

## CORRECTION

 View Article Online  
View Journal | View Issue


## Correction: Molecular Aharonov–Bohm-type interferometers based on porphyrin nanorings

Cite this: *Chem. Sci.*, 2025, 16, 21641
 Chi Y. Cheng, <sup>a</sup> Gil Harari, <sup>b</sup> Igor Rončević, <sup>c</sup> Juan E. Peralta, <sup>d</sup>  
Harry L. Anderson, <sup>\*c</sup> Andrew M. Wibowo-Teale <sup>\*a</sup> and Oded Hod <sup>\*b</sup>

DOI: 10.1039/d5sc90237a

rsc.li/chemical-science

 Correction for 'Molecular Aharonov–Bohm-type interferometers based on porphyrin nanorings' by Chi Y. Cheng *et al.*, *Chem. Sci.*, 2025, 16, 4392–4401, <https://doi.org/10.1039/D4SC07992B>.

The authors regret that the units of radius in column 2 of Tables 1 and S.2. are incorrect in their published article and SI.

The units of radius are hereby corrected from nm to Å and the corrected tables are provided below. The original SI document has been updated.

**Table 1** Calculated radii, effective masses  $m^*$  and magnetic fields corresponding to one flux quantum  $B_0$  for selected nanoring orbitals

Nanoring	$r/\text{Å}$	$m^*/m_e$ (HOMO)	$m^*/m_e$ (LUMO)	$B_0/T$
<b>c-P10</b>	21.1	−0.1081	0.1055	296
<b>c-P20</b>	42.8	−0.1083	0.1057	72
<b>c-P40</b>	86.0	−0.1084	0.1057	18
<b>f-P10</b>	13.3	−0.0134	0.0129	744
<b>f-P20</b>	26.7	−0.0073	0.0073	185
<b>f-P40</b>	53.3	−0.0059	0.0058	46

**Table S.2.** Calculated effective masses  $m^*$  and magnetic fields corresponding to one flux quantum  $B_0$  for selected nanoring orbitals of the **c-PN** nanorings in the non-planar (cylindrical) conformation

Nanoring	$r/\text{Å}$	$m^*/m_e$ (HOMO)	$m^*/m_e$ (LUMO)	$B_0/T$
<b>c-P10</b>	21.4	−0.1054	0.1029	287
<b>c-P20</b>	43.0	−0.1076	0.1050	71
<b>c-P40</b>	86.0	−0.1082	0.1055	18

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

<sup>a</sup>School of Chemistry, University of Nottingham, University Park, Nottingham, NG7 2RD, UK

<sup>b</sup>School of Chemistry, The Sackler Centre for Computational Molecular and Materials Science, Tel Aviv University, Tel Aviv 6997801, Israel

<sup>c</sup>Department of Chemistry, University of Oxford, Chemistry Research Laboratory, Oxford, OX1 3TA, UK

<sup>d</sup>Department of Physics, Central Michigan University, Mount Pleasant, MI 48859, USA

