

CORRECTION

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rsc.li/chemical-science**Correction: A planar pentacoordinate oxygen in the experimentally observed $[\text{Be}_5\text{O}_6]^{2-}$ dianion**Rui Sun,^{ab} Yang Yang,^a Xin Wu,^b Hua-Jin Zhai,^a Caixia Yuan^{*a} and Yan-Bo Wu^{*a}Correction for 'A planar pentacoordinate oxygen in the experimentally observed $[\text{Be}_5\text{O}_6]^{2-}$ dianion' by Rui Sun *et al.*, *Chem. Sci.*, 2025, <https://doi.org/10.1039/d5sc02361k>.

The authors regret that the use of the phrase “electrospray ionization” was incorrect in two instances in their published articles. The affected sentences are:

“The $[\text{Be}_5\text{O}_6]^{2-}$ dianion, first produced in 2006 *via* electrospray ionization and initially proposed by a concurrent computational study to adopt a linear O–Be alternating structure, stands as a rare experimentally observed SMCA.”

And

“Notably, a literature survey revealed that the corresponding $[\text{Be}_5\text{O}_6]^{2-}$ dianion was generated in 2006 *via* electrospray ionization,³⁷ but a concurrent computational study³⁸ incorrectly proposed a linear O–Be-alternating structure (0 in Fig. 1).”

The phrase “electrospray ionization” is hereby corrected to “simultaneous metal sputtering and O₂ flooding”. The sentences above are corrected to:

“The $[\text{Be}_5\text{O}_6]^{2-}$ dianion, first produced in 2006 *via* simultaneous metal sputtering and O₂ flooding and initially proposed by a concurrent computational study to adopt a linear O–Be alternating structure, stands as a rare experimentally observed SMCA.”

And

“Notably, a literature survey revealed that the corresponding $[\text{Be}_5\text{O}_6]^{2-}$ dianion was generated in 2006 *via* simultaneous metal sputtering and O₂ flooding,³⁷ but a concurrent computational study³⁸ incorrectly proposed a linear O–Be-alternating structure (0 in Fig. 1).”

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

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