



Cite this: *Phys. Chem. Chem. Phys.*,  
2019, **21**, 24239

## Correction: Determining the role of redox-active materials during laser-induced water decomposition

Mark-Robert Kalus,<sup>a</sup> Riskyanti Lanyumba,<sup>a</sup> Nerea Lorenzo-Parodi,<sup>b</sup>  
Maik A. Jochmann,<sup>b</sup> Klaus Kerpen,<sup>b</sup> Ulrich Hagemann,<sup>c</sup> Torsten C. Schmidt,<sup>b</sup>  
Stephan Barcikowski<sup>ID</sup>\*<sup>a</sup> and Bilal Gökce<sup>ID</sup><sup>a</sup>

DOI: 10.1039/c9cp90263e

rsc.li/pccp

Correction for 'Determining the role of redox-active materials during laser-induced water decomposition' by Mark-Robert Kalus *et al.*, *Phys. Chem. Chem. Phys.*, 2019, **21**, 18636–18651.

The authors would like to correct Fig. 6d. The values on the y-axis were incorrectly scaled by a factor of 100 which makes no sense from chemical point of view. The corrected figure is shown below. Note that the correction of this figure will not change the core message of the manuscript,<sup>1</sup> as the statements in the text refer to the qualitative trend.

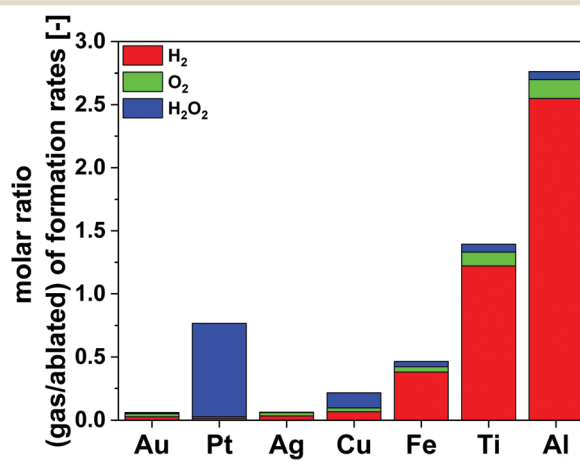


Fig. 6 (d) Ratio between the number of molecules generated per unit of time of molecular hydrogen, oxygen and hydrogen peroxide related to the molar nanoparticle productivity.

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

## References

- 1 M.-R. Klaus, R. Lanyumba, N. Lorenzo-Parodi, M. A. Jochmann, K. Kerpen, U. Hagemann, T. C. Schmidt, S. Barcikowski and B. Gökce, Determining the role of redox-active materials during laser-induced water decomposition, *Phys. Chem. Chem. Phys.*, 2019, **21**, 18636–18651.

<sup>a</sup> Technical Chemistry I, University of Duisburg-Essen and Center for Nanointegration Duisburg-Essen (CENIDE), Universitaetsstrasse 7, 45141 Essen, Germany.  
E-mail: stephan.barcikowski@uni-due.de

<sup>b</sup> Instrumental Analytical Chemistry and Centre for Water and Environmental Research (ZWU), Universitaetsstrasse 5, 45141 Essen, Germany

<sup>c</sup> Interdisciplinary Center for Analytics on the Nanoscale (ICAN) and Center for Nanointegration Duisburg-Essen (CENIDE), University of Duisburg-Essen, Carl-Benz-Strasse 199, 47057 Duisburg, Germany

