

SCIENTIFIC REPORTS

**OPEN**

Erratum: Acoustic resolution photoacoustic Doppler velocimetry in blood-mimicking fluids

Joanna Brunker & Paul Beard

Scientific Reports 6:20902; doi: 10.1038/srep20902; published online 19 February 2016; updated on 20 April 2016

The original version of this Article contained errors.

In the Introduction section,

“This time correlation AR-PAF approach has previously been shown to provide a high level of quantitative accuracy (<1%) when using a solid moving phantom comprising a distribution of micron-scale absorbing features printed on to a polymer sheet¹⁹.”

now reads:

“This time correlation AR-PAF approach has previously been shown to provide a high level of quantitative accuracy (<1%) when using a solid moving phantom comprising a distribution of micron-scale absorbing features printed on to a polymer sheet¹⁸.”

In the Acoustic resolution photoacoustic Doppler velocimetry section,

“Velocity measurements were made in fluids using a time-correlation Doppler flowmetry approach, which is described in detail in reference 17.”

now reads:

“Velocity measurements were made in fluids using a time-correlation Doppler flowmetry approach, which is described in detail in reference¹⁸.”

In the Signal acquisition and processing section under subheading ‘Method 1: Cross-correlation of entire photoacoustic waveforms to give average velocity measurements’,

“It is in essence the same method as that described in reference 17, but with some minor modifications.”

now reads:

“It is in essence the same method as that described in reference¹⁸, but with some minor modifications.”

The Acknowledgements section in this Article was incomplete,

“This work was supported by the UK Engineering and Physical Sciences Research Council (EPSRC) and European Union project FAMOS (FP7 ICT, Contract 317744). The authors would also like to thank Litron for the use of their laser, Tom Millard for providing MATLAB code to simulate random distributions of spheres, and Ben Cox for reading the manuscript.”

now reads:

“This work was supported by the UK Engineering and Physical Sciences Research Council (EPSRC) and European Union project FAMOS (FP7 ICT, Contract 317744). The authors would also like to thank Litron for the use of their laser, Nader Saffari for the use of his ultrasound transducers, Tom Millard for providing MATLAB code to simulate random distributions of spheres, and Ben Cox for reading the manuscript.”

These errors have now been corrected in the PDF and HTML versions of the Article.

In addition, an incorrect Supplementary Information file, which omitted the Supplementary References, was inadvertently published with this Article. The correct Supplementary Information now accompanies the Article.



This work is licensed under a Creative Commons Attribution 4.0 International License. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in the credit line; if the material is not included under the Creative Commons license, users will need to obtain permission from the license holder to reproduce the material. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>