

Use of Adjectives in Abstracts when Reporting Results of Randomized, Controlled Trials from Industry and Academia

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Abstract

Objective Accurate representation of study findings is crucial to preserve public trust. The language used to describe results could affect perceptions of the efficacy or safety of interventions. We sought to compare the adjectives used in clinical trial reports of industry-authored and non-industry-authored research.

Methods We included studies in PubMed that were randomized trials and had an abstract. Studies were classified as “non-industry-authored” when all authors had academic or governmental affiliations, or as “industry-authored” when any of the authors had industry affiliations. Abstracts were analyzed using a part-of-speech tagger to identify adjectives. To reduce the risk of false positives, the analysis was restricted to adjectives considered relevant to “coloring” (influencing interpretation) of trial results. Differences between groups were determined using exact tests, stratifying by journal.

Results A total of 306,007 publications met the inclusion criteria. We were able to classify 16,789 abstracts; 9,085 were industry-authored research, and 7,704 were non-industry-authored research. We found a differential use of adjectives between industry-authored and non-industry-authored reports. Adjectives such as “well tolerated” and

“meaningful” were more commonly used in the title or conclusion of the abstract by industry authors, while adjectives such as “feasible” were more commonly used by non-industry authors.

Conclusions There are differences in the adjectives used when study findings are described in industry-authored reports compared with non-industry-authored reports. Authors should avoid overusing adjectives that could be inaccurate or result in misperceptions. Editors and peer reviewers should be attentive to the use of adjectives and assess whether the usage is context appropriate.

Key Points

The language used to describe results could affect perceptions of the efficacy or safety of interventions.

There are differences in the adjectives used when study findings are described in industry-authored reports compared with non-industry-authored reports.

Authors should avoid overusing adjectives that could be inaccurate or result in misperceptions.

Editors and peer reviewers should be attentive to the use of adjectives and assess whether the usage is context appropriate.

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1 Background

Accurate understanding of the efficacy and safety of health interventions is crucial for public health. Major impediments to such understanding include selective reporting of trial results and inadequate reporting of trial results.

Publication of only studies that show benefit, known as publication bias, leads to overestimation of the efficacy of interventions. Inadequate reporting of trial results limits the ability of the reader to assess the validity of trial findings [1, 2]. The CONSORT initiative [3] has led to improvements in the quality of reporting of trial results [4, 5]. In addition, mandatory registration of clinical trials and mandatory publication of trial results are strategies implemented to diminish the impact of publication bias [6].

How trial results are described in publications may influence the reader's perception of the efficacy and safety of interventions. For example, an intervention can be portrayed as beneficial in the publication despite having failed to differentiate statistically from placebo. In this type of bias, called spin bias, the reader is distracted from the non-significant results [7]. The language used to describe trial results could also affect perceptions of the efficacy or safety of health interventions as well as the quality of the study. We studied the vocabulary used to report trial results and compared it between two authorship groups (industry versus non-industry).

2 Objective

The objective of this study was to compare the adjectives used to report results of clinical trials between industry and non-industry (academia and government). We focused on adjectives because their use adds "color" (potentially biasing interpretation) to the description of study findings.

3 Methods

3.1 Inclusion Criteria

We included studies indexed in PubMed that were randomized, controlled trials; assessed humans; had an abstract; and were published in English. The search was conducted on October 7, 2013, without any time limit (all articles present in PubMed until that time). The PubMed query used to identify the studies was "English[lang] AND Randomized Controlled Trial[ptyp] AND humans[MeSH Terms] AND has abstract[text]".

3.2 Classification of Abstracts

Studies were classified as industry-authored or non-industry-authored (academia and government), depending on the affiliation of the authors, using an automated algorithm. To determine the affiliation of an author, the affiliation field in PubMed was used to scan for word patterns indicating an industry (e.g., "janssen", "johnson & johnson"), academic

affiliation (e.g., "university", "school") or government (e.g., "centers? for disease control", "u\\.s\\.? agency"). Because the PubMed affiliation field contains the affiliation of only one of the authors and therefore could not be used as conclusive evidence in papers written by multiple authors, we supplemented the search for the authors' affiliation, using PubMed Central[®]. PubMed Central is a free full-text archive of biomedical journals and therefore lists the affiliations of each one of the authors of a manuscript. Appendix 1 contains the complete list of patterns used for the abstract classification.

For the abstracts not included in PubMed Central, we developed an algorithm to predict the affiliation of the authors. We assumed that if an author had a particular affiliation in one manuscript, that author would also have that affiliation in any other manuscript written by that author in the same year. Because there are no unique identifiers for authors in PubMed, we used an author name disambiguation algorithm similar to Authority [8], which models the probability that two articles sharing the same author name were written by the same individual. The probability was estimated using a random forest [9] classifier using these features as input: length of author name, author name frequency in Medline, similarity in MeSH terms, words in the title or words in the abstract, whether the paper was in the same journal, overlap of other authors, and time between publication in years. The classifier was trained on a set where positive cases were identified using author e-mail addresses (only available for very few authors), and negative controls cases were identified based on mismatch in author first name. The probability was subsequently used in a greedy cluster algorithm to group all papers by an author.

An abstract was classified as non-industry-authored when all authors of the publication had academic or government affiliations. An abstract was classified as industry-authored when any of the authors in the publication had an industry affiliation. Publications in which the algorithm found none of the patterns to classify an author, or found an author with affiliations to both industry and academia or government, were excluded from the analysis.

To assess the accuracy of the algorithm that predicted author affiliation, we selected a random sample of 250 abstracts and manually checked the affiliation of each one of the authors in the full manuscript and compared these results with the algorithm's classification.

3.3 Adjective Selection

To compare the use of language between industry and non-industry authors, we downloaded the Medline database. The abstracts that met the inclusion criteria were run through the part-of-speech tagger of OpenNLP [10], which allowed us to classify the adjectives. OpenNLP uses the Penn Treebank

tagset, and we considered all tokens with tags JJ (adjective), JJR (adjective, comparative) and JJS (adjective, superlative) [11]. OpenNLP is an open-source machine learning-based toolkit for the processing of natural language text, made available by the Apache Foundation. It has an overall accuracy of around 97 % [12]. We focused on abstracts because more people read the abstract than the whole article, and because only abstracts are available in Medline.

After extracting all adjectives from the abstracts, we selected a set of adjectives we considered relevant to coloring the results of a trial. This selection was performed independently by two authors (MSC and MS), after which discrepancies were resolved in conference. All subsequent analyses were limited to this set to reduce the risk of false positives. Examples of excluded adjectives are “viscous” and “intellectual”. The list of adjectives included and excluded is shown in Appendix 2.

3.4 Location in the Abstract

To locate where in the abstract the differences in adjective use occurred, we looked separately at the title and conclusion. The title is clearly identified in PubMed records. For unstructured abstracts, the conclusion was considered to be in the last two sentences of the abstract. Sentences were detected using the OpenNLP toolkit [10].

3.5 Analysis

To determine whether an adjective was used more often by industry or non-industry authors, we used an exact test for contingency tables [13], stratifying by journal to adjust for any differences in language in the different journals. This test is similar to the well-known Mantel–Haenszel test in that it tests for an overall difference between groups through differences within strata, but it uses an exact method, making it more robust for small numbers within each stratum. We further restricted the adjectives to those that were present in at least 100 papers in our final data set. Because of the large number of tests, we corrected for multiple testing, using Holm’s technique [14].

We also calculated a relative estimate. Values >1 mean that industry uses that adjective more. Values <1 mean that the adjective is used more often by academia and government. A value of exactly 1.0 would indicate equal use by both groups of authors. We report 95 % confidence intervals (CIs), but these intervals are not adjusted for multiple testing.

We further computed the average number of “colored” adjectives used in the title and abstract, where any adjective that was used multiple times in an abstract was counted multiple times. For this analysis, we used all adjectives we considered relevant, including those that appeared in fewer than 100 articles.

3.6 Source of Funding

Using authors’ affiliation is one way to classify studies as either industry or non-industry. Funding of the study is another way. PubMed identifies financial support of the research, but it would only allow for a US-government and non-US-government funding classification. Sources of financial support are often listed in the full manuscript. For the subset of abstracts that had the full-text articles in PubMed Central, we identified the source of funding and then compared that classification with our affiliation-based classification to provide an estimate of the degree of potential discordance. For example, a trial conducted by an academic institute may be authored by academicians only but funded by a pharmaceutical company. Under the affiliation classification, the research would be considered as non-industry, while under the sponsorship classification, it would be considered as industry. Because the information was only available for a limited number of abstracts, we could not conduct sensitivity analyses, but we are reporting the findings.

4 Results

A total of 306,007 publications met the inclusion criteria. We were able to classify 16,789 abstracts; 9,085 were classified as industry, and 7,704 were classified as non-industry. The algorithm correctly identified 235 of the 250 manuscripts sampled for accuracy (15 were incorrectly assessed as non-industry-authored), indicating that the accuracy of the classifying algorithm was 94 % with a Kappa value of 0.88 (Table 1).

The abstracts were published from 1981 to 2013, and 92.5 % were published in 2000 or after. The abstracts were published in 1,788 journals, and 50 % were published in 98 journals. Appendix 3 provides the list of journals, with the number of abstracts by journal.

The 16,789 abstracts had a total of 4,690 adjectives: 298 were considered relevant by both of the authors (see Appendix 4), and 72 adjectives were present in at least 100 papers in our final data set and were analyzed (Table 2). With few exceptions, these were positive adjectives.

The use of adjectives differed between industry and non-industry (Table 3). Ten adjectives located in the title or conclusion, and 15 adjectives located anywhere in the abstract, had relative use values >1 , indicating preferential use by industry. Most notably, adjectives such as “well tolerated” and “meaningful” were more commonly used by industry-authored reports in the title or conclusion of the abstracts [relative use 5.20 (CI 2.73–10.03) and 3.08 (CI 1.73–5.44), respectively], whereas adjectives such as “feasible” were more commonly used in abstracts

Table 1 Assessment of the accuracy of the automated algorithm to classify abstracts as “industry-authored” and “non-industry-authored”, compared with a manual classification, in a subsample of abstracts

	Manual classification based on full manuscript		
	Non-industry-authored	Industry-authored	Total
Classification based on automated algorithm			
Non-industry-authored	113	0	113
Industry-authored	15	122	137
Total	128	122	250

Table 2 Adjectives in the final analysis, with the numbers of abstracts in which each adjective appears

Adjective	Industry use	Non-industry use	Adjective	Industry use	Non-industry use
Acceptable	195	120	Meaningful	285	60
Adequate	116	125	Mild	732	211
Apparent	274	76	Mild-to-moderate	110	21
Appropriate	165	190	Minor	132	93
Comparable	699	300	Moderate	715	385
Complete	267	226	Modest	164	93
Comprehensive	50	125	Necessary	131	164
Considerable	44	84	Novel	179	77
Consistent	608	196	Poor	185	286
Conventional	227	310	Potent	383	52
Cost-effective	55	143	Promising	82	158
Detectable	68	36	Protective	96	96
Difficult	69	154	Relevant	458	247
Effective	1,345	1,332	Reliable	73	95
Efficacious	239	108	Responsible	45	56
Efficient	48	96	Robust	86	69
Enhanced	81	108	Safe	547	291
Equal	114	110	Serious	723	194
Essential	101	106	Severe	741	393
Evidence-based	20	135	Significant	3,238	2,809
Evident	91	94	Similar	2,405	997
Excellent	73	67	Simple	58	171
Extensive	77	53	Strong	116	155
Fast	77	28	Stronger	34	74
Faster	66	45	Substantial	180	157
Favorable	196	83	Successful	83	254
Favourable	73	37	Sufficient	65	101
Feasible	43	167	Traditional	62	153
Good	309	253	Unchanged	236	101
Important	539	730	Unexpected	100	29
Improved	176	149	Unlikely	105	41
Inadequate	145	45	Useful	180	252
Inferior	40	62	Usual	131	587
Intensive	99	246	Valid	64	60
Long-term	590	507	Validated	151	84
Major	596	524	Well tolerated	249	38

classified as non-industry-authored [relative use 0.34 (CI 0.18–0.6)]. Adjectives such as “successful” and “usual” were also more commonly used by non-industry, when

considering the abstract overall [relative use 0.46 (CI 0.31–0.68) and 0.40 (CI 0.30–0.53), respectively] (Table 3).

Table 3 Adjectives favored by industry or non-industry (academia and government) by location in the abstract

Adjective	Relative use (95 % confidence interval)	
	Title or conclusion	Entire abstract including title
Well tolerated	5.20 (2.73–10.03)	4.96 (2.99–8.22)
Meaningful	3.08 (1.73–5.44)	3.42 (2.24–5.21)
Efficacious	2.78 (1.81–4.24)	1.96 (1.40–2.74)
Consistent	2.49 (1.74–3.53)	2.21 (1.72–2.83)
Mild	2.40 (1.60–3.57)	2.91 (2.28–3.70)
Good	2.37 (1.56–3.56)	
Severe	2.06 (1.51–2.79)	1.82 (1.49–2.21)
Comparable	1.98 (1.41–2.76)	1.92 (1.55–2.36)
Similar	1.98 (1.60–2.45)	1.89 (1.67–2.13)
Significant	1.52 (1.28–1.79)	
Feasible	0.34 (0.18–0.60)	0.40 (0.23–0.66)
Serious		3.29 (2.53–4.26)
Inadequate		2.84 (1.66–4.79)
Potent		2.26 (1.48–3.445)
Acceptable		1.96 (1.35–2.80)
Relevant		1.67 (1.27–2.16)
Moderate		1.62 (1.33–1.97)
Safe		1.58 (1.25–1.98)
Successful		0.46 (0.31–0.68)
Usual		0.40 (0.30–0.53)

The numbers represent a relative estimate: >1 means favored by industry; <1 means favored by non-industry. The adjectives shown in bold text are more commonly used by non-industry authors

All of the adjectives in this table are statistically significant between industry and non-industry after adjustment for multiple testing

Confidence intervals are not adjusted for multiple testing

Results are stratified by journal to adjust for differences in language in the different journals

Examples of the contexts in which the adjectives were used in the title or conclusion of the abstract are presented in Table 4.

On average, there were 2.6 “colored” adjectives in each abstract, and this number was the same for both industry-authored and non-industry-authored research.

4.1 Source of Funding

When we estimated the degree of potential discordance between abstracts classified by author affiliation or by source of funding, we found that of the 16,789 abstracts that we could classify as industry-authored or non-industry-authored research, only 189 (1.1 %) had the full text available in PubMed Central and disclosed either partial or total funding by industry; 16 % of these studies were classified as being from non-industry when looking at authors’ affiliations.

Table 4 Selected examples of the context of adjective use in the abstract

“The data suggest that enalapril is efficacious and well tolerated by the high-risk patients” [Industry-authored]
“Patients with severe asthma who received FP [at approximately half the dose of BDP/BUD] experienced statistically significant , as well as clinically meaningful , improvements in their HRQoL” [Industry-authored]
“Evaluation of pre-discharge home visits by occupational therapists in a rehabilitation setting is feasible , but a more effective recruitment strategy for a main study is favored by application of a multi-centre setting” [Non-industry-authored]
“All treatment regimens were well tolerated ; drug-related adverse reaction rates were similar across the 3 groups” [Industry-authored]
“Adalimumab is the first TNF antagonist to demonstrate good clinical efficacy and safety in patients with axial SpA without radiographically defined sacroiliitis” [Industry-authored]
“This simple, feasible and inexpensive bioassay may promote the development of models more predictive of microbicide efficacy” [Non-industry-authored]
“ Successful treatment of tobacco dependence in respiratory patients requires repeated intensive interventions” [Non-industry-authored]

5 Discussion

There are differences in the adjectives used when study findings are described in industry-authored compared with non-industry-authored reports. Certain adjectives are five times more commonly used by industry, although, on average, both groups of authors use the same number of “colored” adjectives.

The differences in the adjectives used that were noted in the present study support anecdotal evidence about the way results of clinical trials are reported by industry. The Medical Publishing Insights and Practices (MPIP) initiative in 2012 recommended avoiding broad statements such as “generally safe and well tolerated” [15] when reporting trial results—precisely the type of adjectives we found were more commonly used by industry. The MPIP initiative was founded by members of the pharmaceutical industry and the International Society for Medical Publication Professionals to elevate trust, transparency, and integrity in publishing industry-sponsored studies. Describing an intervention as “well tolerated”, which is the adjective with the largest use in industry-authored manuscripts compared with academic or government-authored manuscripts—although accurate in certain circumstances, considering the nature of the trials conducted by industry—might not be generalizable to the broader population when the trial is small, when relatively “healthy” or “stable” participants are recruited (compared with the broader population with the target indication), or when the follow-up is short.

The use of those adjectives (such as “acceptable”, “meaningful”, “potent”, or “safe”) more commonly present in industry-authored reports than in non-industry-authored reports could suggest that industry-authored reports tend to focus on the positive aspects of the health intervention being evaluated. However, the differences in adjective use could also reflect variations in the types of trials conducted by industry and academic or governmental institutions. Industry studies tend to focus on drugs or devices, while non-industry work is likely to be more inclusive of other types of health interventions. By controlling for journal, we adjusted partially for potential differences in the studies.

We used the affiliation of the authors to classify publications as industry-authored and non-industry-authored. Even if one author out of many was from industry, the paper was classified as industry-authored. Although this approach could seem extreme, it has also been recommended by others [16]. It might seem preferable to look at the source of funding instead of the author affiliation; however, this approach too has its shortcomings. Funding mechanisms are complex, some journals do not report funding sources, full reporting of all sources of financial support is not complete, and there are different levels of support, from unrestricted educational grants to support that includes input of the manufacturers into trial designs, conduct of the analysis and publication [16, 17]. We assessed how many of the abstracts in which the full manuscript reported support from industry were classified as being non-industry in origin. We found that 16 % of those papers with industry support were classified as being from non-industry. It is difficult to predict the direction of bias related to any potential misclassification because of the shortcomings listed above, but in the worst-case scenario, it would lead to an underestimation of the relative measure and consequently to a smaller set of adjectives because of loss of power.

The results of this study are based on assessing the abstract instead of the full paper. Many readers just read the abstract of the published article and may be influenced by it, so we argue that it is an important place to look for differences in reporting style. The results of a study that assessed the impact of “spin” on interpretation of cancer trials showed that clinicians’ interpretation was affected by reading the abstracts of the trials [18]. In addition, the study focused on randomized, controlled trials, thus the findings may not apply to other types of study designs.

The present study was limited to counting adjectives and assessing the difference in those counts in industry-authored and non-industry-authored reports. Although we have provided some examples to illustrate how they were used, the study ignored the context of the usage. A thematic analysis could allow detection of patterns, and a critical

review of the full text of the paper could determine whether the use of the adjectives was indeed appropriate in view of the data or what it is known in the field.

6 Conclusion

We assessed a very large number of abstracts and found differences in how study findings are described by industry-affiliated authors as compared with non-industry-affiliated authors. The language used to describe trial results could affect perceptions of the efficacy or safety of health interventions. Authors should avoid overusing adjectives that could be inaccurate or potentially lead to misperceptions. Editors and peer reviewers should be attentive to the use of adjectives in the abstract (and the manuscript in its entirety) and assess whether their use is appropriate.

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Author Contributions MSC: study conception and design, interpretation of study findings, manuscript preparation.

JAB: interpretation of study findings, revising manuscript critically for important intellectual content.

SCG: interpretation of study findings, revising manuscript critically for important intellectual content.

WPB: interpretation of study findings, revising manuscript critically for important intellectual content.

MS: study design and execution, analysis, interpretation of study findings, manuscript preparation.

All authors read and approved the final manuscript.

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Appendix 1: Industry and academic/governmental affiliation patterns

Industry patterns	Industry patterns	Academic/government patterns	Academic/government patterns
Abbott	Merz	Clinic	School
Amgen	Mundipharma	Clinique	Sjukhuset
Astrazeneca	Nitec	College	Universidad
Aventis	Nordis	Ecole	Universidade
Bayer	Novartis	Foundation	Universitaires
Boehringer	Pfizer	Gasthuis	Universit�aria
Centocor	Pharmaceuticals	H�opital	Universitat
Genentech	Procter	Hospital	Universite
Glaxo	Sanofi	Hospitalario	Universit�e

Industry patterns	Industry patterns	Academic/ government patterns	Academic/ government patterns		
Glaxosmithkline	Shionogi squibb	Hospitales	Universiteit	14-week	25-hydroxyvitamin
Gsk	Takeda	Hospitalier	Universiti	150-mg	25-item
Humax	Ucb	Hospitaller	University	15-day	25-mg
Janssen	Vifor	Karolinska	Ziekenhuis	15-item	25th
Kaken	Zymogenetics	Kliniek	Centers? for disease control	15-min	26-week
Lilly	Industrie farmaceutiche	Kliniken	Centro de salud	15-minute	28-day
Mcneil	Johnson (&land) johnson	Klinikum	Centro médico	15-month	28-item
Medimmune	Pharmaceutical company	Krankenhaus	Memorial sloan kettering cancer center	15th	28-joint
Medtronic	([^a][^a-z])roche([^a-z])\$	National	u\\.?.s\\.?. agency	15-year	28-week
		Nazionale	Health department	16-week	2-arm
		Policlinico	Food and drug administration	17beta-estradiol	2-compartment
		Polyclinique		17-item	2d

Patterns with symbols represent standard regular expressions (a pattern used to search for text)

Appendix 2: All adjectives present in the analyzed abstracts

1000-mg	10-year	14-week	25-hydroxyvitamin
100-mg	11-day	150-mg	25-item
100-mm	11-fold	15-day	25-mg
100-point	11-point	15-item	25th
10-cm	11-week	15-min	26-week
10-day	120-mg	15-minute	28-day
10-fold	12-day	15-month	28-item
10-h	12-h	15th	28-joint
10-item	12-hour	15-year	28-week
10mg	12-item	16-week	2-arm
10-mg	12-lead	17beta-estradiol	2-compartment
10-min	12-mg	17-item	2d
10-minute	12-month	18-month	2-day
10-mm	12-months	18-week	2-dose
10-month	12th	1b	2-fold
10-point	12-week	1c	2-g
10th	12-wk	1-compartment	2-h
10-valent	13-week	1-day	2-hour
10-week	14-day	1-g	2-hr
		1-h	2max
		1-hour	2-mg
		1-infected	2-minute
		1-mg	2-month
		1-month	2-part
		1-point	2-period
		1rm	2-phase
		1s	2-point
		1-sided	2-sequence
		1st	2-sided
		1-week	2-stage
		1-year	2-way
		1-yr	2-week
		200mg	2-wk
		200-mg	2-year
		20-item	2-yr
		20mg	300-mg
		20-mg	30-day
		20-min	30-fold
		20-minute	30-item
		20-month	30-mg
		20-week	30-min
		21-day	30-minute
		21-item	30-month
		23f	30-second
		23-valent	30-week
		24h	32-week
		24-h	35-day
		24-hour	36-item
		24-hr	36-week
		24-month	3-arm
		24-months	3d
		24-week	3-d
		250-mg	3-day

3-dimensional	5-fold	80-mg	acid
3-dose	5-fu	85th	acidic
3-drug	5-hmt	8-day	acid-related
3-fold	5-ht	8-fold	acid-suppressive
3-h	5-ht3	8-h	acne
3-hour	5-httlpr	8-hour	acoustic
3-hydroxy-3-methylglutaryl	5-hydroxyindoleacetic	8-mg	acr20
3mg	5-hydroxymethyl	8-month	acromegaly
3-mg	5-hydroxytryptamine	8th	acting
3-month	5-lipoxygenase	8-week	actinic
3-months	5mg	90-day	activate
3-period	5-mg	90-minute	activated
3rd	5-minute	90th	active
3-treatment	5-month	95th	active-comparator-controlled
3-way	5-period	96-week	controlled
3-week	5-point	9-day	active-control
3-weekly	5th	9-month	active-controlled
3-wk	5-way	9-week	activity-related
3-year	5-week	µg	actual
400mg	5-year	µ-opioid	acute
400-mg	5-year-old	alc	acutely
40-mg	5-yr	abacavir	acute-phase
40-week	600-mg	abatacept-treated	adalimumab
45-min	60-mg	abbreviated	adalimumab-treated
46-week	60-min	abciximab	adaptive
48-h	6-day	abdominal	adas-cog
48-hour	6-h	aberrant	added
48-week	6-hour	abiraterone	additional
4-day	6-min	able	additive
4-fold	6-minute	abnormal	add-on
4-h	6-month	aboriginal	adenosine
4-hour	6-months	above	adequate
4-mg	6mwt	abrupt	adherent
4-month	6-point	absent	adhesive
4-period	6th	absolute	adipose
4-point	6-week	absorbable	adjacent
4th	6-wk	abstinent	adjudicated
4-way	6-year	abstract	adjunct
4-week	70-kg	abused	adjunctive
4-weeks	70-mg	academic	adjustable
4-wk	72-h	acarbose	adjusted
4-year	72-hour	acceptable	adjuvant
4-yr	750-mg	accepted	adjuvanted
500-mg	75-g	accessible	administrative
50mg	75-mg	accidental	adolescent
50-mg	75th	accompanying	adp-induced
50-week	7-day	accurate	adrenal
52-week	7-point	acellular	adrenergic
54-week	7-valent	acetabular	adult
5alpha-reductase	7vcrm	acetic	advanced
5-day	7-week	acetylsalicylic	advantageous
5-fluorouracil	7-year	achievable	adverse
	800-mg	achieved	advisable

aerobic	ambulatory	anthropometric	antioxidative
aerosol	ameliorate	anti-aging	antiparkinsonian
aerosolized	amenable	anti-amal	antiplaque
aesthetic	american	antianginal	anti-plaque
afebrile	amg	anti-angiogenic	antiplatelet
affected	amino	antiarrhythmic	anti-platelet
affective	amino-terminal	anti-atherogenic	anti-prp
affordable	aminotransferase	antibacterial	antipsychotic
aforementioned	amiodarone	antibiotic	antipyretic
african	amlodipine	anticalculus	antipyrene
african-american	amodiaquine	anticholinergic	antiresorptive
age-adjusted	amplitude	anticipated	antiretroviral
age-appropriate	amprenavir	anticipatory	anti-retroviral
aged	amyloid	anti-circumsporozoite	antiretroviral-experienced
age-dependent	anabolic	anticoagulant	antiretroviral-naïve
age-matched	anaemic	antidepressant	antiretroviral-naive
age-related	anaerobic	antidepressive	antirheumatic
age-specific	anaesthetic	antidiabetic	anti-rheumatic
aggregate	analgesic	anti-diabetic	antisecretory
aggressive	analogous	antiemetic	antisense
aging	analysed	antiepileptic	antiseptic
agitated	analytic	anti-factor	antithrombin
agonist	analytical	antifracture	antithrombotic
ai	anamnesic	antifungal	anti-tnf
a-i	anastomotic	antigen	anti-tnf-alpha
air	anastrozole	antigenic	antitumor
airborne	anatomic	antigen-specific	anti-tumor
al	anatomical	anti-hav	antitumour
alanine	anchor-based	anti-hbs	anti-tumour
alcohol-dependent	ancillary	anti-hcv	anti-vegf
alcohol-free	anecdotal	antihistamine	antiviral
alcoholic	anemic	anti-hiv	anti-xa
alcohol-related	anesthetic	anti-hpv	antral
aldosterone	anesthetized	anti-hpv-16	anxiolytic
alendronate	aneurysmal	anti-human	anxious
alert	anginal	antihyperglycaemic	aortic
alive	angiogenic	antihyperglycemic	aphthous
all-cause	angiographic	antihypertensive	apical
allele	angioplasty	anti-hypertensive	apoa-i
allelic	angiotensin-converting	anti-ige	apolipoprotein
allergen-specific	angry	antiinflammatory	apoptotic
allergic	angular	anti-inflammatory	apparent
allometric	animal	anti-influenza	applicable
allosteric	ankle-brachial	anti-interleukin-1 β	appreciable
all-patients-treated	ankylosing	antimalarial	appropriate
alone	annual	anti-malarial	approved
alpha-linolenic	annular	antimicrobial	approximate
altered	antacid	antimigraine	aprepitant
alternate	antagonistic	antimuscarinic	aqueous
alternative	antecedent	antimycobacterial	arachidonic
alveolar	antenatal	antineoplastic	arbitrary
ambient	anterior	antinociceptive	ar-c124910xx
ambiguous	anteroposterior	antioxidant	arginine-stimulated

aripiprazole	atopic	base	biopsy-confirmed
aripiprazole-treated	atorvastatin	baseline	biopsy-proven
arithmetic	atp-binding	baseline-adjusted	bioresorbable
armed	atrial	baseline-corrected	biphasic
aromatase	atrioventricular	baseline-to-endpoint	bipolar
arousal	at-risk	basic	bis-guided
arrhythmic	atrophic	b-cell	bispectral
artemether-lumefantrine	attentional	bcr-abl	bisphosphonate
artemisinin-based	attenuated	bdi-ii	bivalent
arterial	attractive	behavioral	bivariate
arteriovenous	attributable	behavioural	biventricular
artesanate	atypical	belgian	biweekly
artesanate-amodiaquine	auc	beneficial	bi-weekly
arthroplasty	auc0-t	benign	black
arthroscopic	audio	best	bladder-related
articular	auditory	best-corrected	blend-a-med
artificial	augmented	beta	blended
as03a-adjuvanted	auricular	beta-1b	blind
as03-adjuvanted	australian	beta2-agonist	blinded
as04-adjuvanted	autobiographical	beta-adrenergic	blinded-endpoint
ascending-dose	autogenous	beta-agonist	blinding
ascorbic	autoimmune	beta-carotene	blue
asenapine	autologous	beta-cell	blunt
aseptic	automated	beta-haemolytic	blunted
asexual	automatic	better	blurred
asian	autonomic	between-patient	bodily
as-needed	autonomous	between-subject	body
aspirate	available	bg	bolus
aspirin	average	bi	bone-specific
aspirin-treated	aversive	bid	bony
assertive	avian	bidirectional	borderline
assessable	awake	biexponential	botanical
assessor-blind	awakening	big	bound
assessor-blinded	aware	bilateral	bovine
assigned	axial	biliary	bp-lowering
assisted	Ã	bilingual	brachial
associated	Ã2-agonist	bimanual	brain-derived
associative	Ã-cell	b-inactivated	branded
asthma	azimilide	binary	brazilian
asthma-related	azithromycin	binding	breast-fed
asthma-specific	azole	binding-adjusted	brief
asthmatic	back	binocular	bright
as-treated	backward	binomial	brisk
asymmetric	bacterial	bioactive	british
asymptomatic	bactericidal	bioavailable	broad
at	bacteriologic	biochemical	broader
atenolol-based	bacteriological	bioelectrical	broad-spectrum
atherogenic	bad	bioequivalent	bronchial
atherosclerotic	balanced	biologic	bronchoalveolar
atherothrombotic	bare	biological	bronchodilatory
athletic	baroreflex	biomechanical	bronchopulmonary
atomoxetine	basal	biomedical	bronchoscopic
atomoxetine-treated	basal-bolus	biopsy	brown

buccal	cefuroxime	cirrhotic	colony-forming
budesonide	celecoxib	cisplatin	colony-stimulating
buffered	cell-derived	cisplatin-induced	colorectal
buoyant	cell-mediated	citrate	colposcopic
bupivacaine	cellular	citric	combined
buspirone	cemented	c-kit	comfortable
busy	cementless	clarithromycin	commercial
ca	central	classic	common
caesarean	centralised	classical	commonest
caffeinated	centralized	classified	community-acquired
caffeine	cephalic	clean	community-based
calculated	ceramic	cleansing	community-dwelling
calibrated	cerebral	clear	community-living
caloric	cerebrospinal	clearer	comorbid
canadian	cerebrovascular	clinical	co-morbid
cancer-related	cerivastatin	clinic-based	comparable
cancer-specific	certain	clinician	comparative
cannabinoid	certolizumab	clinician-administered	comparator-controlled
capable	certoparin	clinician-rated	comparator-treated
capsaicin-induced	cervical	clonal	compartmental
carbohydrate	cervicovaginal	clonidine	compatible
carbonic	cesarean	clopidogrel	compelling
carcinoembryonic	cetuximab	clopidogrel-treated	compensated
cardiac	cgi-i	close	compensatory
cardinal	challenging	closed	competent
cardiometabolic	characteristic	closed-loop	competitive
cardioprotective	chd	closer	complementary
cardiopulmonary	cheaper	closest	complete
cardiorespiratory	chemical	clustered	complex
cardio-respiratory	chemotherapeutic	cluster-randomised	compliant
cardiovascular	chemotherapy-induced	cluster-randomized	complicated
care-as-usual	chemotherapy-naive	cm	component
care-based	chewable	cmax	composite
careful	chi	co2	comprehensive
carer	child-pugh	coadministered	compressed
carious	chimeric	co-administered	comprised
carotid	chinese	coated	compromised
carpal	chiropractic	cochran-mantel-haenszel	compulsive
carvedilol	chi-square	coefficient	compulsory
castle	chi-squared	cognitive	computational
castration-resistant	chloroquine	cognitive-behavioral	computed
casual	cholesterol-lowering	cognitive-behavioural	computer-assisted
catabolic	cholinergic	coherent	computer-based
categorical	choroidal	cohort	computer-generated
catheter-related	chronic	cold	computerised
cationic	ci	cold-adapted	computerized
caucasian	cilomilast	colic	computer-tailored
causal	cimetidine	collaborative	concentrated
causative	ciprofloxacin	collagen-induced	concentration-dependent
cause-specific	circadian	collective	concentration-effect
ccr5-tropic	circular	colloid	concentration-time
cecal	circumferential	colonic	concentration-versus-time
cefaclor-treated	circumsporozoite	colonoscopy	concentric

conceptual	coprimary	culture-positive	deficient
concerned	co-primary	cumulative	definite
conclusive	core	curative	definitive
concomitant	corneal	current	degenerative
concrete	coronal	customary	delayed
concurrent	coronary	customized	deleterious
conditional	correct	cutaneous	deliberate
condition-specific	corrective	cut-off	delta
confident	correlate	cv	deltoid
confirmative	correlated	cyclic	delusional
confirmatory	corresponding	cycling	demographic
confirmed	cortical	cyclooxygenase-2	demonstrable
conflicting	corticospinal	cyclo-oxygenase-2	dendritic
confounding	corticosteroid	cyclophosphamide	denosumab-treated
congenital	cortisol	cyclosporine	dense
congestive	cosmetic	cyp	dental
congruent	cost	cyp3a	dentinal
conjugate	cost-effective	cystatin	dependant
conjugated	costly	cystic	dependent
conjunctival	cost-saving	cytogenetic	depressant
connective	counterbalanced	cytokine	depressed
conscious	covariate	cytological	depression-related
consecutive	cox-2	cytoplasmic	depressive
consensus-based	c-peptide	cytotoxic	derivative
consenting	cranial	d	dermal
consequent	c-reactive	dabigatran	dermatological
conservative	creatine	daily	dermatology-specific
considerable	creatinine	d-amphetamine	descriptive
consistent	creative	danish	design
constant	credible	dapagliflozin	desirable
constitutional	crevicular	dapoxetine	desloratadine
constraint-induced	critical	daptomycin	desvenlafaxine
contemporary	cross-clade	darifenacin	detailed
content	cross-cultural	dark	detectable
contextual	cross-linked	data-driven	detrimental
contingent	crossover	day-1	devastating
continual	cross-over	daytime	developed
continued	cross-reactive	day-to-day	developmental
continuous	cross-sectional	dbp	devoid
contraceptive	crp	d-conjugate	dexlansoprazole
contradictory	crucial	d-dimer	dextromethorphan
contralateral	cruciate	debatable	diabetes-related
contrary	crude	debilitating	diabetes-specific
contrast-enhanced	crushed	decaffeinated	diabetic
controlled	crystalloid	deceased	diagnosed
controversial	ct	decisional	diagnostic
convenient	c-terminal	decision-making	diaphyseal
conventional	ctx-ii	declarative	diary
convergent	cubic	decompensated	diastolic
convincing	cued	decreased	dichotomous
cooperative	cultural	deep	didactic
coordinated	culture-confirmed	deeper	dietary
copd	cultured	defective	diet-induced

diet-treated	distinctive	dry	eight-week
different	distressing	dsm-iii-r	eighty
differential	distribution-based	dsm-iv	elastic
differentiate	disturbed	dsm-iv-defined	elderly
differentiated	diuretic	dsm-iv-tr	e-learning
differing	diurnal	dsm-iv-tr-defined	elective
difficile	divergent	dual	electric
difficult	diverse	dual-chamber	electrical
difficult-to-treat	dlqi	dual-energy	electrocardiographic
diffuse	docetaxel	dual-therapy	electrochemical
digestive	docosahexaenoic	ductal	electroconvulsive
digit	doctor-patient	due	electroencephalographic
digital	domestic	duloxetine	electrolyte
digoxin	dominant	duloxetine-treated	electromagnetic
dihydroartemisinin-	donepezil	duodenal	electromyographic
piperazine	dopamine	durable	electronic
dilated	dopaminergic	dutasteride	electrophysiological
diminished	dorsal	dutch	elemental
diphtheria-tetanus-acellular	dorsolateral	dyadic	elementary
dipropionate	dorzolamide	dye	eletriptan
direct	dorzolamide-timolol	dynamic	elevated
direct-acting	dose-adjusted	dysfunctional	elicited
directional	dose-dependent	dyslipidemic	eligible
dirithromycin-treated	dose-effect	dyspeptic	elispot
disabled	dose-escalating	dysphoric	elusive
disabling	dose-finding	e2	e-mail
disadvantaged	dose-independent	earlier	embedded
disappointing	dose-limiting	earliest	embolic
discernible	dose-linear	early	emergent
discontinued	dose-normalized	early-onset	emetic
discordant	dose-proportional	early-phase	emetogenic
discrete	dose-ranging	early-stage	emotional
discriminant	dose-related	easier	empiric
discriminative	dosing	east	empirical
discriminatory	double	eastern	empty
diseased	double-blind	easy	emptying
disease-free	double-blinded	eccentric	enalapril
disease-modifying	double-dummy	echocardiographic	enantioselective
disease-related	double-masked	ecological	encapsulated
disease-specific	doubtful	economic	encouraging
disordered	down-regulated	economical	end-diastolic
disparate	downward	ed	endemic
dispersible	doxorubicin	educational	end-expiratory
dispositional	dpp-4	eeg	endocrine
disproportionate	dramatic	efalizumab	end-of-study
disruptive	drop-out	effective	endogenous
dissatisfied	drug-eluting	effect-site	endometrial
disseminated	drug-free	effervescent	endoscopic
dissociable	drug-induced	efficacious	endothelial
distal	drug-naïve	efficient	endothelium-dependent
distant	drug-naive	egfr	endotracheal
distilled	drug-related	eicosapentaenoic	endovascular
distinct	drug-resistant	eighth	endpoint

end-point	esomeprazole	exercise-based	fastest
end-stage	esophageal	exercise-induced	fasting
end-systolic	essential	exercise-related	fast-track
end-tidal	established	exert	fat
energy-restricted	estimable	exertional	fatal
english	estimated	exhaled	fat-free
english-speaking	etanercept	exhibited	fat-rich
enhanced	etexilate	existing	fatty
enjoyable	ethical	exogenous	favorable
enlarged	ethinyl	expanded	favourable
enormous	ethnic	expected	fda-approved
enough	etoposide	expensive	fearful
enriched	etoricoxib	experienced	feasible
enrolled	euglycaemic	experimental	febrile
enteral	euglycemic	expert	febuxostat
enteric	euglycemic-	expiratory	fecal
enteric-coated	hyperinsulinemic	explanatory	fellow
enterohepatic	european	explicit	female
entire	euroqol	explorative	feminine
environmental	euroqol-5d	exploratory	femoral
enzymatic	evaluable	exponential	fenofibrate
enzyme	evaluated	exposed	fenofibric
enzyme-linked	evaluative	expressive	fentanyl
eortc	evaluator-blind	extended	fermented
eosinophil	evaluator-blinded	extensive	ferric
eosinophilic	event	external	ferrous
epicardial	event-driven	extra	fesoterodine
epidemic	event-free	extracellular	fetal
epidemiological	event-related	extracorporeal	fev1
epidermal	eventual	extrahepatic	few
epidural	everolimus	extrapyramidal	fewer
epigastric	every-2-week	extravascular	fexofenadine
episodic	everyday	extreme	fibrate
epithelial	evidence-based	extrinsic	fibre
eq-5d	evident	ezetimibe	fibrinolytic
equal	evoked	face-to-face	fibroblast
equianalgesic	evolutionary	facial	fidaxomicin
equipotent	exacerbated	facilitated	fifth
equivalent	exact	facility-based	fifty
equivocal	exaggerated	factorial	fifty-eight
er	examiner-blind	faecal	filamentous
erectile	examiner-blinded	failed	film-coated
ergogenic	excellent	fair	final
ergonomic	excess	fall-related	financial
erlotinib	excessive	false-positive	finasteride
erosive	excised	familial	fine
er-positive	excisional	familiar	finnish
ertapenem	excitatory	family-based	firm
erythrocyte	exciting	family-focused	first
erythromycin	exclusive	famotidine	first-degree
erythromycin-treated	excreted	fast	first-dose
erythropoiesis-stimulating	executive	fasted	first-episode
erythropoietic	exenatide	faster	first-generation

first-in-class	fortified	gastrointestinal	glucose-related
first-in-human	forty-eight	gastro-intestinal	glucose-stimulated
first-in-man	forward	gastrointestinal-related	glutamate
first-line	four-arm	gastro-oesophageal	glutamatergic
first-order	four-day	gefitinib	gluteal
first-pass	fourfold	gel	glycaemic
first-phase	four-fold	gelatinase-associated	glycated
first-time	four-month	gel-forming	glycemic
first-year	four-period	genant-modified	glycosylated
five-day	four-point	gender-matched	goal-directed
five-period	fourth	general	gold
five-point	four-treatment	generalisable	golimumab
five-way	four-way	generalised	good
five-year	four-week	generalizable	go-raise
fixed	four-year	generalized	gout
fixed-dose	foveal	gene-related	g-protein-coupled
flare	fractional	generic	graded
flat	fractionated	genetic	gradual
flexible	fracture	genital	gram-negative
flexible-dose	fragile	genome	gram-positive
flow-mediated	fragmented	genome-wide	granulocyte
fluconazole	frail	genomic	graphic
fluid	frailty	genotype	graphical
flu-like	free	genotyped	gray
fluorescent	free-living	genotypic	great
fluoride	free-radical	gentamicin	greater
fluoroscopic	french	gentle	greatest
fluoxetine	frequent	genuine	green
fluoxetine-treated	fresh	geographic	grey
flush	frontal	geographical	gross
flushing	front-line	geometric	group-based
fmri	frozen	geriatric	guideline-based
focal	full	german	gynaecological
folate	full-scale	gestational	gynecological
folfiri	full-term	gh	h
folic	full-time	gh-deficient	h1n1
folinic	fulvestrant	gh-releasing	h2-receptor
follicle-stimulating	fumarate	gh-treated	h5n1
follicular	functional	gi	habitual
followed-up	fundamental	glargine	haematological
following	fundus	glaxosmithkline	haemodynamic
followup	fungal	global	haemoglobin
follow-up	furoate	glomerular	haemophilus
food-effect	furosemide	glp-1	haemostatic
forced	further	glucagon-like	half
force-titrated	future	glucocorticoid	half-life
forearm	g	glucocorticoid-induced	haloperidol
foreign	gag-specific	glucodynamic	haloperidol-controlled
formal	gamma-aminobutyric	glucoregulatory	haloperidol-treated
formative	gaseous	glucose	ham-d-17
former	gastric	glucose-6-phosphate	hand-foot
formoterol	gastroduodenal	glucose-dependent	hand-held
formula-fed	gastroesophageal	glucose-lowering	hands-on

happy	high-calorie	hospitalized	hypoxic
haptic	high-carbohydrate	hot	iatrogenic
haq-di	high-density	hourly	ibandronate
hard	high-dose	hp	ibuprofen
harmful	high-energy	hpv	icu
harmonic	higher	hr	ideal
hazard	higher-dose	hrqol	identical
hazardous	higher-order	hscrp	idiopathic
hb	highest	hs-crp	ifn γ -1b
hba1c	high-fat	hsv-2	ige-mediated
hbeag-positive	high-gi	http	igfbp-3
hcg	high-grade	human	igf-i
hcl	high-intensity	human-bovine	i-ii
hcv-infected	high-level	humanized	il-1
hdl-c	high-performance	humoral	il-10
head-to-head	high-pressure	hyaluronic	il-1 β
healing	high-protein	hybrid	il-1beta
healthcare	high-quality	hydrated	il-2
health-care	high-resolution	hydrochloride	ileal
healthful	high-risk	hydrochlorothiazide	iliac
healthier	high-sensitivity	hydrocodone	ill
health-promoting	high-throughput	hydrolyzed	illicit
health-related	hippocampal	hydrophilic	illusory
healthy	hispanic	hydroxy	iloperidone
heartburn-free	histological	hydroxyapatite	imiquimod
heat-sensitive	histomorphometric	hydroxyapatite-coated	immature
heavy	histopathological	hydroxychloroquine	immediate
hedonic	historic	hydroxynefazodone	immediate-release
heightened	historical	hyperbaric	immigrant
helminth	hiv-1	hypercholesterolaemic	immune
helpful	hiv-1-infected	hypercholesterolemic	immune-mediated
hematological	hiv-infected	hyperglycaemic	immune-related
hematopoietic	hiv-negative	hyperglycemic	immunized
hemodynamic	hiv-positive	hyperinsulinaemic	immunocompetent
hemorrhagic	hiv-related	hyperinsulinemic	immunocompromised
hemostatic	hiv-seronegative	hyperinsulinemic-	
hepatic	hiv-specific	euglycemic	immunogenic
hepatocellular	hmg-coa	hyperlipidemic	immunohistochemical
heptavalent	hoc	hypertensive	immunologic
her2-negative	holistic	hypertonic	immunological
her2-positive	home-based	hypertrophic	immunomodulatory
herbal	homeopathic	hypnotic	immunoreactive
hereditary	homeostatic	hypoactive	immunosorbent
heterogeneous	homogeneous	hypocaloric	immunostimulatory
heterologous	homogenous	hypoglycaemic	immunosuppressant
heterosexual	homologous	hypoglycemic	immunosuppressive
heterozygous	homozygous	hypogonadal	immunotherapy
hexavalent	horizontal	hypotensive	impacted
hg	hormonal	hypothalamic	impaired
hidden	hormone-receptor-positive	hypothalamic-pituitary-	
hierarchical	hormone-sensitive	adrenal	impeding
high	hospital-acquired	hypoththesized	imperative
high-calcium	hospital-based	hypothetical	implant
			implantable
			implanted

implementation	ineffective	innate	interdisciplinary
implicit	inefficient	inner	interested
important	ineligible	inner-city	interesting
impossible	inert	innovative	interferon
improved	inexpensive	inoperable	interferon-inducible
improving	inexperienced	inotropic	interim
impulsive	infant	inpatient	interindividual
inaccurate	infantile	in-patient	inter-individual
inactivated	infected	in-person	interleukin
inactive	infection-related	insecticide-treated	interleukin-1
inadequate	infectious	insensitive	interleukin-10
inadvertent	infective	insignificant	interleukin-1 β
inappropriate	inferior	insoluble	interleukin-2
inattentive	infertile	inspiratory	intermediate
incisional	infinite	inspired	intermediate-acting
inclusive	inflamed	instantaneous	intermittent
incompatible	inflammatory	in-stent	internal
incomplete	infiximab	institutional	international
inconclusive	infiximab-treated	instructional	internet
incongruent	influential	instructive	internet-based
inconsistent	influenza	instrumental	internet-delivered
incontinent	influenzae	instrumented	interpatient
incorporate	influenza-like	insufficient	inter-patient
incorporated	informal	insulin-dependent	interpersonal
incorporating	informational	insulinemic	interpretable
incorrect	informative	insulin-independent	interproximal
increased	informed	insulin-induced	interquartile
incremental	infrared	insulin-like	interrupted
incurable	infrequent	insulin-mediated	interstitial
indacaterol	infused	insulin-naïve	intersubject
independent	infusional	insulin-naive	inter-subject
in-depth	infusion-related	insulinogenic	interventional
indexed	ingested	insulin-resistant	interview-based
indian	inguinal	insulin-sensitizing	intestinal
indicated	inhalational	insulin-stimulated	intestine
indicative	inhaled	insulin-treated	intimal
indigenous	inhaler	intact	intimate
indirect	inherent	intake	intolerable
indistinguishable	inhibited	integral	intolerant
individual	inhibiting	integrated	intra
individualised	inhibitor	integrative	intraabdominal
individualized	inhibitor-1	intellectual	intra-abdominal
individual-level	inhibitor-based	intended	intra-arterial
individually-tailored	inhibitory	intense	intraarticular
indocyanine	in-home	intensive	intra-articular
indole	in-hospital	intentional	intra-bony
indomethacin	initial	intention-to-treat	intracellular
indoor	initiating	intent-to-treat	intracerebral
induced	injectable	interactive	intracoronary
inducible	injected	intercellular	intracortical
inductive	injection-site	interchangeable	intracranial
industrial	injured	intercompartmental	intractable
industrialized	injurious	intercostal	intracytoplasmic

intraepithelial	irinotecan	laryngeal	likert
intraepithelial	irregular	laryngoscopy	limbic
intraepithelial	irrelevant	last	limited
intraepithelial	irrespective	lasting	linear
intraepithelial	irreversible	last-observation-carried-forward	linezolid
intraepithelial	irritable	forward	lingual
intraepithelial	irritant	latanoprost	linguistic
intraepithelial	ischaemic	late	linoleic
intraepithelial	ischemic	late-life	lipid
intraepithelial	isocaloric	latency	lipid-altering
intraepithelial	isoenergetic	latent	lipid-lowering
intraepithelial	isokinetic	late-onset	lipid-modifying
intraepithelial	isolated	late-phase	lipophilic
intraepithelial	isometric	later	liposomal
intraepithelial	isosorbide-5-mononitrate	lateral	liquid
intraepithelial	isotonic	latest	lispro
intraepithelial	isrctn	late-stage	little
intraepithelial	italian	latin	live
intraepithelial	iterative	latin-square	live-attenuated
intraepithelial	iu	latter	living
intraepithelial	japanese	lavage	local
intraepithelial	joint	laxative	localised
intraepithelial	jugular	ldl	localized
intraepithelial	juvenile	ldl-c	locoregional
intraepithelial	kaplan-meier	ldl-cholesterol	logarithmic
intraepithelial	kcal	ldl-c-lowering	logical
intraepithelial	ketoconazole	le	logistic
intraepithelial	key	lead	logistical
intraepithelial	kg	lead-in	log-linear
intraepithelial	kg-1	lean	log-rank
intraepithelial	kinematic	learned	log-transformed
intraepithelial	kinetic	least	long
intraepithelial	known	least-square	long-acting
intraepithelial	korean	led	long-chain
intraepithelial	l	left	longer
intraepithelial	l1	left-sided	longer-term
intraepithelial	labelled	legal	longest
intraepithelial	laboratory-based	leisure-time	longitudinal
intraepithelial	laboratory-confirmed	lengthy	long-lasting
intraepithelial	lacosamide	leptin	long-standing
intraepithelial	lactic	lersivirine	longterm
intraepithelial	lactobacilli	lesional	long-term
intraepithelial	lactobacillus	less	loose
intraepithelial	lai	lesser	loperamide
intraepithelial	lamivudine	lethal	lopinavir
intraepithelial	lamotrigine	liberal	loracarbef
intraepithelial	lansoprazole	licensed	loracarbef-treated
intraepithelial	laparoscopic	lifelong	loratadine
intraepithelial	large	lifestyle	lot-to-lot
intraepithelial	larger	life-threatening	lovastatin
intraepithelial	large-scale	light	low
intraepithelial	largest	lighter	low-active
intraepithelial	laropiprant	likely	low-back

low-calorie	manual	methicillin-resistant	ml
low-carbohydrate	manualized	methicillin-susceptible	ml-1
low-cost	many	methodological	mm
low-density	marginal	methotrexate	mmhg
low-dose	marital	methotrexate-naive	mmol
lower	marked	metoprolol	mmp-3
lower-dose	masked	metric	mobile
lowest	mass	metronidazole	mobile-bearing
low-fat	matching	metropolitan	mobility
low-gi	maternal	mexican	mock
low-glycemic	mathematical	mf59-adjuvanted	modafinil
low-grade	mature	mg	modal
low-income	maximal	micro	model-based
low-intensity	maximum	microbial	modeled
low-level	maximum-tolerated	microbiologic	modeling
low-molecular-weight	mcg	microbiological	modelled
low-risk	mcr	microcirculatory	modelling
low-trauma	meal-induced	microg	moderate
lumbar	meal-related	micronized	moderated
luminal	mealtime	micronutrient	moderate-dose
lumiracoxib	mean	microscopic	moderate-fat
lupus	meaningful	microsomal	moderate-intensity
luteal	measurable	microvascular	moderate-to-severe
lymph	measured	mid	moderate-to-vigorous
lymphatic	mechanical	middle	moderating
lymphoblastic	mechanism-based	middle-aged	modern
lymphocyte	mechanistic	migraine	modest
lymphoproliferative	medial	migraine-associated	modifiable
macronutrient	median	migraine-related	modified
macrovascular	mediastinal	migraine-specific	modular
macular	mediate	mild	modulate
magnetic	mediated	milder	modulated
main	mediating	mild-moderate	modulating
major	medical	mild-to-moderate	modulatory
maladaptive	medication-free	military	moisturizing
malaria-endemic	medicinal	milk-based	molar
malarial	medium	mimetic	molecular
malaria-naïve	medium-term	mindfulness-based	monetary
male	mefloquine	minimal	monitored
maleate	mellitus	mini-mental	monocentric
malignant	memantine	minimum	monoclonal
malnourished	meningococcal	minor	monocular
mammalian	menopausal	minute	monogamous
mammographic	menstrual	mismatched	mononuclear
manageable	mental	missing	monophasic
mandatory	metabolic	mitochondrial	monotherapy
mandible	metabolite	mitogen-activated	monounsaturated
mandibular	metallic	mitral	monovalent
manic	metastatic	mitt	monoxide-confirmed
manifest	metered	mixed	montelukast
manipulative	metered-dose	mixed-effect	monthly
mantel-haenszel	metformin	mixed-effects	moral
mantle	metformin-treated	mixed-model	more

moreover	multisite	negligible	night-time
morphine-induced	multi-site	nelfinavir	nilotinib
morphological	multi-stage	neoadjuvant	ninety-eight
morphometric	multitargeted	neointimal	ninth
most	multivalent	neonatal	nitrate
motivated	multivariable	neoral	nitric
motivational	multivariable-adjusted	neovascular	nitrous
moxifloxacin	multivariate	nephrotic	nizatidine
mrcc	multivariate-adjusted	nervous	nm
mri	municipal	net	nnrti-resistant
mrna	mu-opioid	neural	nociceptive
mtx	muscular	neuraminidase	nocturnal
much	musculoskeletal	neurobehavioral	nodal
mucous	musical	neurobiological	node-positive
mug	mutant	neurochemical	no-effect
multi	mutated	neurocognitive	nominal
multicenter	mutational	neurodevelopmental	non
multi-center	mutual	neuroendocrine	nonadherent
multicentered	mycobacterial	neurogenic	nonadjuvanted
multicentre	mycophenolate	neurohormonal	non-adjuvanted
multi-centre	mycophenolic	neuroimaging	nonalcoholic
multicentric	myelodysplastic	neuroleptic	non-alcoholic
multicompartmental	myelogenous	neurologic	non-blind
multicomponent	myeloid	neurological	nonblinded
multi-component	myocardial	neuromuscular	non-blinded
multidimensional	n-3	neuronal	noncancer
multidisciplinary	naïve	neuropathic	noncardiac
multi-disciplinary	naive	neurophysiological	non-clinical
multidose	naproxen	neuroprotective	non-communicable
multi-dose	narrative	neuropsychiatric	noncomparative
multidrug	narrow	neuropsychological	noncompartmental
multidrug-resistant	nasal	neurosensory	non-compartmental
multi-ethnic	nasogastric	neurosurgical	non-coronary
multifaceted	nasopharyngeal	neurotrophic	nondepressed
multi-faceted	nateglinide	neurovascular	nondiabetic
multifactorial	national	neutral	non-diabetic
multi-factorial	nationwide	neutralizing	non-disabled
multifocal	native	neutropenic	non-dominant
multifunctional	natriuretic	neutrophil	non-elderly
multi-institutional	natural	new	non-exercise
multi-item	naturalistic	newborn	nonfasting
multikinase	nausea	newer	nonfatal
multilevel	n-back	new-onset	non-fatal
multi-level	near	next	non-hdl
multimodal	nearest	next-day	non-hdl-c
multinational	near-infrared	next-generation	non-hematological
multinomial	near-maximal	ng	non-high-density
multiple	nebulized	niacin	non-hispanic
multiple-ascending	necessary	niacin-induced	non-hodgkin
multiple-choice	necrotic	nicotine	nonhuman
multiple-dose	nefazodone	nicotinic	noninfectious
multiplex	negative	nifedipine	noninferior
multi-professional	negatively	nighttime	non-inferior

non-inferiority	non-small-cell	nulliparous	once-daily
non-inflammatory	nonsmoking	numeric	once-monthly
non-insulin	non-smoking	numerical	once-weekly
non-insulin-dependent	nonspecific	numerous	once-yearly
non-intervention	non-specific	nurse-delivered	oncogenic
noninvasive	nonsquamous	nurse-led	on-demand
non-invasive	non-squamous	nutrient	one-compartment
non-japanese	nonsteroidal	nutritional	one-fifth
nonlinear	non-steroidal	obese	one-half
non-linear	nonstructural	obesity-related	one-hour
nonlipid	non-st-segment	objective	one-month
non-malignant	non-supervised	objectively	one-sided
non-medical	nonsurgical	observable	one-tailed
nonmetastatic	non-surgical	observational	one-third
non-motor	non-tailored	observed	one-time
nonmyeloid	non-traumatic	observer-blind	one-to-one
non-neuropathic	non-treatment	observer-blinded	one-way
nonnucleoside	nontypeable	observer-masked	one-week
non-nucleoside	non-typeable	obsessive-compulsive	one-year
nonobese	non-vaccine	obstetric	ongoing
non-obese	non-verbal	obstetrical	on-going
nonocular	nonvertebral	obstructive	online
non-opioid	noradrenergic	obtainable	on-line
non-palpable	nordic	obvious	only
nonparametric	norepinephrine	oc	onset
non-parametric	norethindrone	occasional	on-site
nonpeptide	norethisterone	occipital	on-study
non-peptide	norfloxacin	occlusal	on-treatment
non-pharmaceutical	norgestimate	occlusive	oocyte
nonpharmacological	normal	occult	opaque
non-pharmacological	normalised	occupational	open
non-platinum	normalized	ocular	open-angle
nonpregnant	normal-weight	odd	open-ended
non-pregnant	normative	oesophageal	open-label
non-prescription	normotensive	oestradiol	open-labeled
nonprogressive	north	off-drug	operable
non-progressive	northern	office-based	operational
nonpsychotic	norwegian	off-label	operative
non-randomised	nosocomial	off-pump	ophthalmic
nonrandomized	notable	olanzapine	opiate
non-randomized	noteworthy	olanzapine-fluoxetine	opioid
nonrenal	noticeable	olanzapine-treated	opioid-induced
non-responder	no-treatment	old	opioid-related
non-response	novel	older	opportunistic
nonresponsive	noxious	oldest	opposite
nonselective	nph	oleic	oppositional
non-selective	n-telopeptide	oligomeric	opsonophagocytic
nonserious	n-terminal	oligonucleotide	optic
non-serious	nuclear	olive	optical
non-severe	nucleoside	omalizumab-treated	optimal
nonsignificant	nucleotide	omega-3	optimised
non-significant	nucleus	omeprazole	optimized
non-small	null	once-a-day	optimum

optional	p450-mediated	patient-reported	p-glycoprotein
or	paediatric	patient-specific	p-gp
oral	pai-1	pcr-corrected	ph
oral-dose	pain-free	peak	pharmaceutical
orange	painful	peaked	pharmacist-led
orbitofrontal	painless	peak-to-trough	pharmacodynamic
ordinal	pain-related	peak-trough	pharmacoeconomic
ordinary	paired	pedal	pharmacogenetic
organic	pakistani	pediatric	pharmacogenomic
organisational	palatable	pedometer-based	pharmacokinetic
organizational	paliperidone	peer	pharmacokinetic-
original	palliative	peer-led	pharmacodynamic
oropharyngeal	pancreatic	pegfilgrastim	pharmacologic
orthopaedic	pandemic	peg-ifn	pharmacological
orthopedic	paper-based	pegylated	pharmacoscintigraphic
orthostatic	paradoxical	pelvic	pharyngeal
oscillatory	parallel	pemetrexed	phase
oseltamivir	parallel-arm	penetrating	phase-ii
osmotic	parallel-group	pentavalent	phasic
osseous	parametric	peptic	ph-dependent
osteoblast	paramount	perceptible	phenotypic
osteoclast	parasite	perceptual	phid-cv
osteopenic	parasitological	percutaneous	phosphate
osteoporotic	parasymphathetic	perennial	phospholipid
otamixaban	parent	perfect	phosphorylated
other	parental	performance-based	photodamaged
outcome	parent-child	perinatal	photodynamic
outdoor	parenteral	perineal	photographic
outer	parent-focused	periodic	phq-9
out-of-pocket	parent-reported	periodontal	physical
outpatient	paretic	perioperative	physician
out-patient	paroxetine	peri-operative	physician-assessed
outreach	paroxetine-controlled	peripheral	physician-patient
outside	paroxysmal	periprocedural	physicochemical
ovarian	partial	periprosthetic	physiologic
ovary	particular	peritoneal	physiological
overactive	particulate	peri-urban	physiotherapy
overall	pasi	permanent	pi-based
overlap	passive	permuted	pilot
overlapping	past	peroral	pituitary
overnight	patellofemoral	peroxisome	pivotal
overt	pathogenic	per-patient	pk
over-the-counter	pathological	per-protocol	placebo
overweight	pathophysiological	persistent	placebo-adjusted
ovulatory	patient	personal	placebo-controlled
own	patient-blinded	personalised	placebo-corrected
oxaliplatin	patient-centered	personalized	placebo-subtracted
oxaliplatin-based	patient-centred	persuasive	placebo-treated
oxidant	patient-controlled	pertinent	placental
oxidative	patient-level	pertussis-inactivated	plain
oxidized	patient-perceived	pervasive	planned
oxygen-derived	patient-rated	pg	plaque
p	patient-related	pgi-i	platelet-rich

platinum-based	postoperative	pre-existing	preventing
platinum-sensitive	post-operative	preferable	preventive
plausible	postoperatively	preference-based	previous
pleasant	post-operatively	preferential	primaquine
pleiotropic	postpartum	preferred	primary
pleural	postprandial	prefrontal	prime
pneumatic	post-prandial	pregabalin-treated	prime-boost
pneumococcal	post-primary	pregnant	primed
point-of-care	postprocedural	prehospital	priming
poliovirus	post-stroke	prehypertensive	primiparous
polyclonal	post-study	pre-intervention	principal
polycystic	postsurgical	preliminary	print-based
polymeric	posttherapy	premalignant	prior
polymorphic	post-therapy	premature	priori
polysomnographic	post-training	pre-meal	private
polyunsaturated	post-transplant	premenopausal	proactive
pooled	posttraumatic	premenstrual	probabilistic
poor	post-traumatic	premier	probable
poorer	post-treatment	premixed	probing
popular	postural	prenatal	probiotic
population-based	postvoid	preoperative	problematic
population-level	potent	pre-operative	problem-solving
population-specific	potential	prepandemic	pro-brain
porous	powered	preparatory	procedural
portable	powerful	prepared	procedure-related
portal	ppm	preplanned	productive
posaconazole	practical	pre-planned	professional
positive	practice-based	pre-post	profibrinolytic
positive-controlled	pragmatic	preprandial	proficient
possible	pramlintide	pre-pregnancy	profile
postabsorptive	pramlintide-treated	prepubertal	profound
post-acute	prandial	pre-school	prognostic
postal	pravastatin	prescribed	progression-free
post-baseline	pre	present	progressive
post-brushing	prebiotic	preservative-free	proinflammatory
post-challenge	pre-brushing	preserved	pro-inflammatory
post-discharge	precancerous	prespecified	prolactin-related
postdose	precise	pre-specified	proliferative
post-dose	preclinical	pressurised	proliferator-activated
post-dosing	pre-clinical	pressurized	prolong
posterior	predefined	pre-study	prolonged
posterolateral	pre-defined	presumed	prominent
post-exercise	predetermined	presumptive	promising
post-exposure	pre-determined	presystemic	prompt
postherpetic	predictable	preterm	prone
posthoc	predictive	pre-test	pronounced
post-hoc	prednisolone	pretreated	propellant-free
post-intervention	predominant	pretreatment	proper
postmenopausal	pre-dose	pre-treatment	prophylactic
post-menopausal	preemptive	pre-vaccination	propionate
postmenstrual	pre-emptive	prevalent	propofol
postnatal	pre-erythrocytic	preventable	proportional
post-natal	pre-exercise	preventative	proposed

proprietary	qualified	ready	renal
proprioceptive	qualifying	real	renoprotective
prosocial	qualitative	realistic	repeatable
prospective	quality-adjusted	real-life	repeat-dose
prospectively	quality-of-life	real-time	repeated
prostate-specific	quantifiable	reasonable	repeated-dose
prostatic	quantitative	reassortant	repetitive
prosthetic	quarterly	receiver-operating	replicate
protease-activated	quartile	recent	reported
proteasome	quasi-experimental	recent-onset	representative
protective	questionable	receptive	reproducible
prothrombin	quetiapine	receptor-1	reproductive
protocol-defined	quick	receptor-mediated	required
protocol-specified	quicker	receptor-positive	resectable
prototypical	quiet	reciprocal	resected
proven	r	recognised	resident
provincial	rabeprazole	recombinant	residential
provisional	racemic	recommended	residual
provocative	racial	recorded	resistance-associated
proximal	radial	recreational	resistant
proxy	radical	rectal	resistive
psoriatic	radicular	recurrence-free	resource-limited
psychiatric	radioactive	recurrent	respective
psychic	radiographic	red	respiratory
psychodynamic	radiolabeled	reduced	responsible
psychoeducational	radiolabelled	redundant	responsive
psycho-educational	radiologic	referral	restless
psychological	radiological	refined	restorative
psychometric	radiostereometric	reflective	restricted
psychophysical	radiotherapy	refractive	restrictive
psychophysiological	ramelteon	refractory	resultant
psychosocial	ramipril	regional	retinal
psycho-social	random	registered	retrieval
psychotherapeutic	randomised	regular	retrospective
psychotic	randomised-controlled	regulating	reverse
psychotropic	randomized	regulatory	reversible
pubertal	randomized-controlled	rehabilitative	revised
public	randomly	relapse	rewarding
published	ranibizumab	relapsed	reward-related
pulmonary	ranibizumab-treated	relapse-free	rheumatic
pulsed	ranitidine	relapsing-remitting	rheumatoid
pure	ranitidine-treated	related	ribosomal
purpose	rank	relational	rich
purulent	rapamycin	relative	rifampicin
putative	rapid	relevant	right
p-value	rapid-acting	reliable	right-handed
pylori-negative	rare	reliever	rigid
qd	rash	relieving	rigorous
qol	rational	reluctant	risedronate
qt	rationale	remarkable	rising-dose
qtc	raw	remifentanil	risk-benefit
q-twist	reactive	remifentanil-based	risky
quadrivalent	reactogenic	remote	risperidone

risperidone-treated	sd	sepsis-induced	sigmoid
ritonavir-boosted	se	septal	sigmoidal
rivaroxaban	seasonal	septic	signal-regulated
rivastigmine	second	sequential	signed-rank
rizatriptan	secondary	sequestered	significant
robotic	second-generation	serial	sildenafil
robust	second-line	serious	silent
rodent	second-phase	serological	similar
rofecoxib	second-year	seronegative	simple
role-emotional	secretory	seropositive	simpler
role-physical	sectional	seroprotective	simplex
romiplostim	secure	serotonergic	simplified
rotational	sedated	serotype-specific	simulated
rotavirus	sedating	serous	simultaneous
rotigotine	sedative	serum	simvastatin
round	sedentary	sevelamer	single
routine	segmental	seven-day	single-agent
run-in	segmented	seven-point	single-arm
runny	seizure-free	seventh	single-ascending
rural	select	seventy	single-blind
saccadic	selected	seventy-eight	single-blinded
sacroiliac	selective	seventy-five	single-center
sad	self-administered	seventy-one	single-centre
safe	self-assessed	seventy-two	single-day
safer	self-care	several	single-dose
safety-related	self-completed	severe	single-item
sagittal	self-directed	sevoflurane	single-level
salient	self-efficacy	sex-matched	single-masked
salivary	self-esteem	sex-related	single-nucleotide
same	self-identified	sex-specific	single-pill
sanitary	self-limited	sexual	single-rooted
satisfactory	self-limiting	sf-36	single-site
satisfied	self-management	sf-6d	singleton
saturable	self-monitored	sgrq	singular
saturated	self-monitoring	sham-controlled	sinus
sbp	self-paced	sham-treated	sinusoidal
scale	self-perceived	shared	sirolimus-eluting
scale-cognitive	self-rated	sharp	site-specific
scale-revised	self-report	short	six-dose
scan	self-reported	short-acting	six-minute
scant	self-selected	short-course	six-month
scarce	semantic	shortened	sixth
scheduled	semi-automated	shorter	sixty-eight
schizoaffective	seminal	short-form	sixty-one
schizophrenic	semiquantitative	short-lived	six-way
school-age	semi-quantitative	short-term	six-week
school-aged	semistructured	sick	sizeable
school-based	semi-structured	sickle	skeletal
scientific	senior	sick-leave	skeletal-related
scintigraphic	sensitive	sick-listed	skilled
scottish	sensorineural	sickness	sle
screen-detected	sensory	side	sleep-related
screened	separate	side-effect	slight

slow	spectrometric	strata	subunit
slower	spherical	strategic	suburban
small	spinal	stratified	successful
small-cell	spine	streptococcal	successive
smaller	spiritual	stressful	such
smallest	spirometric	stress-induced	sucrose
small-molecule	splanchnic	stress-related	sudden
smear-positive	spleen	striatal	sufficient
smoking-related	split	strict	sugar-sweetened
smooth	split-face	striking	suggestive
soc	split-mouth	stringent	suicidal
so-called	split-virion	stromal	suitable
social	spontaneous	strong	sumatriptan
social-cognitive	sporadic	stronger	superficial
societal	sputum	strongest	superimposable
sociodemographic	squamous	stroop	superimposed
socio-demographic	square	structural	superior
socioeconomic	squat	structured	supervised
socio-economic	srl	studied	supine
sodium	stable	study	supplemental
sodium-glucose	stain	study-specific	supplementary
sofa	stand-alone	subacromial	supplemented
soft	standard	subacute	supportive
soft-tissue	standard-dose	sub-acute	suppressed
sole	standardised	subarachnoid	suppressive
solicited	standardized	subchronic	supragingival
solid	standard-of-care	subclinical	supratherapeutic
solid-phase	stannous	sub-clinical	supraventricular
soluble	staphylococcal	subcutaneous	surfactant
somatic	static	subepithelial	surgical
somatosensory	statin	subfoveal	surprising
sonic	statin-induced	subject	surrogate
sophisticated	statin-treated	subjective	survival
sorafenib	stationary	subject-reported	susceptible
sore	statistic	subject-specific	suspected
sound	statistical	sublingual	sustainable
south	stavudine	submaximal	sustained
southern	steady	subnormal	svcam-1
south-west	steady-state	suboptimal	swedish
soy-based	steep	sub-optimal	sweet
sp	stent	sub-saharan	swiss
spanish	stereoselective	subscale	swollen
spanish-speaking	stereotactic	subsequent	symbolic
sparse	sterile	substantial	symmetric
spatial	sternal	substantive	symmetrical
spatiotemporal	steroid	substrate	sympathetic
special	stimulant	sub-study	symptom
specialised	stimulating	subthalamic	symptomatic
specialist	stimulatory	subtherapeutic	symptom-based
specialized	stinging	subthreshold	symptom-free
specific	stochastic	sub-threshold	symptom-related
specified	straight	subtle	synaptic
spectral	strain-specific	subtype	synchronous

syncytial	therapist	tolerable	tricyclic
synergistic	therapy-naïve	tolerate	triple
synovial	thermal	tolerated	triple-blind
synthetic	thermogenic	toll-like	triple-therapy
systematic	thick	tolterodine	triplicate
systemic	thin	tonic	trivalent
system-related	thiopental	top	troublesome
systolic	third	top-down	truncated
t	third-line	topical	tryptophan
t1-weighted	third-party	topiramate	tuberculous
t2dm	thirst	topotecan	tubular
tacrolimus	thirty-eight	total	tumour
tactile	thirty-one	toxic	turkish
tadalafil	thoracic	toxoid	tutorial
tailored	thorough	trabecular	twelve-month
tailor-made	threatening	tracheal	twenty-eight
taiwanese	three-arm	traditional	twice
tamoxifen	three-armed	trained	twice-a-day
tamsulosin	three-day	training-induced	twice-daily
tanzanian	three-dimensional	tramadol	twice-weekly
taranabant	three-dose	tranexamic	twin
target-controlled	threefold	transarterial	two-arm
targeted	three-fold	transcranial	two-armed
task-related	three-month	transcriptional	two-center
tat	three-period	transcutaneous	two-centre
tau	three-treatment	transdermal	two-compartment
t-cell	three-way	transepidermal	two-dimensional
t-cell-mediated	three-week	transfusional	two-dose
technical	three-year	transient	two-factor
telephone-based	thrice-daily	transitional	twofold
telephone-delivered	thromboembolic	translational	two-fold
temporal	thrombolytic	transluminal	two-group
temporary	thrombotic	transmitted	two-hour
tended	thyroid	transparent	two-month
tender	tibial	transporter-mediated	two-part
tension-type	tibiofemoral	transrectal	two-period
ten-year	tid	transtheoretical	two-phase
terbinafine	tidal	transthoracic	two-sample
terfenadine	tight	transurethral	two-sequence
teriparatide	time-averaged	transvaginal	two-sided
terminal	time-dependent	traumatic	two-stage
tertiary	time-limited	treatment-associated	two-step
test	timely	treatment-as-usual	two-tailed
tested	time-matched	treatment-emergent	two-treatment
test-of-cure	time-weighted	treatment-experienced	two-way
testosterone	timolol	treatment-free	two-week
tetanus	tinnitus	treatment-induced	two-year
tetravalent	tissue-selective	treatment-naïve	tympanic
t-helper	titrated	treatment-naive	type
theoretical	t-lymphocyte	treatment-related	type-2
theory-based	tmax	treatment-resistant	type-specific
therapeutic	tocilizumab	tremendous	typhoid
therapeutical	tofacitinib	trial	typical

u-aqp2	undesired	unsafe	valproate
ubiquitous	undetectable	unsatisfactory	valproic
uc	undetected	unsaturated	valuable
uk	undetermined	unscheduled	valve
ulcerative	undiagnosed	unselected	valvular
ultimate	undifferentiated	unsolicited	vancomycin
ultra	unemployed	unspecific	vandetanib
ultra-long-acting	uneventful	unstable	varденаfil
ultrasonic	unexpected	unstimulated	varenicline
ultrasound	unexplained	unstructured	variable
ultrasound-guided	unexplored	unsuccessful	variant
umbilical	unfamiliar	unsuitable	varicella
unable	unfavorable	unsupervised	varicella-zoster
unacceptable	unfavourable	unsupported	varied
unadjusted	unfit	untested	various
unadjuvanted	unformed	untoward	varnish
unaffected	unfractionated	untrained	varus
unaltered	unhealthy	untranslated	vascular
unanswered	unhelpful	untreated	vasoactive
unanticipated	unidentified	unusual	vasodilating
unavailable	unified	unvaccinated	vasodilator-stimulated
unaware	uniform	unwanted	vasodilatory
unbalanced	unilateral	unwilling	vasogenic
unbiased	unimanual	upcoming	vasomotor
unblinded	uninfected	upper	vasopressor
unblinding	uninjured	uptitrated	vast
unboosted	unintended	up-titrated	vehicle-controlled
unbound	unintentional	urate	venlafaxine
uncemented	uninterrupted	urate-lowering	venous
uncertain	uninvolved	urban	ventilator-associated
unchanged	unipolar	urgent	ventilator-free
uncircumcised	unique	uric	ventilatory
unclear	univariate	urinary	ventral
uncomfortable	universal	urine	ventricular
uncommon	university-affiliated	urodynamic	ventromedial
uncomplicated	university-based	urological	verapamil
unconditional	unknown	usable	verbal
unconjugated	unlabelled	useful	verified
unconscious	unlikely	ustekinumab	versus
uncontrollable	unmet	ustekinumab-treated	vertebral
uncontrolled	unnecessary	usual	vertebroplasty
uncooperative	unpaired	usual-care	vertical
uncorrected	unplanned	uterine	very
under-five	unpleasant	uui	vestibular
undergone	unpredictable	vaccinated	viable
undergraduate	unprotected	vaccine-homologous	video
underlying	unrecognized	vaccine-induced	vietnamese
under-represented	unrelated	vaccine-related	vigorous
underserved	unreliable	vaccine-type	vildagliptin
understudied	unresectable	vagal	vildagliptin-treated
undertreated	unresolved	vaginal	viral
underwent	unresponsive	valid	virologic
undesirable	unrestricted	validated	virological

virosomal
 virtual
 virus-infected
 virus-like
 virus-specific
 visceral
 viscous
 visible
 visual
 visuospatial
 vital
 vitamin
 vitro-in
 vivid
 vivo
 vocational
 voided
 volar
 volatile
 volitional
 volumetric
 voluntary
 voriconazole
 vs
 vulnerable
 vulvar
 wait-listed
 warm
 warm-up
 washout
 wash-out
 watchful
 water-based
 water-soluble
 wc
 weak
 weaker
 weakly
 web-based
 website
 weekly
 weight
 weight-adjusted
 weight-based
 weighted
 weight-for-age
 weight-related
 well-accepted
 wellbeing
 well-characterized
 well-controlled
 well-defined
 well-designed

well-documented
 well-established
 well-known
 well-matched
 well-tolerated
 western
 wet
 wheezing
 white
 whitening
 whole
 whole-blood
 whole-body
 whole-cell
 whole-mouth
 wholesale
 wide
 wider
 widespread
 width
 wilcoxon
 wild
 wild-type
 willing
 willingness-to-pay
 wireless
 within-patient
 within-subject
 within-trial
 working
 work-related
 worksite
 worldwide
 worse
 worst
 worth
 worthwhile
 worthy
 written
 x
 ximelagatran
 x-ray
 year-long
 yearly
 year-old
 yellow
 young
 younger
 zoledronic

Appendix 3: Journals in which the abstracts were published, and number of abstracts by journal

Journal	Count
PloS one	475
Journal of clinical pharmacology	427
Trials	344
BMC public health	316
Diabetes care	247
British journal of clinical pharmacology	247
BMC musculoskeletal disorders	225
Clinical therapeutics	218
Current medical research and opinion	186
British journal of cancer	171
Vaccine	147
Antimicrobial agents and chemotherapy	143
Journal of clinical oncology: official journal of the American Society of Clinical Oncology	143
Clinical pharmacology and therapeutics	138
International journal of clinical pharmacology and therapeutics	126
BMC psychiatry	121
New England journal of medicine	119
Lancet	116
BMJ (Clinical research ed.)	113
Diabetes, obesity and metabolism	111
Journal of clinical psychiatry	110
Critical care (London, England)	109
Journal of clinical endocrinology and metabolism	108
Annals of the rheumatic diseases	107
BMC health services research	107
BMC cancer	102
European journal of clinical pharmacology	99
Arthritis and rheumatism	86
Clinical pharmacokinetics	85
Nutrition journal	83
Respiratory medicine	79
Journal of infectious diseases	78
Journal of clinical psychopharmacology	77
Alimentary pharmacology and therapeutics	77
Journal of medical Internet research	76
BMC geriatrics	75
Psychopharmacology	74
International journal of clinical practice	71
BMC family practice	68
Pediatric infectious disease journal	63
BMC pediatrics	63
Respiratory research	62
Health and quality of life outcomes	61
BMC complementary and alternative medicine	61

Journal	Count	Journal	Count
American journal of cardiology	61	Headache	36
American heart journal	60	Journal of international medical research	35
BMC neurology	58	Schizophrenia research	35
Journal of rheumatology	57	Pharmacotherapy	34
Biopharmaceutics and drug disposition	56	Journal of acquired immune deficiency syndromes (1999)	34
Diabetic medicine: a journal of the British Diabetic Association	55	British journal of nutrition	34
Clinical infectious diseases: an official publication of the Infectious Diseases Society of America	54	International journal of behavioral nutrition and physical activity	34
Malaria journal	53	Diabetes	34
Journal of antimicrobial chemotherapy	52	American journal of psychiatry	34
Journal of clinical dentistry	52	Yonsei medical journal	33
Clinical drug investigation	49	Thorax	33
Arthritis research and therapy	48	Annals of allergy, asthma and immunology: official publication of the American College of Allergy, Asthma, and Immunology	33
BMC nephrology	47	Arzneimittel-Forschung	33
Annals of oncology: official journal of the European Society for Medical Oncology/ESMO	46	American journal of dentistry	33
Osteoporosis international: a journal established as result of cooperation between the European Foundation for Osteoporosis and the National Osteoporosis Foundation of the USA	46	British journal of dermatology	33
Cephalalgia: an international journal of headache	45	BMC pulmonary medicine	32
BMC infectious diseases	44	Chest	32
Circulation	44	Journal of nutrition	32
Lipids in health and disease	44	Journal of Korean medical science	32
Journal of bone and mineral research: the official journal of the American Society for Bone and Mineral Research	43	BMC medical research methodology	32
American journal of gastroenterology	43	Journal of neuroscience: the official journal of the Society for Neuroscience	31
Ophthalmology	43	American journal of respiratory and critical care medicine	31
American journal of clinical nutrition	43	Journal of cardiovascular pharmacology	31
BMC medical education	43	Breast cancer research and treatment	31
Clinical cancer research: an official journal of the American Association for Cancer Research	43	Neuropsychopharmacology: official publication of the American College of Neuropsychopharmacology	30
Cancer chemotherapy and pharmacology	42	BJU international	30
European heart journal	40	Clinics (São Paulo, Brazil)	30
British journal of psychiatry: the journal of mental science	40	Acta orthopaedica	30
European respiratory journal	40	Diabetes research and clinical practice	30
Journal of affective disorders	39	Critical care medicine	30
Journal of the American College of Cardiology	39	Journal of psychiatric research	30
Pediatrics	39	Human vaccines	30
International journal of chronic obstructive pulmonary disease	38	Journal of psychopharmacology (Oxford, England)	29
Biological psychiatry	38	Gastroenterology	29
BMC cardiovascular disorders	38	International clinical psychopharmacology	29
Neurology	38	Journal of clinical hypertension (Greenwich, Conn.)	28
BMC gastroenterology	37	Cardiovascular diabetology	28
European journal of cancer (Oxford, England: 1990)	37	Clinical journal of pain	28
BMC medicine	37	Pain	27
BMC pregnancy and childbirth	36	Implementation science: IS	27
Diabetes technology and therapeutics	36	Drug metabolism and disposition: the biological fate of chemicals	27
		Cancer	27
		Metabolism: clinical and experimental	27
		Journal of allergy and clinical immunology	27

Journal	Count	Journal	Count
Bone	27	European journal of heart failure	21
Rheumatology (Oxford, England)	27	Journal of pharmaceutical sciences	21
Journal of sexual medicine	27	BMC medical informatics and decision making	21
AIDS (London, England)	27	Nephrology, dialysis, transplantation: official publication of the European Dialysis and Transplant Association—European Renal Association	21
Hypertension	27	Blood	21
Thrombosis and haemostasis	26	Hepatology (Baltimore, Md.)	20
British journal of anaesthesia	25	World journal of surgery	20
Journal of strength and conditioning research/National Strength and Conditioning Association	25	Heart (British Cardiac Society)	20
Urology	25	Vascular health and risk management	20
Annals of internal medicine	25	Human psychopharmacology	20
Lancet. Oncology	25	JAMA	20
Stroke; a journal of cerebral circulation	25	Archives of internal medicine	20
Journal of headache and pain	24	Patient education and counseling	19
Value in health: the journal of the International Society for Pharmacoeconomics and Outcomes Research	24	Pain medicine (Malden, Mass.)	19
Journal of cardiothoracic surgery	24	Clinical journal of the American Society of Nephrology: CJASN	19
Obesity (Silver Spring, Md.)	24	HIV clinical trials	19
European journal of applied physiology	24	Nicotine and tobacco research: official journal of the Society for Research on Nicotine and Tobacco	19
Pharmaceutical research	24	American journal of therapeutics	19
Journal of the American Geriatrics Society	24	Intensive care medicine	19
Journal of urology	24	Clinical interventions in aging	19
Journal of cognitive neuroscience	24	American journal of hypertension	19
BMC surgery	24	Lancet. Neurology	19
Journal of pain: official journal of the American Pain Society	24	Fertility and sterility	18
Journal of thoracic oncology: official publication of the International Association for the Study of Lung Cancer	23	Contraception	18
Contemporary clinical trials	23	Pulmonary pharmacology and therapeutics	18
Journal of general internal medicine	23	Human reproduction (Oxford, England)	18
Journal of hypertension	23	Epilepsia	18
Arthritis care and research	23	Atherosclerosis	18
Scientificworldjournal	22	Psychoneuroendocrinology	18
Health psychology: official journal of the Division of Health Psychology, American Psychological Association	22	Journal of asthma: official journal of the Association for the Care of Asthma	17
Diabetologia	22	Allergy and asthma proceedings: the official journal of regional and state allergy societies	17
Journal of human hypertension	22	PharmacoEconomics	17
Medicine and science in sports and exercise	22	Obstetrics and gynecology	17
Journal of the American Academy of Dermatology	22	International journal of obesity (2005)	17
Spine	22	Postgraduate medicine	17
European journal of clinical nutrition	22	Journal of diabetes science and technology	17
Clinical and vaccine immunology: CVI	22	Journal of bone and joint surgery. American volume	17
Preventive medicine	22	Transplantation	17
American journal of tropical medicine and hygiene	22	BMC clinical pharmacology	17
Anesthesia and analgesia	22	Reproductive biology and endocrinology: RB&E	17
Digestive diseases and sciences	22	BMC ophthalmology	16
Journal of child and adolescent psychopharmacology	21	Drugs in R&D	16
Menopause (New York, N.Y.)	21	BMC research notes	16
Journal of clinical epidemiology	21	European urology	16
International journal of cancer. Journal international du cancer	21		

Journal	Count	Journal	Count
Kidney international	16	Anesthesiology	13
American journal of kidney diseases: the official journal of the National Kidney Foundation	16	International journal of antimicrobial agents	13
Quality of life research: an international journal of quality of life aspects of treatment, care and rehabilitation	16	Lung cancer (Amsterdam, Netherlands)	13
British journal of general practice: the journal of the Royal College of General Practitioners	16	Cancer prevention research (Philadelphia, Pa.)	13
Appetite	16	Medicina oral, patología oral y cirugía-bucal	13
Oncologist	16	Hormone and metabolic research = Hormon- und Stoffwechselforschung = Hormones et métabolisme	13
American journal of medicine	16	Acta anaesthesiologica Scandinavica	13
Medical science monitor: international medical journal of experimental and clinical research	16	International journal of medical sciences	13
Journal of the American College of Nutrition	16	Cancer epidemiology, biomarkers and prevention: a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology	13
PLoS neglected tropical diseases	16	Cardiovascular ultrasound	13
Journal of alternative and complementary medicine (New York, NY)	16	British journal of surgery	13
Nutrients	16	Calcified tissue international	13
Surgical endoscopy	16	Journal of gastroenterology and hepatology	12
Psychopharmacology bulletin	15	International journal of gynaecology and obstetrics: the official organ of the International Federation of Gynaecology and Obstetrics	12
Human vaccines and immunotherapeutics	15	Journal of thrombosis and haemostasis: JTH	12
Psychiatry research	15	Allergy	12
Archives of general psychiatry	15	Behaviour research and therapy	12
British journal of ophthalmology	15	AIDS and behavior	12
Journal of pediatrics	15	American journal of physiology. Endocrinology and metabolism	12
European journal of anaesthesiology	15	Anaesthesia	12
Journal of periodontology	15	Investigative ophthalmology and visual science	12
International journal of cardiology	15	European journal of endocrinology/European Federation of Endocrine Societies	12
Clinical rehabilitation	14	Archives of pediatrics and adolescent medicine	12
Multiple sclerosis (Houndmills, Basingstoke, England)	14	Circulation journal: official journal of the Japanese Circulation Society	12
Annals of pharmacotherapy	14	Paediatric anaesthesia	12
International journal of geriatric psychiatry	14	Journal of neurophysiology	12
Expert opinion on pharmacotherapy	14	Compendium of continuing education in dentistry (Jamesburg, NJ: 1995)	12
Environmental health perspectives	14	British journal of sports medicine	12
Journal of pharmacology and experimental therapeutics	14	European spine journal: official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society	12
Addictive behaviors	14	Investigational new drugs	12
American journal of transplantation: official journal of the American Society of Transplantation and the American Society of Transplant Surgeons	14	American journal of health-system pharmacy: AJHP: official journal of the American Society of Health-System Pharmacists	12
Gut	14	BMC women's health	12
European neuropsychopharmacology: the journal of the European College of Neuropsychopharmacology	14	Journal of drugs in dermatology: JDD	12
PLoS medicine	14	Archives of physical medicine and rehabilitation	12
Thrombosis research	14	Health education research	11
Journal of the American Academy of Child and Adolescent Psychiatry	14	Journal of the National Cancer Institute	11
AIDS research and human retroviruses	13	Journal of neuroengineering and rehabilitation	11
American journal of obstetrics and gynecology	13		
Archives of ophthalmology	13		
Experimental brain research	13		
American journal of surgery	13		

Journal	Count	Journal	Count
Advances in therapy	11	Dermatologic surgery: official publication for American Society for Dermatologic Surgery [et al.]	10
Korean journal of ophthalmology: KJO	11	Upsala journal of medical sciences	10
Radiation oncology (London, England)	11	Otolaryngology–head and neck surgery: official journal of American Academy of Otolaryngology–Head and Neck Surgery	10
Antiviral therapy	11	Drug and alcohol dependence	10
Pharmacogenetics and genomics	11	European journal of nutrition	10
American journal of ophthalmology	11	Vision research	10
Journal of consulting and clinical psychology	11	Cardiovascular drugs and therapy/sponsored by the International Society of Cardiovascular Pharmacotherapy	10
Journal of bone and joint surgery. British volume	11	Lancet. Infectious diseases	10
Bone marrow transplantation	11	Nutrition (Burbank, Los Angeles County, Calif.)	10
Journal of dermatological treatment	11	International psychogeriatrics/IPA	10
Psychological medicine	11	Journal of nutrition education and behavior	10
European journal of clinical microbiology and infectious diseases: official publication of the European Society of Clinical Microbiology	11	European journal of pain (London, England)	10
World journal of surgical oncology	11	Journal of neurology	10
Maturitas	11	Clinical pediatrics	9
BMC emergency medicine	11	Climacteric: the journal of the International Menopause Society	9
Journal of the American Society of Hypertension: JASH	11	Circulation. Cardiovascular genetics	9
Age and ageing	11	Journal of cardiovascular magnetic resonance: official journal of the Society for Cardiovascular Magnetic Resonance	9
Bipolar disorders	10	Clinical neuropharmacology	9
Journal of adolescent health: official publication of the Society for Adolescent Medicine	10	International journal of neuropsychopharmacology/official scientific journal of the Collegium Internationale Neuropsychopharmacologicum (CINP)	9
European journal of neurology: the official journal of the European Federation of Neurological Societies	10	Journal of clinical lipidology	9
International journal of sport nutrition and exercise metabolism	10	Scandinavian journal of trauma, resuscitation and emergency medicine	9
Drugs	10	COPD	9
Supportive care in cancer: official journal of the Multinational Association of Supportive Care in Cancer	10	Clinical and experimental rheumatology	9
Arteriosclerosis, thrombosis, and vascular biology	10	Journal of pharmacokinetics and pharmacodynamics	9
Journal of anesthesia	10	International journal of pharmaceutics	9
Annals of behavioral medicine: a publication of the Society of Behavioral Medicine	10	Journal of opioid management	9
Journal of Alzheimer's disease: JAD	10	Journal of translational medicine	9
Journal of hepatology	10	Gastrointestinal endoscopy	9
Clinical nutrition (Edinburgh, Scotland)	10	Sexually transmitted diseases	9
Journal of pediatric gastroenterology and nutrition	10	Clinical and experimental allergy: journal of the British Society for Allergy and Clinical Immunology	9
Journal of attention disorders	10	Journal of contemporary dental practice	9
Osteoarthritis and cartilage/OARS, Osteoarthritis Research Society	10	Scandinavian journal of gastroenterology	9
Pharmacopsychiatry	10	American journal of sports medicine	9
Depression and anxiety	10	Journal of clinical pharmacy and therapeutics	9
Chemotherapy	10	Journal of the American Dietetic Association	9
Journal of cardiac failure	10	Japanese journal of clinical oncology	9
World journal of gastroenterology: WJG	10	Public health nutrition	9
Neuropsychologia	10	Journal of autism and developmental disorders	9
Diabetes and vascular disease research: official journal of the International Society of Diabetes and Vascular Disease	10		
Progress in neuro-psychopharmacology and biological psychiatry	10		

Journal	Count	Journal	Count
Clinical gastroenterology and hepatology: the official clinical practice journal of the American Gastroenterological Association	9	Acupuncture in medicine: journal of the British Medical Acupuncture Society	8
Asian Pacific journal of cancer prevention: APJCP	9	International journal of colorectal disease	8
Journal of arthroplasty	9	Inflammatory bowel diseases	8
Biological psychology	9	Dermatology (Basel, Switzerland)	8
Hypertension research: official journal of the Japanese Society of Hypertension	9	International journal of nursing studies	8
European journal of pharmaceutical sciences: official journal of the European Federation for Pharmaceutical Sciences	9	Journal of perinatology: official journal of the California Perinatal Association	8
British journal of health psychology	9	Substance abuse treatment, prevention, and policy	8
Sexually transmitted infections	9	Pharmacology	8
Journal of ocular pharmacology and therapeutics: the official journal of the Association for Ocular Pharmacology and Therapeutics	9	British journal of haematology	8
Indian journal of ophthalmology	9	Experimental and clinical endocrinology and diabetes: official journal, German Society of Endocrinology [and] German Diabetes Association	8
American journal of geriatric psychiatry: official journal of the American Association for Geriatric Psychiatry	8	Chinese medical journal	7
Eye (London, England)	8	European journal of medical research	7
Reproductive biomedicine online	8	Journal of orthopaedic and sports physical therapy	7
Journal of neurology, neurosurgery, and psychiatry	8	Perception	7
Europace: European pacing, arrhythmias, and cardiac electrophysiology: journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology	8	International orthopaedics	7
Archives of disease in childhood	8	European journal of contraception and reproductive health care: the official journal of the European Society of Contraception	7
Diabetes/metabolism research and reviews	8	Breast cancer research: BCR	7
BJOG: an international journal of obstetrics and gynaecology	8	Journal of clinical nursing	7
Cancer causes and control: CCC	8	BMC neuroscience	7
European journal of cardiovascular prevention and rehabilitation: official journal of the European Society of Cardiology, Working Groups on Epidemiology and Prevention and Cardiac Rehabilitation and Exercise Physiology	8	Behavioral and brain functions: BBF	7
Infectious diseases in obstetrics and gynecology	8	International journal of sports medicine	7
Nutrition research (New York, NY)	8	Brain: a journal of neurology	7
Tropical medicine and international health: TM and IH	8	Psychology and health	7
Journal of lipid research	8	Journal of occupational and environmental medicine/ American College of Occupational and Environmental Medicine	7
Addiction (Abingdon, England)	8	Science translational medicine	7
Pediatric pulmonology	8	International journal of impotence research	7
Clinical oral investigations	8	Journal of occupational rehabilitation	7
Cardiology	8	Surgical infections	7
Journal of child psychology and psychiatry, and allied disciplines	8	Journal of the American Society of Nephrology: JASN	7
American journal of preventive medicine	8	Arthroscopy: the journal of arthroscopic and related surgery: official publication of the Arthroscopy Association of North America and the International Arthroscopy Association	7
Knee surgery, sports traumatology, arthroscopy: official journal of the ESSKA	8	European journal of obstetrics, gynecology, and reproductive biology	7
Proceedings of the National Academy of Sciences of the United States of America	8	Annals of surgery	7
Clinical endocrinology	8	Journal of sports sciences	7
Epilepsy and behavior: E&B	8	Journal of oral and maxillofacial surgery: official journal of the American Association of Oral and Maxillofacial Surgeons	7
Clinical cardiology	8	Head and face medicine	7
		Basic and clinical pharmacology and toxicology	7
		Pediatric research	7
		Journal of evaluation in clinical practice	7

Journal	Count	Journal	Count
American journal of cardiovascular drugs: drugs, devices, and other interventions	7	Journal of endourology/Endourological Society	6
Journal of the European Academy of Dermatology and Venereology: JEADV	7	Applied physiology, nutrition, and metabolism = Physiologie appliquée, nutrition et métabolisme	6
European journal of cardio-thoracic surgery: official journal of the European Association for Cardio-thoracic Surgery	7	Oncology	6
Movement disorders: official journal of the Movement Disorder Society	7	Scandinavian journal of work, environment and health	6
Sleep medicine	7	Journal of manipulative and physiological therapeutics	6
American journal of managed care	7	International journal of infectious diseases: IJID: official publication of the International Society for Infectious Diseases	6
HPB surgery: a world journal of hepatic, pancreatic and biliary surgery	7	International urology and nephrology	6
Blood pressure monitoring	7	Journal of aerosol medicine: the official journal of the International Society for Aerosols in Medicine	6
Gynecologic oncology	7	Journal of the American Heart Association	6
International journal of radiation oncology, biology, physics	7	Anti-cancer drugs	6
Journal of behavioral medicine	7	Acta paediatrica (Oslo, Norway: 1992)	6
Dementia and geriatric cognitive disorders	7	Transactions of the Royal Society of Tropical Medicine and Hygiene	6
Journal of cardiothoracic and vascular anesthesia	7	Journal of glaucoma	6
Occupational and environmental medicine	7	Annals of surgical oncology	6
Asia Pacific journal of clinical nutrition	7	Oral surgery, oral medicine, oral pathology, oral radiology, and endodontics	6
Clinical orthopaedics and related research	7	BMC oral health	6
Minerva anesthesiologica	7	Clinical trials (London, England)	6
Journal of the Association of Physicians of India	7	Journal of bone and mineral metabolism	6
Mayo Clinic proceedings	7	Therapeutic drug monitoring	6
Journals of gerontology. Series A, Biological sciences and medical sciences	7	Mediators of inflammation	6
BMC dermatology	7	Cerebrovascular diseases (Basel, Switzerland)	6
Canadian journal of anaesthesia = Journal canadien d'anesthésie	7	Respirology (Carlton, Vic.)	6
Sleep	7	Family practice	6
Platelets	7	Journal of health, population, and nutrition	6
Journal of clinical anesthesia	7	Journal of pharmacy and pharmacology	6
Journal of epidemiology and community health	7	Scandinavian journal of gastroenterology. Supplement	6
BMC urology	7	Journal of anxiety disorders	6
Pain practice: the official journal of World Institute of Pain	7	Journal of women's health (2002)	6
Journal of internal medicine	7	Medical care	6
Pharmacogenomics journal	7	Epilepsy research	6
Translational psychiatry	7	Journal of the Indian Medical Association	6
NeuroImage	7	Journal of viral hepatitis	6
Phytomedicine: international journal of phytotherapy and phytopharmacology	6	Medical decision making: an international journal of the Society for Medical Decision Making	6
Journal of applied physiology (Bethesda, Md.: 1985)	6	Journal of the American Medical Directors Association	6
European journal of clinical investigation	6	Neuropsychobiology	6
Retina (Philadelphia, Pa.)	6	Paediatric drugs	6
Journal of endocrinological investigation	6	Haematologica	6
Neurourology and urodynamics	6	Journal of diabetes and its complications	6
Scandinavian journal of clinical and laboratory investigation	6	Acta psychiatrica Scandinavica	6
Physiology and behavior	6	Journal of behavior therapy and experimental psychiatry	6
Neuropharmacology	6	Annals of the New York Academy of Sciences	6
Acta oncologica (Stockholm, Sweden)	6	Angle orthodontist	6

Journal	Count	Journal	Count
Journal of gastroenterology	6	Diagnostic microbiology and infectious disease	5
Indian journal of medical research	6	Pediatric allergy and immunology: official publication of the European Society of Pediatric Allergy and Immunology	5
American journal of physical medicine and rehabilitation/ Association of Academic Physiatrists	6	Cutis	5
Laryngoscope	6	Archives of neurology	5
Clinical breast cancer	6	Journal of negative results in biomedicine	5
Journal of experimental psychology. Human perception and performance	6	Journal of stroke and cerebrovascular diseases: the official journal of National Stroke Association	5
Hepato-gastroenterology	6	European journal of drug metabolism and pharmacokinetics	5
Journal of pain and symptom management	6	Journal of ECT	5
Current Alzheimer research	6	AAPS journal	5
Journal of experimental and clinical cancer research: CR	6	Journal of the neurological sciences	5
Molecular psychiatry	6	Journal of chemotherapy (Florence, Italy)	5
Journal of neural transmission (Vienna, Austria: 1996)	6	Clinical science (London, England: 1979)	5
Journal of cataract and refractive surgery	6	Canadian journal of cardiology	5
Community dentistry and oral epidemiology	6	Journal of traditional Chinese medicine = Chung i tsa chih ying wen pan/sponsored by All-China Association of Traditional Chinese Medicine, Academy of Traditional Chinese Medicine	5
Pacing and clinical electrophysiology: PACE	6	Journal of psychosomatic research	5
European journal of dermatology: EJD	6	Blood pressure	5
Psychological research	6	Journal of the Medical Association of Thailand = Chotmai het thangkaet	5
EuroIntervention: journal of EuroPCR in collaboration with the Working Group on Interventional Cardiology of the European Society of Cardiology	6	Neurogastroenterology and motility: the official journal of the European Gastrointestinal Motility Society	5
Annals of clinical psychiatry: official journal of the American Academy of Clinical Psychiatrists	6	Saudi medical journal	5
Annals of allergy	6	Pediatric diabetes	5
American journal of physiology. Gastrointestinal and liver physiology	5	International journal of dermatology	5
International journal of clinical pharmacology research	5	Endocrine practice: official journal of the American College of Endocrinology and the American Association of Clinical Endocrinologists	5
Journal of clinical sleep medicine: JCSM: official publication of the American Academy of Sleep Medicine	5	Alzheimer disease and associated disorders	5
American journal of hematology	5	Journal of thrombosis and thrombolysis	5
Radiotherapy and oncology: journal of the European Society for Therapeutic Radiology and Oncology	5	Parkinsonism and related disorders	5
Pharmaceutical statistics	5	Health communication	5
AIDS patient care and STDs	5	Lasers in medical science	5
Psychotherapy and psychosomatics	5	Journal of the American Dental Association (1939)	5
Helicobacter	5	International dental journal	5
British journal of pharmacology	5	Psychiatric services (Washington, DC)	5
Graefe's archive for clinical and experimental ophthalmology = Albrecht von Graefes Archiv für klinische und experimentelle Ophthalmologie	5	Journal of gastrointestinal surgery: official journal of the Society for Surgery of the Alimentary Tract	5
Photomedicine and laser surgery	5	Journal of orthopaedics and traumatology: official journal of the Italian Society of Orthopaedics and Traumatology	5
Operative dentistry	5	Schizophrenia bulletin	5
European psychiatry: the journal of the Association of European Psychiatrists	5	Clinical and applied thrombosis/hemostasis: official journal of the International Academy of Clinical and Applied Thrombosis/Hemostasis	5
Cerebral cortex (New York, NY: 1991)	5	European child and adolescent psychiatry	5
European journal of gastroenterology and hepatology	5	Clinics in orthopedic surgery	5
Journal of hematology and oncology	5	Particle and fibre toxicology	5
Journal of thoracic and cardiovascular surgery	5	Drug design, development and therapy	5
Korean journal of radiology: official journal of the Korean Radiological Society	5		

Journal	Count	Journal	Count
Physical therapy	5	Clinical microbiology and infection: the official publication of the European Society of Clinical Microbiology and Infectious Diseases	4
Statistics in medicine	5	International journal of clinical pharmacology, therapy, and toxicology	4
Journal of interventional cardiology	5	Journal of abnormal child psychology	4
Journal of endodontics	5	Archives of dermatological research	4
Sleep and breathing = Schlaf & Atmung	5	Emergency medicine journal: EMJ	4
Emotion (Washington, DC)	5	Journal of pediatric endocrinology and metabolism: JPEM	4
Journal of vascular surgery	5	Clinical lung cancer	4
Middle East journal of anaesthesiology	5	Transplant international: official journal of the European Society for Organ Transplantation	4
European journal of vascular and endovascular surgery: the official journal of the European Society for Vascular Surgery	5	Nutrition, metabolism, and cardiovascular diseases: NMCD	4
Journal of clinical gastroenterology	5	International journal of epidemiology	4
Gynecological endocrinology: the official journal of the International Society of Gynecological Endocrinology	5	Respiratory physiology and neurobiology	4
International journal of technology assessment in health care	5	Journal of cystic fibrosis: official journal of the European Cystic Fibrosis Society	4
HIV medicine	5	Gynecologic and obstetric investigation	4
Journal of virology	5	European journal of haematology	4
Regional anesthesia and pain medicine	5	Journal of diabetes	4
Journal of pharmacokinetics and biopharmaceutics	4	Clinical and experimental pharmacology and physiology	4
Resuscitation	4	International journal of psychophysiology: official journal of the International Organization of Psychophysiology	4
Skin pharmacology and physiology	4	Clinical and experimental hypertension (New York, NY: 1993)	4
Saudi journal of gastroenterology: official journal of the Saudi Gastroenterology Association	4	Allergology international: official journal of the Japanese Society of Allergology	4
Scandinavian journal of rheumatology. Supplement	4	European archives of oto-rhino-laryngology: official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS): affiliated with the German Society for Oto-Rhino-Laryngology—Head and Neck Surgery	4
Fundamental and clinical pharmacology	4	Acta psychologica	4
European journal of preventive cardiology	4	Seminars in oncology	4
Aging and mental health	4	Scandinavian journal of public health	4
Journal of clinical periodontology	4	European neurology	4
Journal of biopharmaceutical statistics	4	Molecular vision	4
Health education and behavior: the official publication of the Society for Public Health Education	4	Journal of cardiovascular nursing	4
Journal of dentistry	4	Infection	4
European radiology	4	Journal of atherosclerosis and thrombosis	4
Journal of the American Medical Informatics Association: JAMIA	4	Scandinavian journal of medicine and science in sports	4
Journal of studies on alcohol and drugs	4	American journal of geriatric pharmacotherapy	4
Seminars in arthritis and rheumatism	4	International journal of stroke: official journal of the International Stroke Society	4
Psychosomatic medicine	4	Ophthalmologica. Journal international d'ophtalmologie. International journal of ophthalmology. Zeitschrift für Augenheilkunde	4
Circulation. Cardiovascular quality and outcomes	4	Journal of the Formosan Medical Association = Taiwan yi zhi	4
Palliative medicine	4	Journal of cosmetic dermatology	4
Journal of dental research	4	Psychology, health and medicine	4
Journal of immunotherapy (Hagerstown, Md: 1997)	4	International urogynecology journal	4
Medical journal of Australia	4	American journal of infection control	4
CMAJ: Canadian Medical Association journal = journal de l'Association medicale canadienne	4		
International archives of allergy and immunology	4		
Gait and posture	4		
AJNR. American journal of neuroradiology	4		
Transplantation proceedings	4		
Child: care, health and development	4		

Journal	Count	Journal	Count
American journal of rhinology and allergy	4	Nursing research	4
Scandinavian journal of urology and nephrology	4	Journal of the Indian Society of Pedodontics and Preventive Dentistry	4
Techniques in coloproctology	4	Artificial organs	4
Spine journal: official journal of the North American Spine Society	4	Journal of rehabilitation medicine	4
Anticancer research	4	International urogynecology journal and pelvic floor dysfunction	4
Journal of cardiovascular pharmacology and therapeutics	4	Transfusion	4
Blood coagulation and fibrinolysis: an international journal in haemostasis and thrombosis	4	Muscle and nerve	4
Annals of thoracic surgery	4	Applied psychophysiology and biofeedback	4
Lupus	4	Orthopedics	4
Leukemia	4	Knee	4
Clinical biomechanics (Bristol, Avon)	4	International journal of obesity and related metabolic disorders: journal of the International Association for the Study of Obesity	4
European journal of pediatrics	4	Circulation. Cardiovascular interventions	4
Neuroscience letters	4	Chinese journal of integrative medicine	4
BMC medical genetics	4	Journal of physical activity and health	4
Circulation. Arrhythmia and electrophysiology	4	Modern rheumatology/the Japan Rheumatism Association	4
Pain physician	4	Journal of child neurology	4
Rheumatology international	4	Archives of orthopaedic and trauma surgery	4
Science (New York, NY)	4	Anaesthesia and intensive care	4
Neurobiology of learning and memory	4	Clinical toxicology (Philadelphia, Pa.)	4
Antiviral research	4	AIDS care	4
Expert opinion on investigational drugs	4	American journal of Alzheimer's disease and other dementias	4
Military medicine	4	Pediatric nephrology (Berlin, Germany)	4
Oncology reports	4	Journal of medical economics	4
Metabolic syndrome and related disorders	4	Cancer research	4
Journal of substance abuse treatment	4	Pharmacological reports: PR	4
Regulatory toxicology and pharmacology: RTP	4	Injury prevention: journal of the International Society for Child and Adolescent Injury Prevention	3
Brain, behavior, and immunity	4	Neurorehabilitation and neural repair	3
Archives of dermatology	4	Annals of nutrition and metabolism	3
International journal of behavioral medicine	4	Skin research and technology: official journal of International Society for Bioengineering and the Skin (ISBS) [and] International Society for Digital Imaging of Skin (ISDIS) [and] International Society for Skin Imaging (ISSI)	3
Journal of medicinal food	4	Journal of the American Board of Family Medicine: JABFM	3
Alcoholism, clinical and experimental research	4	Journal of clinical immunology	3
Acta neurochirurgica. Supplement	4	Journal of telemedicine and telecare	3
Current HIV research	4	American journal of nephrology	3
Journal of cardiovascular electrophysiology	4	Health expectations: an international journal of public participation in health care and health policy	3
Clinical rheumatology	4	Social science and medicine (1982)	3
Scandinavian journal of primary health care	4	Respiration; international review of thoracic diseases	3
Journal of physiotherapy	4	Journal of cosmetic science	3
Australian and New Zealand journal of psychiatry	4	BMC medical ethics	3
Southeast Asian journal of tropical medicine and public health	4	European journal of pediatric surgery: official journal of Austrian Association of Pediatric Surgery... [et al.] = Zeitschrift für Kinderchirurgie	3
JACC. Cardiovascular interventions	4		
Journal of magnetic resonance imaging: JMRI	4		
Health technology assessment (Winchester, England)	4		
Clinical physiology and functional imaging	4		
Regulatory peptides	4		
Clinical transplantation	4		
European journal of ophthalmology	4		

Journal	Count	Journal	Count
Annals of plastic surgery	3	Journal of surgical research	3
CNS spectrums	3	Digestion	3
Journal of immunology (Baltimore, Md: 1950)	3	Human brain mapping	3
Internal medicine (Tokyo, Japan)	3	Journal of clinical densitometry: the official journal of the International Society for Clinical Densitometry	3
Pediatric cardiology	3	Ophthalmic and physiological optics: the journal of the British College of Ophthalmic Opticians (Optometrists)	3
Analytical chemistry	3	Journal of infection	3
Journal of dental hygiene: JDH/American Dental Hygienists' Association	3	Blood pressure. Supplement	3
Postgraduate medical journal	3	British journal of psychology (London, England: 1953)	3
Annals of Saudi medicine	3	European journal of oral sciences	3
Cutaneous and ocular toxicology	3	Langenbeck's archives of surgery/Deutsche Gesellschaft für Chirurgie	3
AAPS pharmSci	3	Breast journal	3
Nephrology (Carlton, Vic.)	3	Clinical journal of sport medicine: official journal of the Canadian Academy of Sport Medicine	3
Archives of gynecology and obstetrics	3	Indian journal of dermatology, venereology and leprology	3
Familial cancer	3	Journal of cerebral blood flow and metabolism: official journal of the International Society of Cerebral Blood Flow and Metabolism	3
Forschende Komplementärmedizin (2006)	3	International journal of cosmetic science	3
Growth hormone and IGF research: official journal of the Growth Hormone Research Society and the International IGF Research Society	3	Annals of neurology	3
Oxidative medicine and cellular longevity	3	Journal of the National Cancer Institute. Monographs	3
Inflammopharmacology	3	Prostate cancer and prostatic diseases	3
Diabetes and metabolism	3	Congestive heart failure (Greenwich, Conn.)	3
Medical oncology (Northwood, London, England)	3	Nature neuroscience	3
European journal of radiology	3	CNS neuroscience and therapeutics	3
Canadian respiratory journal: journal of the Canadian Thoracic Society	3	Chinese medical sciences journal = Chung-kuo i hsüeh k'o hsüeh tsa chih/Chinese Academy of Medical Sciences	3
Journal of supportive oncology	3	Leukemia and lymphoma	3
Complementary therapies in medicine	3	Asia-Pacific journal of clinical oncology	3
Pharmacogenomics	3	Obesity research	3
Microvascular research	3	Virology journal	3
European archives of psychiatry and clinical neuroscience	3	Melanoma research	3
Archives of surgery (Chicago, Ill.: 1960)	3	Circulation research	3
Endoscopy	3	Biomedical chromatography: BMC	3
Contact dermatitis	3	International endodontic journal	3
Lasers in surgery and medicine	3	Social psychiatry and psychiatric epidemiology	3
European journal of orthodontics	3	American journal of health behavior	3
Behavioural pharmacology	3	European journal of surgical oncology: the journal of the European Society of Surgical Oncology and the British Association of Surgical Oncology	3
Hong Kong medical journal = Xianggang yi xue za zhi/ Hong Kong Academy of Medicine	3	Journal of hypertension. Supplement: official journal of the International Society of Hypertension	3
Journal of clinical microbiology	3	Journal of nervous and mental disease	3
Journal of nutrition, health and aging	3	British journal of radiology	3
Neurosurgery	3	Acta tropica	3
Journal of advanced nursing	3	Inflammation research: official journal of the European Histamine Research Society... [et al.]	3
Journal of orthopaedic surgery and research	3	Photodermatology, photoimmunology and photomedicine	3
Acta anaesthesiologica Belgica	3		
Neurobiology of aging	3		
International journal of gynecological cancer: official journal of the International Gynecological Cancer Society	3		
AJR. American journal of roentgenology	3		
Brain stimulation	3		

Journal	Count	Journal	Count
AMIA... Annual Symposium proceedings/AMIA Symposium. AMIA Symposium	3	International archives of occupational and environmental health	3
Food and chemical toxicology: an international journal published for the British Industrial Biological Research Association	3	Advances in health sciences education: theory and practice	3
Scandinavian journal of rheumatology	3	Cognition	3
Studies in health technology and informatics	3	Acta cardiologica	3
Journal of heart and lung transplantation: the official publication of the International Society for Heart Transplantation	3	Journal of science and medicine in sport/Sports Medicine Australia	3
Amino acids	3	Journal of physiological anthropology	3
Biomarkers: biochemical indicators of exposure, response, and susceptibility to chemicals	3	Asian journal of andrology	3
Annals of emergency medicine	3	Archives of oral biology	3
British journal of clinical practice	3	Indian journal of dental research: official publication of Indian Society for Dental Research	3
Clinical neurophysiology: official journal of the International Federation of Clinical Neurophysiology	3	Journal of medicinal chemistry	3
Infection and immunity	3	Xenobiotica; the fate of foreign compounds in biological systems	3
Academic emergency medicine: official journal of the Society for Academic Emergency Medicine	3	Drug safety	3
Lipids	3	Developmental medicine and child neurology	3
Psychology of addictive behaviors: journal of the Society of Psychologists in Addictive Behaviors	3	Life sciences	3
Journal of ethnopharmacology	3	Aesthetic plastic surgery	3
International journal of hematology	3	Journal of laparoscopic and advanced surgical techniques. Part A	3
Alcohol and alcoholism (Oxford, Oxfordshire)	3	Cancer immunology, immunotherapy: CII	3
Archives of sexual behavior	3	Addiction science and clinical practice	3
Journal of obesity	3	Radiology	3
American journal of public health	3	Disability and rehabilitation	3
European journal of pharmaceutics and biopharmaceutics: official journal of Arbeitsgemeinschaft für Pharmazeutische Verfahrenstechnik e.V	3	Pediatric emergency care	3
Digestive and liver disease: official journal of the Italian Society of Gastroenterology and the Italian Association for the Study of the Liver	3	Cell metabolism	3
Influenza and other respiratory viruses	3	Pediatric dermatology	3
Methods and findings in experimental and clinical pharmacology	3	European journal of internal medicine	3
American journal of physiology. Renal physiology	3	Diseases of the colon and rectum	3
American journal of clinical oncology	3	Archives of gerontology and geriatrics	3
Die Pharmazie	3	Journal of shoulder and elbow surgery/American Shoulder and Elbow Surgeons... [et al.]	3
Shock (Augusta, Ga.)	3	Medical teacher	3
Nephron. Clinical practice	3	International journal of obstetric anesthesia	3
Journal of neuro-oncology	3	Alzheimer's and dementia: the journal of the Alzheimer's Association	3
Journal of experimental psychology. Learning, memory, and cognition	3	Journal of critical care	3
CNS drugs	3	Renal failure	3
Journal of physiology	3	American journal of physiology. Heart and circulatory physiology	3
International journal of cardiovascular imaging	3	Journal of biomedicine and biotechnology	3
Pediatric surgery international	3	PLoS pathogens	3
Ophthalmic epidemiology	3	Cancer nursing	3
Wiener klinische Wochenschrift	3	American journal of emergency medicine	3
		Pediatric exercise science	3
		Oral oncology	2
		International journal of environmental research and public health	2
		Expert opinion on drug metabolism and toxicology	2

Journal	Count	Journal	Count
Drug testing and analysis	2	International journal for vitamin and nutrition research.	2
Acta dermato-venereologica	2	Internationale Zeitschrift für Vitamin- und Ernährungsforschung. Journal international de vitaminologie et de nutrition	
Annals of medicine	2	Pediatric obesity	2
Journal of neurotrauma	2	Journal of the National Medical Association	2
International journal of dental hygiene	2	Journal of health communication	2
Ergonomics	2	Journal of cutaneous medicine and surgery	2
Journal of experimental medicine	2	Child psychiatry and human development	2
World journal of biological psychiatry: the official journal of the World Federation of Societies of Biological Psychiatry	2	Burns: journal of the International Society for Burn Injuries	2
Simulation in healthcare: journal of the Society for Simulation in Healthcare	2	Southern medical journal	2
Current eye research	2	Prevention science: the official journal of the Society for Prevention Research	2
Neuroscience	2	Ocular immunology and inflammation	2
Neuron	2	Caries research	2
Journal of public health (Oxford, England)	2	Canadian journal of gastroenterology = Journal canadien de gastroenterologie	2
Hernia: the journal of hernias and abdominal wall surgery	2	Memory (Hove, England)	2
International immunopharmacology	2	Cancer immunity	2
MedGenMed: Medscape general medicine	2	Journal of the American Podiatric Medical Association	2
PLoS computational biology	2	Paediatrics and international child health	2
European review for medical and pharmacological sciences	2	International journal of oral science	2
Psychiatry and clinical neurosciences	2	Danish medical journal	2
Journal of acquired immune deficiency syndromes and human retrovirology: official publication of the International Retrovirology Association	2	Journal of investigational allergology and clinical immunology	2
Annals of the Academy of Medicine, Singapore	2	Journal of laryngology and otology	2
European journal of anaesthesiology. Supplement	2	British journal of clinical practice. Supplement	2
American journal of human biology: the official journal of the Human Biology Council	2	Chirality	2
Wound repair and regeneration: official publication of the Wound Healing Society [and] the European Tissue Repair Society	2	Motor control	2
Catheterization and cardiovascular interventions: official journal of the Society for Cardiac Angiography and Interventions	2	Diabetes educator	2
International journal of neuroscience	2	Journal of back and musculoskeletal rehabilitation	2
Annals of cardiac anaesthesia	2	Journal of medical screening	2
Endocrine journal	2	Reproductive health	2
Journal of andrology	2	Chronic respiratory disease	2
Neurosciences (Riyadh, Saudi Arabia)	2	Australian and New Zealand journal of public health	2
American journal of drug and alcohol abuse	2	Journal of laboratory and clinical medicine	2
Psychosomatics	2	Journal of neuro-ophthalmology: the official journal of the North American Neuro-Ophthalmology Society	2
Primary care respiratory journal: journal of the General Practice Airways Group	2	Optometry and vision science: official publication of the American Academy of Optometry	2
Journal of abnormal psychology	2	Quintessence international (Berlin, Germany: 1985)	2
Drugs under experimental and clinical research	2	Acta odontologica Scandinavica	2
Journal of athletic training	2	Agents and actions. Supplements	2
Nursing times	2	Canadian journal of psychiatry. Revue canadienne de psychiatrie	2
Journal of psychosomatic obstetrics and gynaecology	2	Journal of inherited metabolic disease	2
Obesity facts	2	Zeitschrift für Gastroenterologie	2
Clinical colorectal cancer	2	Transactions of the American Clinical and Climatological Association	2
Journal of dermatology	2		

Journal	Count	Journal	Count
Journal of population therapeutics and clinical pharmacology = Journal de la thérapeutique des populations et de la pharmacologie clinique	2	Hormone research in paediatrics	2
Korean journal of internal medicine	2	Pharmacoepidemiology and drug safety	2
Pan African medical journal	2	Skinmed	2
Journal of obstetrics and gynaecology: the journal of the Institute of Obstetrics and Gynaecology	2	Free radical biology and medicine	2
Nouvelle revue française d'hématologie	2	Canadian journal of surgery. Journal canadien de chirurgie	2
Cognitive science	2	Nature medicine	2
Journal of sports medicine and physical fitness	2	BMC medical imaging	2
Croatian medical journal	2	Applied nursing research: ANR	2
Hormones (Athens, Greece)	2	Aging clinical and experimental research	2
Academic pediatrics	2	International journal of eating disorders	2
Translational research: the journal of laboratory and clinical medicine	2	Research in developmental disabilities	2
Psychiatric rehabilitation journal	2	Oral health and preventive dentistry	2
Respiratory care	2	International journal for quality in health care: journal of the International Society for Quality in Health Care/ISQua	2
Journal of clinical psychology	2	Neonatology	2
International journal of adolescent medicine and health	2	Journal of tropical pediatrics	2
Coronary artery disease	2	Liver transplantation: official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society	2
Immunopharmacology	2	Journal of rheumatology. Supplement	2
Nucleosides, nucleotides and nucleic acids	2	Amyotrophic lateral sclerosis: official publication of the World Federation of Neurology Research Group on Motor Neuron Diseases	2
Journal of obstetrics and gynaecology research	2	British journal of rheumatology	2
Treatments in respiratory medicine	2	Pakistan journal of biological sciences: PJBS	2
Manual therapy	2	Cleveland Clinic journal of medicine	2
Heart disease (Hagerstown, Md.)	2	Diabetes, nutrition and metabolism	2
Endocrine	2	General hospital psychiatry	2
Oncology (Williston Park, NY)	2	Proceedings of the Nutrition Society	2
European journal of oncology nursing: the official journal of European Oncology Nursing Society	2	Scandinavian cardiovascular journal: SCJ	2
Journal of wound care	2	Zhong xi yi jie he xue bao = Journal of Chinese integrative medicine	2
Taiwanese journal of obstetrics and gynecology	2	Vascular and endovascular surgery	2
Hormones and behavior	2	Social cognitive and affective neuroscience	2
Surgery	2	Carcinogenesis	2
Alternative therapies in health and medicine	2	Italian journal of pediatrics	2
Therapeutic apheresis and dialysis: official peer-reviewed journal of the International Society for Apheresis, the Japanese Society for Apheresis, the Japanese Society for Dialysis Therapy	2	Journal of vascular and interventional radiology: JVIR	2
Kidney international. Supplement	2	Clinical chemistry	2
Research in sports medicine (Print)	2	Canadian family physician Médecin de famille canadien	2
Journal of reproductive medicine	2	Diseases of the esophagus: official journal of the International Society for Diseases of the Esophagus/I.S.D.E	2
Journal of obstetrics and gynaecology Canada	2	Journal of aging and physical activity	2
Expert review of anticancer therapy	2	Journal of medical virology	2
Thyroid: official journal of the American Thyroid Association	2	West African journal of medicine	2
European journal of health economics: HEPAC: health economics in prevention and care	2	Japanese journal of ophthalmology	2
Circulation. Heart failure	2	International journal of rheumatic diseases	2
Journal of burn care and research: official publication of the American Burn Association	2	Journal of infection and chemotherapy: official journal of the Japan Society of Chemotherapy	2
		Brain research	2
		Journal of adhesive dentistry	2

Journal	Count	Journal	Count
Nature	2	International journal of immunopathology and pharmacology	2
Journal of hand surgery	2	JAMA psychiatry	2
Journal of cosmetic and laser therapy: official publication of the European Society for Laser Dermatology	2	Neuroepidemiology	2
Leprosy review	2	BMC physiology	2
Journal of travel medicine	2	Mycoses	2
Dental materials journal	2	Journal of community health	2
American journal of epidemiology	2	Pituitary	2
Cardiac electrophysiology review	2	International journal of pediatric obesity: IJPO: an official journal of the International Association for the Study of Obesity	2
American journal of otolaryngology	2	Expert review of clinical immunology	2
Female pelvic medicine and reconstructive surgery	2	Journal of interferon and cytokine research: the official journal of the International Society for Interferon and Cytokine Research	2
Pharmacology, biochemistry, and behavior	2	Journal of chromatography. B, Biomedical sciences and applications	2
Cancer epidemiology	2	Psychology and aging	2
Cardiovascular therapeutics	2	British journal of social psychology/the British Psychological Society	2
Archives of family medicine	2	Controlled clinical trials	2
Clinical and developmental immunology	2	European journal of physical and rehabilitation medicine	2
Tobacco control	2	Digestive endoscopy: official journal of the Japan Gastroenterological Endoscopy Society	2
Injury	2	Archives of women's mental health	2
Experimental diabetes research	2	Cornea	2
Clinical research in cardiology: official journal of the German Cardiac Society	2	European addiction research	2
International journal of public health	2	Journal of Crohn's and colitis	2
Onkologie	2	JPEN. Journal of parenteral and enteral nutrition	2
Biomedicine and pharmacotherapy = Biomédecine and pharmacothérapie	2	Annals of noninvasive electrocardiology: the official journal of the International Society for Holter and Noninvasive Electrocardiology, Inc	2
Scandinavian journal of infectious diseases	2	British journal of oral and maxillofacial surgery	2
Annals of family medicine	2	Ear, nose, and throat journal	2
Clinical and experimental ophthalmology	2	Clinical respiratory journal	2
Brain and cognition	2	Psychological science	2
Journal of immigrant and minority health/Center for Minority Public Health	2	Prostate	2
Primary care diabetes	2	European journal of cardiovascular nursing: journal of the Working Group on Cardiovascular Nursing of the European Society of Cardiology	2
Orphanet journal of rare diseases	2	Journal of clinical virology: the official publication of the Pan American Society for Clinical Virology	2
Clinical and experimental dermatology	2	Free radical research	2
Acta neurologica Scandinavica	2	Journal of the International AIDS Society	2
Drug metabolism and pharmacokinetics	2	Clinical and translational oncology: official publication of the Federation of Spanish Oncology Societies and of the National Cancer Institute of Mexico	2
American journal of clinical dermatology	2	Journal of interventional cardiac electrophysiology: an international journal of arrhythmias and pacing	2
Archives of disease in childhood. Fetal and neonatal edition	2	South African medical journal = Suid-Afrikaanse tydskrif vir geneeskunde	2
Annals of otology, rhinology, and laryngology	2	Journal of clinical pediatric dentistry	2
Acta obstetrica et gynecologica Scandinavica	2	Seminars in hematology	2
Experimental dermatology	2		
American journal of community psychology	2		
Transplant infectious disease: an official journal of the Transplantation Society	2		
International journal of fertility and women's medicine	2		
Acta physiologica (Oxford, England)	2		
Clinical neurology and neurosurgery	2		
Health economics	2		
Drugs and aging	2		
Women's health (London, England)	2		

Journal	Count	Journal	Count
BMC microbiology	2	Swiss medical weekly	1
Inhalation toxicology	2	International journal of circumpolar health	1
Journal of psychiatric and mental health nursing	2	Journal of molecular biology	1
Journal of pharmaceutical and biomedical analysis	2	Annals of the Royal College of Surgeons of England	1
Director (Cincinnati, Ohio)	2	American journal of physiology. Regulatory, integrative and comparative physiology	1
Eye and contact lens	2	Developmental neurorehabilitation	1
Future oncology (London, England)	2	Canadian journal of nursing research = Revue canadienne de recherche en sciences infirmières	1
Journal of cancer research and clinical oncology	2	Journal of medical microbiology	1
American journal of orthodontics and dentofacial orthopedics: official publication of the American Association of Orthodontists, its constituent societies, and the American Board of Orthodontics	2	Korean journal of hepatology	1
Clinical nephrology	2	PM & R: the journal of injury, function, and rehabilitation	1
Behavioural brain research	2	Journal of the American Osteopathic Association	1
Journal of renal nutrition: the official journal of the Council on Renal Nutrition of the National Kidney Foundation	2	Journal of otolaryngology-head and neck surgery = Le Journal d'oto-rhino-laryngologie et de chirurgie cervico-faciale	1
European journal of public health	2	Journal of radiological protection: official journal of the Society for Radiological Protection	1
Surgery, gynecology and obstetrics	2	Surgery for obesity and related diseases: official journal of the American Society for Bariatric Surgery	1
Journal of electromyography and kinesiology: official journal of the International Society of Electrophysiological Kinesiology	2	Aging	1
Pancreas	2	Japan journal of nursing science: JJNS	1
International journal of STD and AIDS	2	Developmental science	1
Explore (New York, NY)	2	Body image	1
Pharmacological research: the official journal of the Italian Pharmacological Society	2	Journal of women's health/the official publication of the Society for the Advancement of Women's Health Research	1
Expert review of cardiovascular therapy	2	Journal of the cardiometabolic syndrome	1
Therapeutic advances in respiratory disease	2	Journal of perianesthesia nursing: official journal of the American Society of PeriAnesthesia Nurses/American Society of PeriAnesthesia Nurses	1
Archives of andrology	1	International journal of obesity	1
Australian journal of rural health	1	Journal of obstetric, gynecologic, and neonatal nursing: JOGNN/NAACOG	1
Issues in mental health nursing	1	Strahlentherapie und Onkologie: Organ der Deutschen Röntgengesellschaft ... [et al.]	1
Australian dental journal	1	Journal of cardiovascular medicine (Hagerstown, Md.)	1
Acta cirúrgica brasileira/Sociedade Brasileira para Desenvolvimento Pesquisa em Cirurgia	1	Neuroradiology	1
Journal of medicine and life	1	Virus research	1
Skin pharmacology and applied skin physiology	1	Journal of invasive cardiology	1
Minimally invasive therapy and allied technologies: MITAT: official journal of the Society for Minimally Invasive Therapy	1	Bratislavské lekárske listy	1
Journal of pediatric psychology	1	Ultrasound in medicine and biology	1
Inflammation and allergy drug targets	1	Anxiety, stress, and coping	1
Journal of the American College of Surgeons	1	Cyberpsychology and behavior: the impact of the Internet, multimedia and virtual reality on behavior and society	1
Medical education online	1	Dental materials: official publication of the Academy of Dental Materials	1
Nature genetics	1	Journal of sex and marital therapy	1
Annals of human biology	1	Journal of the renin-angiotensin-aldosterone system: JRAAS	1
Journal of neuroscience methods	1	Journal of the College of Physicians and Surgeons-Pakistan: JCPSP	1
Archives of cardiovascular diseases	1	Regenerative medicine	1
Urology journal	1	Journal of palliative medicine	1
Journal of health care for the poor and underserved	1		
Immunology letters	1		
ANZ journal of surgery	1		

Journal	Count	Journal	Count
International journal of rehabilitation research. Internationale Zeitschrift für Rehabilitationsforschung. Revue internationale de recherches de réadaptation	1	Surgical laparoscopy, endoscopy and percutaneous techniques	1
General dentistry	1	Journal of tissue viability	1
Nature reviews. Clinical oncology	1	Australian journal of primary health	1
PLoS biology	1	Clinical oral implants research	1
Journal of food science	1	Clinical imaging	1
Teaching and learning in medicine	1	Aging (Milan, Italy)	1
Clinical implant dentistry and related research	1	Heart and vessels	1
Expert review of hematology	1	Restorative neurology and neuroscience	1
Health care for women international	1	Actas españolas de psiquiatría	1
Chronic illness	1	Asian cardiovascular and thoracic annals	1
Seminars in thrombosis and hemostasis	1	Progress in community health partnerships: research, education, and action	1
Noise and health	1	Future microbiology	1
Clinical genetics	1	Canadian journal of cardiovascular nursing = Journal canadien en soins infirmiers cardio-vasculaires	1
Clinical and investigative medicine. Médecine clinique et expérimentale	1	Journal of virological methods	1
Journal of chromatography	1	Pediatric transplantation	1
Journal of neuroimmunology	1	Clinical prostate cancer	1
Journal of investigative dermatology	1	Theoretical biology and medical modelling	1
Pathogens and global health	1	Journal of neurointerventional surgery	1
CLAO journal: official publication of the Contact Lens Association of Ophthalmologists, Inc	1	Molecular imaging and biology: the official publication of the Academy of Molecular Imaging	1
International journal of social psychiatry	1	Odontology/the Society of the Nippon Dental University	1
Visual neuroscience	1	Current opinion in HIV and AIDS	1
Cardiology in the young	1	Expert review of respiratory medicine	1
Viral immunology	1	Journal of oral science	1
Journal of nutritional science and vitaminology	1	International journal of sports physiology and performance	1
Asia-Pacific journal of public health/Asia-Pacific Academic Consortium for Public Health	1	BMC medical genomics	1
Journal of electrocardiology	1	Acta chirurgica Belgica	1
São Paulo medical journal = Revista paulista de medicina	1	Journal of voice: official journal of the Voice Foundation	1
Spinal cord	1	BioMed research international	1
Cancer investigation	1	Pediatric neurology	1
Circulation. Cardiovascular imaging	1	Orthopedic nursing	1
Wiener medizinische Wochenschrift (1946)	1	Journal of dental education	1
Acta paediatrica Scandinavica. Supplement	1	American journal of human genetics	1
Pediatrics and neonatology	1	Virology	1
Brazilian oral research	1	Epidemiology (Cambridge, Mass.)	1
Archives of physiology and biochemistry	1	Physiotherapy research international: the journal for researchers and clinicians in physical therapy	1
Vox sanguinis	1	Clinical and experimental immunology	1
Medical engineering and physics	1	Psicothema	1
Digestive surgery	1	International journal of medical informatics	1
PLoS genetics	1	Asian journal of surgery/Asian Surgical Association	1
Nitric oxide: biology and chemistry/official journal of the Nitric Oxide Society	1	Behavioural processes	1
Canadian journal of clinical pharmacology = Journal canadien de pharmacologie clinique	1	Inflammation	1
QJM: monthly journal of the Association of Physicians	1	Journal of pharmacological sciences	1
		Drug and alcohol review	1
		Magma (New York, NY)	1
		Education for health (Abingdon, England)	1

Journal	Count	Journal	Count
Journal of orthopaedic research: official publication of the Orthopaedic Research Society	1	Drug development and industrial pharmacy	1
European journal of nuclear medicine	1	International journal of clinical practice. Supplement	1
Cerebellum (London, England)	1	Reviews on recent clinical trials	1
International surgery	1	Medicine and sport science	1
Journal of nutritional biochemistry	1	Oncology nursing forum	1
Journal of perinatal medicine	1	Journal of psychiatric practice	1
Cell stress and chaperones	1	Sexual health	1
Somatosensory and motor research	1	Promotion and education	1
Cell biochemistry and biophysics	1	International journal of pediatric otorhinolaryngology	1
International journal of clinical pharmacy	1	Journal of psycholinguistic research	1
Tumour biology: the journal of the International Society for Oncodevelopmental Biology and Medicine	1	Journal of urban health: bulletin of the New York Academy of Medicine	1
Acta neurochirurgica	1	Acta haematologica	1
Archives of pathology and laboratory medicine	1	GMS Zeitschrift für medizinische Ausbildung	1
Journal of orthopaedic science: official journal of the Japanese Orthopaedic Association	1	Revista panamericana de salud pública = Pan American journal of public health	1
Tuberculosis (Edinburgh, Scotland)	1	Journal of communication disorders	1
American review of respiratory disease	1	Brain and language	1
Journal of trace elements in medicine and biology: organ of the Society for Minerals and Trace Elements (GMS)	1	Eating behaviors	1
Journal of health economics	1	Statistical methods in medical research	1
European journal of esthetic dentistry: official journal of the European Academy of Esthetic Dentistry	1	Contributions to nephrology	1
Personality and social psychology bulletin	1	British heart journal	1
Early human development	1	Joint Commission journal on quality improvement	1
Zentralblatt für Gynäkologie	1	European archives of paediatric dentistry: official journal of the European Academy of Paediatric Dentistry	1
Nutrition and cancer	1	Journal of neuroscience nursing: journal of the American Association of Neuroscience Nurses	1
Nutritional neuroscience	1	Psychotherapy (Chicago, Ill.)	1
Child development	1	Urological research	1
Experimental and toxicologic pathology: official journal of the Gesellschaft für Toxikologische Pathologie	1	Quality and safety in health care	1
Reviews of infectious diseases	1	Angiology	1
Journal of periodontal research	1	Behavior therapy	1
Health promotion international	1	Dysphagia	1
Journal of rehabilitation research and development	1	Expert opinion on drug delivery	1
Quality in health care: QHC	1	Arthritis care and research: the official journal of the Arthritis Health Professions Association	1
Internal medicine journal	1	Compendium of continuing education in dentistry. (Jamesburg, NJ: 1995). Supplement	1
Chronobiology international	1	Journals of gerontology. Series B, Psychological sciences and social sciences	1
Economics and human biology	1	Behavioural and cognitive psychotherapy	1
Kurume medical journal	1	Physician and sportsmedicine	1
Journal of trauma	1	Experimental cell research	1
Phlebology/Venous Forum of the Royal Society of Medicine	1	Nigerian journal of medicine: journal of the National Association of Resident Doctors of Nigeria	1
Annali italiani di chirurgia	1	Journal of nuclear cardiology: official publication of the American Society of Nuclear Cardiology	1
Documenta ophthalmologica. Advances in ophthalmology	1	International journal of oncology	1
Neuro endocrinology letters	1	Journal of hand surgery, European volume	1
Annals of human genetics	1	Epileptic disorders: international epilepsy journal with videotape	1
Eating and weight disorders: EWD	1		
Journal of postgraduate medicine	1		
Journal of vestibular research: equilibrium and orientation	1		

Journal	Count	Journal	Count
Journal of immunoassay	1	Statistical applications in genetics and molecular biology	1
Otology and neurotology: official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology	1	International orthodontics/Collège européen d'orthodontie	1
Aviation, space, and environmental medicine	1	Journal of clinical investigation	1
Journal of pain and palliative care pharmacotherapy	1	Zeitschrift für Rheumatologie	1
Molecular cancer therapeutics	1	International journal for equity in health	1
Gerontology	1	Journal of applied microbiology	1
Neurological sciences: official journal of the Italian Neurological Society and of the Italian Society of Clinical Neurophysiology	1	Journal of forensic sciences	1
Toxicology and applied pharmacology	1	La Clinica terapeutica	1
Tissue antigens	1	Journal of wound, ostomy, and continence nursing: official publication of the Wound, Ostomy and Continence Nurses Society/WOCN	1
Culture, health and sexuality	1	Journal of health services research and policy	1
Gastroentérologie clinique et biologique	1	Journal of minimally invasive gynecology	1
Clinical and experimental nephrology	1	Annals of hematology	1
European journal of general practice	1	BMC immunology	1
British dental journal	1	Orthopaedics and traumatology, surgery and research: OTSR	1
Journal of adolescence	1	Current opinion in investigational drugs (London, England: 2000)	1
Molecular pain	1	Journal of neurosurgery	1
American journal of medical quality: the official journal of the American College of Medical Quality	1	Irish journal of medical science	1
Maternal and child nutrition	1	Cognitive, affective and behavioral neuroscience	1
Acta myologica: myopathies and cardiomyopathies: official journal of the Mediterranean Society of Myology/edited by the Gaetano Conte Academy for the study of striated muscle diseases	1	Current opinion in pharmacology	1
Bulletin of Tokyo Dental College	1	Journal of microbiology, immunology, and infection = Weimian yu gan ran za zhi	1
American journal on addictions/American Academy of Psychiatrists in Alcoholism and Addictions	1	Brain research bulletin	1
Journal of clinical child and adolescent psychology: the official journal for the Society of Clinical Child and Adolescent Psychology, American Psychological Association, Division 53	1	Saudi journal of kidney diseases and transplantation: an official publication of the Saudi Center for Organ Transplantation, Saudi Arabia	1
Molecular medicine (Cambridge, Mass.)	1	Journal of nuclear medicine: official publication, Society of Nuclear Medicine	1
Transfusion and apheresis science: official journal of the World Apheresis Association: official journal of the European Society for Haemapheresis	1	Journal of dietary supplements	1
Journal of molecular neuroscience: MN	1	Journal of Ayub Medical College, Abbottabad: JAMC	1
Musculoskeletal care	1	Haemophilia: the official journal of the World Federation of Hemophilia	1
Journal of the Association for Research in Otolaryngology: JARO	1	Scandinavian journal of surgery: SJS: official organ for the Finnish Surgical Society and the Scandinavian Surgical Society	1
Physiotherapy	1	Journal of clinical and experimental neuropsychology	1
Journal of immunological methods	1	Ambulatory pediatrics: the official journal of the Ambulatory Pediatric Association	1
Evaluation review	1	Journal of pharmacological and toxicological methods	1
Current drug delivery	1	Proceedings. Biological sciences/the Royal Society	1
Journal of the Acoustical Society of America	1	Neurocritical care	1
International journal of biological sciences	1	Biochemical pharmacology	1
Current cardiology reports	1	Anxiety	1
Herz	1	Nature clinical practice. Cardiovascular medicine	1
Journal of biomechanics	1	Journal of vector borne diseases	1
		Journal of epidemiology and biostatistics	1
		Academic medicine: journal of the Association of American Medical Colleges	1
		Blood transfusion = Trasfusione del sangue	1

Journal	Count	Journal	Count
JACC. Cardiovascular imaging	1	Journal of managed care pharmacy: JMCP	1
Journal of health psychology	1	Liver international: official journal of the International Association for the Study of the Liver	1
Journal of traumatic stress	1	Head and neck	1
Indian journal of cancer	1	Journal of refractive surgery (Thorofare, NJ: 1995)	1
Indian journal of pharmacology	1	Biological trace element research	1
Cancer discovery	1	Acta medica Iranica	1
Addiction biology	1	Current biology: CB	1
Health promotion journal of Australia: official journal of Australian Association of Health Promotion Professionals	1	Mental health services research	1
Pediatric critical care medicine: a journal of the Society of Critical Care Medicine and the World Federation of Pediatric Intensive and Critical Care Societies	1	Perfusion	1
Clinical and experimental optometry: journal of the Australian Optometrical Association	1	Journal of clinical monitoring and computing	1
Journal of pediatric and adolescent gynecology	1	Kidney and blood pressure research	1
Journal of integrative medicine	1	Biometrics	1
Occupational medicine (Oxford, England)	1	JAMA internal medicine	1
Marine drugs	1	SADJ: journal of the South African Dental Association = tydskrif van die Suid-Afrikaanse Tandheelkundige Vereniging	1
Annals of anatomy = Anatomischer Anzeiger: official organ of the Anatomische Gesellschaft	1	International journal of language and communication disorders/Royal College of Speech and Language Therapists	1
German medical science: GMS e-journal	1	Emerging infectious diseases	1
American journal of the medical sciences	1	Journal of visualized experiments: JoVE	1
Nordic journal of psychiatry	1	Heart and lung: the journal of critical care	1
European journal of cancer prevention: the official journal of the European Cancer Prevention Organisation (ECP)	1	Public health	1
Pediatric blood and cancer	1	Archives of Iranian medicine	1
Physiotherapy theory and practice	1	Hospital practice (1995)	1
European journal of echocardiography: the journal of the Working Group on Echocardiography of the European Society of Cardiology	1	International journal of clinical and experimental pathology	1
Journal of acupuncture and meridian studies	1	Parasitology research	1
Journal of Zhejiang University. Science. B	1	Biological research for nursing	1
Journal of neuroinflammation	1	Journal of pregnancy	1
European journal of paediatric dentistry: official journal of European Academy of Paediatric Dentistry	1	Clinical and experimental medicine	1
Annals of ophthalmology	1	Bulletin of the World Health Organization	1
Health and place	1	Clinical psychology and psychotherapy	1
Academic radiology	1	Immunopharmacology and immunotoxicology	1
Drugs of today (Barcelona, Spain: 1998)	1	Archives of virology	1
African journal of medicine and medical sciences	1	Journal of maternal-fetal and neonatal medicine: the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians	1
Minerva stomatologica	1	Australasian journal of dermatology	1
International journal of food sciences and nutrition	1	Vascular medicine (London, England)	1
Rejuvenation research	1	International journal on drug policy	1
Journal of cancer survivorship: research and practice	1	Journal of orofacial pain	1
Substance use and misuse	1	British journal of community nursing	1
Food and nutrition bulletin	1	Journal of rural health: official journal of the American Rural Health Association and the National Rural Health Care Association	1
Journal of applied biomechanics	1	Anesthesia progress	1
Australian endodontic journal: the journal of the Australian Society of Endodontology Inc	1	Journal of preventive medicine and hygiene	1
Paediatric and perinatal epidemiology	1	Preventing chronic disease	1
Journal of musculoskeletal and neuronal interactions	1	Journal of craniofacial surgery	1

Journal	Count	Journal	Count
Indian journal of physiology and pharmacology	1	Revista brasileira de psiquiatria (São Paulo, Brazil: 1999)	1
Canadian journal of urology	1	World journal of pediatrics: WJP	1
Experimental psychology	1	Naunyn-Schmiedeberg's archives of pharmacology	1
Journal of family psychology: JFP: journal of the Division of Family Psychology of the American Psychological Association (Division 43)	1	Journal of knee surgery	1
European journal of epidemiology	1	Global journal of health science	1
Behavior modification	1	NMR in biomedicine	1
Research quarterly for exercise and sport	1	Journal of muscle research and cell motility	1
Endocrine-related cancer	1	British journal of diseases of the chest	1
Journal of the American Optometric Association	1	African health sciences	1
Cancer science	1	Cardiovascular and interventional radiology	1
Journal of steroid biochemistry and molecular biology	1	Scientific reports	1
Journal of pediatric ophthalmology and strabismus	1	Computers, informatics, nursing: CIN	1
Blood reviews	1	Bone and joint journal	1
Scandinavian journal of immunology	1	Journal of the Medical Library Association: JMLA	1
International nursing review	1	Memory and cognition	1
International journal of audiology	1	Journal of the International Association of Physicians in AIDS Care (Chicago, Ill.: 2002)	1
[Nihon koshu eisei zasshi] Japanese journal of public health	1	Public health reports (Washington, DC: 1974)	1
Journal of emergency medicine	1	HPB: the official journal of the International Hepato Pancreato Biliary Association	1
Journal of neurological surgery. Part A, Central European neurosurgery	1	European journal of pharmacology	1
Western journal of nursing research	1	American journal of psychology	1
Eastern Mediterranean health journal = La revue de santé de la Méditerranée orientale = al-Majallah al-ṣiḥḥīyah li-sharq al-mutawassiṭ	1	Biological and pharmaceutical bulletin	1
American journal of medical genetics. Part A	1	Hepatobiliary and pancreatic diseases international: HBPD INT	1
Hip international: the journal of clinical and experimental research on hip pathology and therapy	1	Journal of renal care	1
Urologic clinics of North America	1	Pain research and management: the journal of the Canadian Pain Society = journal de la société canadienne pour le traitement de la douleur	1
Ophthalmic surgery, lasers and imaging: the official journal of the International Society for Imaging in the Eye	1	Journal of hand therapy: official journal of the American Society of Hand Therapists	1
Middle East African journal of ophthalmology	1	Artificial cells, blood substitutes, and immobilization biotechnology	1
Parasites and vectors	1	Congenital heart disease	1
Nigerian journal of clinical practice	1	Human fertility (Cambridge, England)	1
Canadian journal of physiology and pharmacology	1	British journal of hospital medicine	1
Perceptual and motor skills	1	Survey of ophthalmology	1
Iranian journal of kidney diseases	1	Journal of orthopaedic surgery (Hong Kong)	1
Molecular cancer	1	Journal of neurochemistry	1
Topics in stroke rehabilitation	1	Journal of epidemiology/Japan Epidemiological Association	1
Frontiers of radiation therapy and oncology	1	Neurological research	1
Evaluation and the health professions	1	Medicinski arhiv	1
Comprehensive psychiatry	1	Neuromuscular disorders: NMD	1
IEEE transactions on biomedical engineering	1	Behavioral medicine (Washington, DC)	1
Pharmacy world and science: PWS	1	Journal of public health management and practice: JPHMP	1
International journal of andrology	1	International journal of nanomedicine	1
Drug research	1	Arquivos de gastroenterologia	1
New Zealand medical journal	1	American journal of industrial medicine	1
Journal of learning disabilities	1	American journal of orthopedics (Belle Mead, NJ)	1
Clinical neuroradiology	1	Indian journal of public health	1

Journal	Count	Journal	Count
Food and function	1	Alcohol research and health: the journal of the National Institute on Alcohol Abuse and Alcoholism	1
Journal of cardiology	1	International braz j urol: official journal of the Brazilian Society of Urology	1
Neuroscience research	1	British journal of neurosurgery	1
Amyotrophic lateral sclerosis and other motor neuron disorders: official publication of the World Federation of Neurology, Research Group on Motor Neuron Diseases	1	Acta neurologica Scandinavica. Supplementum	1
Indian journal of gastroenterology: official journal of the Indian Society of Gastroenterology	1	Journal of psychosocial oncology	1
Journal of agricultural and food chemistry	1	Journal of child and adolescent psychiatric nursing: official publication of the Association of Child and Adolescent Psychiatric Nurses, Inc	1
Child abuse and neglect	1	Journal of investigative and clinical dentistry	1
Annals of transplantation: quarterly of the Polish Transplantation Society	1	Medicine	1
Journal of geriatric psychiatry and neurology	1	Journal of surgical oncology	1
Current atherosclerosis reports	1	Medical microbiology and immunology	1
Future cardiology	1	Clinical biochemistry	1
Acta oto-laryngologica	1	Neurology India	1
Hormone and metabolic research. Supplement series	1	Skin therapy letter	1
Journal of palliative care	1	International journal of tuberculosis and lung disease: the official journal of the International Union against Tuberculosis and Lung Disease	1
Medical archives (Sarajevo, Bosnia and Herzegovina)	1	Minerva chirurgica	1
European journal of neuroscience	1	Biochemia medica	1
Australian family physician	1	Neuromolecular medicine	1
Bosnian journal of basic medical sciences/Udruženje osnovnih medicinskih znanosti = Association of Basic Medical Sciences	1	Scandinavian journal of psychology	1
Culture, medicine and psychiatry	1	Acta radiologica (Stockholm, Sweden: 1987)	1
Journal of clinical rheumatology: practical reports on rheumatic and musculoskeletal diseases	1	Urologic oncology	1
Medical mycology	1	Work (Reading, Mass.)	1
Child neuropsychology: a journal on normal and abnormal development in childhood and adolescence	1	American journal of perinatology	1
International journal of biological markers	1	Community mental health journal	1
Human genomics	1	American journal of physiology. Lung cellular and molecular physiology	1
Gut microbes	1	Psychonomic bulletin and review	1
Neurotoxicology	1	Genome biology	1
Rhinology	1	Cardiology journal	1
Journal of agricultural safety and health	1	Current clinical pharmacology	1
Journal of human nutrition and dietetics: the official journal of the British Dietetic Association	1	European journal of histochemistry: EJH	1
International journal of periodontics and restorative dentistry	1	New York state dental journal	1
Journal of cardiovascular surgery	1	Nephron	1
Journal of physiology and pharmacology: an official journal of the Polish Physiological Society	1	Cancer journal (Sudbury, Mass.)	1
Chemico-biological interactions	1	International journal of urology: official journal of the Japanese Urological Association	1
Journal of clinical pathology	1	Scandinavian cardiovascular journal. Supplement	1
Tropical gastroenterology: official journal of the Digestive Diseases Foundation	1	Cognitive processing	1
Dermatologica	1	Medical principles and practice: international journal of the Kuwait University, Health Science Centre	1
American journal of Chinese medicine	1	Journal of hospital infection	1
Molecular aspects of medicine	1	Cytokine	1
Seizure	1	Evolutionary psychology: an international journal of evolutionary approaches to psychology and behavior	1
Behavioral neuroscience	1	Journal of the Pakistan Medical Association	1
		Seminars in speech and language	1

Journal	Count
Pulmonary pharmacology	1
Hemodialysis international. International Symposium on Home Hemodialysis	1
Experimental neurology	1
Seminars in liver disease	1
Neurotoxicity research	1
Danish medical bulletin	1
Attention deficit and hyperactivity disorders	1
Lung	1
Hippocampus	1
Journal of personality and social psychology	1
Clinical immunology (Orlando, Fla.)	1
International journal of surgery (London, England)	1
Acta ophthalmologica Scandinavica	1
Journal of chromatography. B, Analytical technologies in the biomedical and life sciences	1
Haematology and blood transfusion	1
Acta bio-medica: Atenei Parmensis	1
Gastric cancer: official journal of the International Gastric Cancer Association and the Japanese Gastric Cancer Association	1
Enfermedades infecciosas y microbiología clínica	1
Journal of neural transmission. Parkinson's disease and dementia section	1
Clinical cornerstone	1
Journal of interpersonal violence	1
Pain management nursing: official journal of the American Society of Pain Management Nurses	1
Breast (Edinburgh, Scotland)	1
Journal of developmental and behavioral pediatrics: JDBP	1
International angiology: a journal of the International Union of Angiology	1
Archives of otolaryngology-head and neck surgery	1
Neural plasticity	1
Journal of cardiopulmonary rehabilitation	1
International ophthalmology	1
Biomedical engineering online	1
Nursing ethics	1
Bioscience, biotechnology, and biochemistry	1
Gastroenterology nursing: the official journal of the Society of Gastroenterology Nurses and Associates	1
Dermatitis: contact, atopic, occupational, drug	1
Telemedicine journal and e-health: the official journal of the American Telemedicine Association	1
Acta otorhinolaryngologica Italica: organo ufficiale della Società italiana di otorinolaringologia e chirurgia cervico-facciale	1

Appendix 4: List of adjectives considered relevant and number of articles in which they were used

Word	Count
Significant	6,047
Similar	3,402
Effective	2,677
Important	1,269
Severe	1,134
Major	1,120
Moderate	1,100
Long-term	1,097
Comparable	999
Mild	943
Serious	917
Safe	838
Consistent	804
Usual	718
Relevant	705
Good	562
Conventional	537
Complete	493
Poor	471
Potent	435
Useful	432
Appropriate	355
Apparent	350
Efficacious	347
Meaningful	345
Intensive	345
Substantial	337
Unchanged	337
Successful	337
Improved	325
Acceptable	315
Necessary	295
Well tolerated	287
Favorable	279
Strong	271
Modest	257
Novel	256
Adequate	241
Promising	240
Validated	235
Simple	229
Minor	225
Equal	224
Difficult	223
Traditional	215

Word	Count	Word	Count
Feasible	210	Thorough	56
Essential	207	Established	56
Cost-effective	198	Preferred	55
Protective	192	Numerous	55
Inadequate	190	Formal	54
Enhanced	189	Crucial	54
Evident	185	Marginal	54
Comprehensive	175	Prominent	53
Reliable	168	Inconsistent	52
Sufficient	166	Viable	52
Evidence-based	155	Widespread	51
Robust	155	Negligible	50
Unlikely	146	Strongest	49
Efficient	144	Reasonable	49
Excellent	140	Harmful	49
Mild-to-moderate	131	Notable	49
Extensive	130	Inconclusive	49
Unexpected	129	Pivotal	48
Considerable	128	Expensive	48
Valid	124	Detrimental	47
Faster	111	Unnecessary	47
Favourable	110	Definite	46
Stronger	108	Superficial	46
Fast	105	Putative	46
Detectable	104	Ineffective	46
Inferior	102	Hard	45
Responsible	101	Profound	44
Valuable	98	Precise	44
Pronounced	94	Inexpensive	44
Non-significant	87	Insignificant	44
Definitive	83	Urgent	44
Weak	82	Desirable	43
Conservative	82	Ideal	42
Excessive	82	Probable	42
Controversial	78	Problematic	42
Poorer	77	Sustainable	41
Uncertain	76	Non-specific	41
Suboptimal	75	Vigorous	39
Satisfactory	74	Inappropriate	39
Non-significant	74	Long-lasting	38
Easy	72	Unacceptable	38
Convenient	69	Extreme	35
Correct	69	Unfavorable	34
Theoretical	68	Non-specific	34
Empirical	67	Synergistic	34
Costly	63	Theory-based	34
Attractive	61	Challenging	33
Tolerable	57	Obvious	33

Word	Count	Word	Count
Unhealthy	32	Generalizable	16
Classical	32	Unsuitable	16
Fundamental	32	In-depth	16
Classic	30	Next-generation	16
Powerful	30	Demonstrable	16
Universal	30	Affordable	16
Interesting	30	Holistic	16
Nominal	30	Worthwhile	16
Encouraging	29	Discordant	15
Low-risk	28	Ultimate	15
Suspected	28	Life-threatening	15
Well known	28	Appreciable	15
Opportunistic	26	Perfect	15
Safer	25	Unfavourable	14
Submaximal	25	Striking	14
Plausible	24	Debilitating	14
Confirmatory	24	Inspired	13
Preferable	24	Noticeable	13
Diminished	24	Unusual	13
Easier	23	Unresolved	12
Fair	23	Enormous	12
Advantageous	23	Credible	12
Weaker	22	Compelling	12
Suggestive	22	Rewarding	12
Informative	22	Contrary	12
Unsuccessful	22	Fastest	12
Remarkable	21	Well accepted	12
Risky	21	Troublesome	11
Unexplained	21	Noteworthy	11
Conclusive	21	Pleasant	11
Proven	20	Impossible	11
Disadvantaged	19	Unbiased	11
High-quality	19	Subtle	11
Preferential	19	Logical	11
Stringent	19	Unwanted	11
Hazardous	19	Threatening	11
Convincing	18	Irrelevant	11
Dramatic	18	Bad	10
Incorrect	18	Integrative	10
Well established	18	Full-scale	10
Devastating	17	Presumed	10
Unpleasant	17	Failed	10
Confident	17	Milder	10
Very	17	Disruptive	10
Intolerable	17	Enough	10
Undesirable	17	Vast	10
Disappointing	16	Advisable	9
Counterbalanced	16	Surprising	9

Word	Count	Word	Count
Intriguing	9	Generalisable	5
Substantive	9	Verified	5
Empiric	9	Infinite	5
Strategic	9	Sizeable	5
Discernible	9	Undesired	5
Sub-optimal	9	Objectively	5
Elusive	9	Inefficient	5
Conflicting	9	Instructive	5
Simpler	9	Uncomfortable	5
Imperative	9	Usable	5
Long-term	9	Confirmative	5
Well documented	8	Seminal	4
Genuine	8	Weakly	4
Moral	8		
Inadvertent	8		
Nonserious	8		
Instructional	8		
Exaggerated	8		
Non-serious	7		
Intuitive	7		
Provocative	7		
Doubtful	7		
Disproportionate	7		
Concrete	7		
Pervasive	7		
Enjoyable	7		
Contradictory	7		
Gentle	7		
Inaccurate	7		
Unanticipated	7		
Unreliable	6		
Cost-saving	6		
Pertinent	6		
Consensus-based	6		
Exciting	6		
Debatable	6		
Under-represented	6		
Unsafe	6		
Understudied	6		
Questionable	6		
Sophisticated	6		
Well characterized	6		
Competent	6		
Tremendous	6		
Mild-moderate	6		
Big	6		
Provisional	6		
Subnormal	5		

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