



Cite this: *Soft Matter*, 2025, 21, 6163

DOI: 10.1039/d5sm90126j

rsc.li/soft-matter-journal

Correction: Free energy modelling of a spherical nanoparticle at an oil/water interface

Zhiwei Huang^{*a} and Joseph L. Keddie^b

Correction for 'Free energy modelling of a spherical nanoparticle at an oil/water interface' by Zhiwei Huang *et al.*, *Soft Matter*, 2025, **21**, 5188–5193, <https://doi.org/10.1039/D5SM00501A>.

The authors would like to clarify that eqn (1) and (2) on pg 5188 were not correctly given in the original article. The corrected versions of eqn (1) and (2) are shown below.

$$A = \pi R^2 \sin^2 \theta = \pi R^2 (1 - \cos^2 \theta) \quad (1)$$

$$E = 2\pi R^2 (1 - \cos \theta) (\Gamma_{sw} - \Gamma_{so}) + \pi R^2 (1 - \cos^2 \theta) \Gamma_{ow} \quad (2)$$

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

^a Department of Chemistry, Syracuse University, Syracuse, New York 13244, USA. E-mail: zhuan126@syr.edu

^b School of Mathematics & Physics, Faculty of Engineering and Physical Sciences, University of Surrey, Guildford GU2 7XH, UK

