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Author Correction: Anti-icing performance on aluminum surfaces and proposed model for freezing time calculation

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-020-80886-x>, published online 11 February 2021

The original version of this Article contained errors.

The legend for Figure 6 did not acknowledge that the SEM images had been published previously. The text,

“The fabrication process of examined samples (a) and SEM images of the surface after etching in cross-view (b) and top view (c).”

Now reads,

“The fabrication process of examined samples (a) and SEM images of the surface after etching in cross-view (b) and top view (c). Reproduced with permission from Nguyen et al.²⁴, © 2018 The Korean Society of Industrial and Engineering Chemistry.”

In addition, the text in the Methods,

“The experiments were performed on the Al plate since it possesses relatively high thermal conductivity and easy to make micro-nano hierarchical structures with tailored designs²⁴.”

Now reads,

“The experiments were performed on Al plates produced in our previous work²⁴, since they possess relatively high thermal conductivity and easy to make micro-nano hierarchical structures with tailored designs”.

In the original version of Figure 8, incorrect images were used for 20° Start freezing, 70° Start freezing, and 70° Complete freezing. The original version of Figure 8 appears below, as Figure 1.

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

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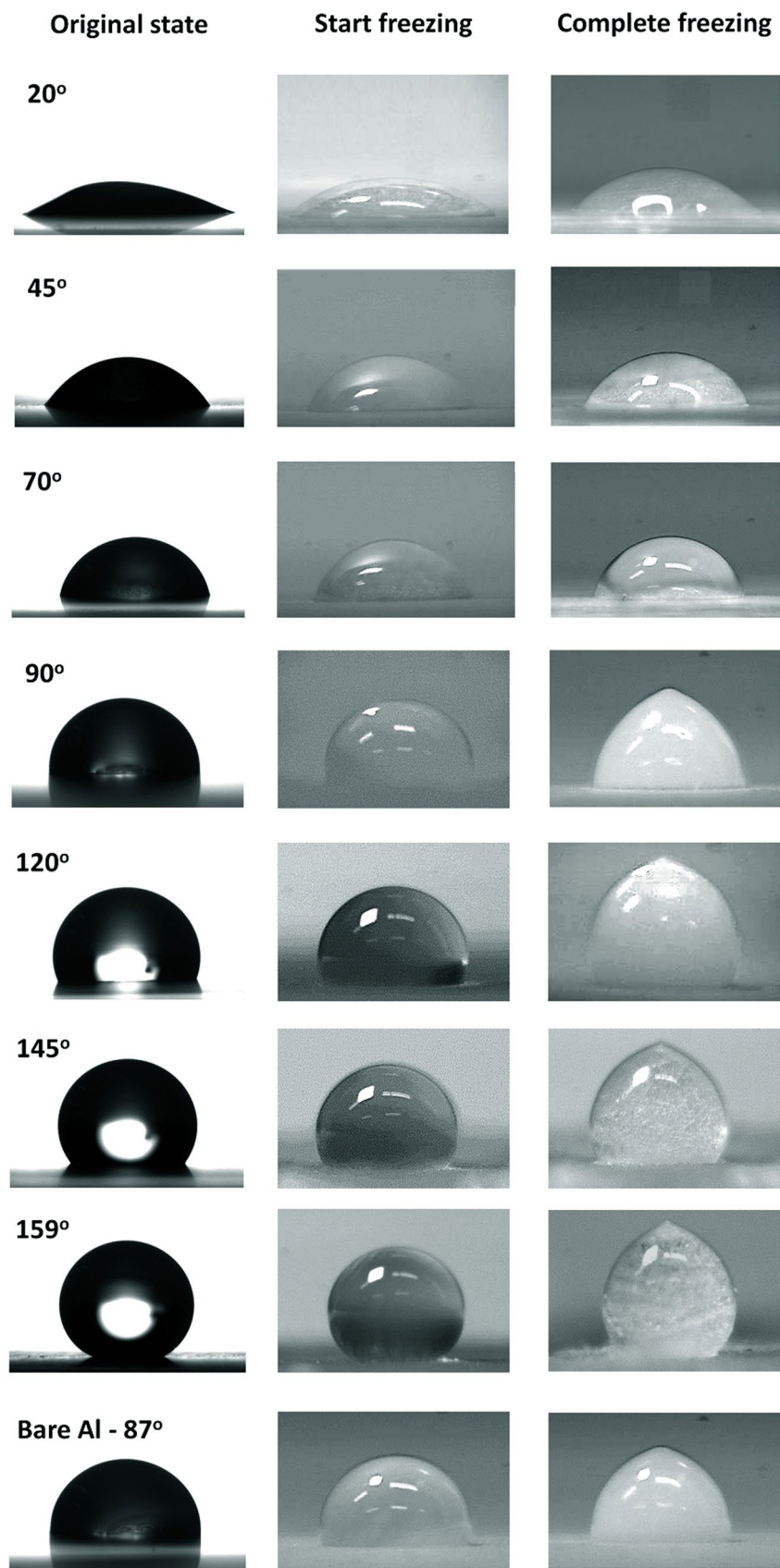


Figure 1. The original version of Figure 8.



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