


 Cite this: *RSC Adv.*, 2018, 8, 41246

Retraction: A highest stable cluster Au₅₈ (C₁) re-optimized *via* a density-functional tight-binding (DFTB) approach

Andrew Shore

DOI: 10.1039/c8ra90100g

www.rsc.org/advances

 Retraction of 'A highest stable cluster Au₅₈ (C₁) re-optimized *via* a density-functional tight-binding (DFTB) approach' by K. Vishwanathan *et al.*, *RSC Adv.*, 2018, 8, 11357–11366.

(1) M. Springborg wishes to resign as co-author to the above article. Professor Springborg has declared that he was unaware of this submission, did not approve the manuscript and disagrees with some of its scientific conclusions.

The corrected authorship list and affiliations for this paper are as follows:

K. Vishwanathan^{*a}

^a Physical and Theoretical Chemistry, University of Saarland, 66123 Saarbrücken, Germany. E-mail: vishwa_nathan_7@yahoo.com; Tel: +49-0151-63119680

(2) The Royal Society of Chemistry hereby wholly retracts this *RSC Advances* article due to unattributed text and equation overlap with a diploma thesis completed by Ingolf Warnke, under the supervision of Professor M. Springborg, at the University of Saarland in 2007 (ref. 1). There are also portions of text overlap with papers published by different authors cited as ref. 36, 38, 39, 43 and 44 in the paper. In addition, there is considerable unattributed text overlap with the author's own previously published papers cited as ref. 52–55 in the article.

Signed: Andrew Shore, Executive Editor, *RSC Advances*

Date: 4th December 2018

References

- 1 I. Warnke, *Thermodynamic properties of clusters*, Diploma thesis, Physical and Theoretical Chemistry, University of Saarland, 2007.

