



Cite this: *Energy Environ. Sci.*, 2021, 14, 3634

Correction: Up-scalable emerging energy conversion technologies enabled by 2D materials: from miniature power harvesters towards grid-connected energy systems

Konstantinos Rogdakis, *^{ab} Nikolaos Karakostas^a and Emmanuel Kymakis *^{ab}

DOI: 10.1039/d1ee90032c

Correction for 'Up-scalable emerging energy conversion technologies enabled by 2D materials: from miniature power harvesters towards grid-connected energy systems' by Konstantinos Rogdakis et al., *Energy Environ. Sci.*, 2021, DOI: 10.1039/d0ee04013d.

rsc.li/ees

The Acknowledgements section was missing, and should have read as follows.

This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement no. 881603-GrapheneCore3.

Some of the references had missing or incorrect details. These should have read as follows:

37. X. Chen, K. Shehzad, L. Gao, M. Long, H. Guo, S. Qin, X. Wang, F. Wang, Y. Shi, W. Hu, Y. Xu and X. Wang, *Adv. Mater.*, 2019, **32**, 1902039.
84. K. Rogdakis, Z. Viskadourakis, A. P. Petrović, E. Choi, J. Lee and C. Panagopoulos, *Appl. Phys. Lett.*, 2015, **106**, 023120.
88. I. V. Sankar, J. Jeon, S. K. Jang, J. H. Cho, E. Hwang and S. Lee, *Nano Brief Rep. Rev.*, 2019, **14**, 1930009.
120. H. Zhang, J. Xiong, M. Ye, J. Li, X. Zhang, R. Quhe, Z. Song, J. Yang, Q. Zhang, B. Shi, J. Yan, W. Guo, J. Robertson, Y. Wang, F. Pan and J. Lu, *Phys. Rev. Appl.*, 2019, **11**, 064001.
134. J. Liu and L. Fu, *Adv. Mater.*, 2018, **31**, 1800690.
150. T. Carey, S. Cacovich, G. Divitini, J. Ren, A. Mansouri, J. M. Kim, C. Wang, C. Ducati, R. Sordan and F. Torrioni, *Nat. Commun.*, 2017, **8**, 1202.
175. M. Fontana, T. Deppe, A. K. Boyd, M. Rinzan, A. Y. Liu, M. Paranjape and P. Barbara, *Sci. Rep.*, 2013, **3**, 1634.
179. P. Jia, L. Wang, Y. Zhang, Y. Yang, X. Jin, M. Zhou, D. Quan, M. Jia, L. Cao, R. Long, L. Jiang and W. Guo, *Adv. Mater.*, 2021, **33**, 2007529.
183. J. Cho, J. T. DuBose, A. N. T. Le and P. V. Kamat, *ACS Mater. Lett.*, 2020, **2**, 565–570.
186. Z. Wang, Q. Lin, F. P. Chmiel, N. Sakai, L. M. Herz and H. J. Snaith, *Nat. Energy*, 2017, **2**, 17135.
214. H. Zou, Y. Zhang, L. Guo, P. Wang, X. He, G. Dai, H. Zheng, C. Chen, A. C. Wang, C. Xu and Z. L. Wang, *Nat. Commun.*, 2019, **10**, 1427.
222. A. J. Minnich, *Phys. Rev. B*, 2015, **91**, 085206.
223. L. Liang, E. Cruz-Silva, E. C. Girao and V. Meunier, *Phys. Rev. B*, 2012, **86**, 115438.
227. S.-G. Nam, D.-K. Ki and H.-J. Lee, *Phys. Rev. B*, 2010, **82**, 245416.
228. H. Sevinçli and G. Cuniberti, *Phys. Rev. B*, 2010, **81**, 113401.
229. T. Gunst, T. Markussen, A.-P. Jauho and M. Brandbyge, *Phys. Rev. B*, 2011, **84**, 155449.
237. A. Molina-Sánchez and L. Wirtz, *Phys. Rev. B*, 2011, **84**, 155413.
240. Y. Cai, J. Lan, G. Zhang and Y.-W. Zhang, *Phys. Rev. B*, 2014, **89**, 035438.
242. A. Jain and A. J. H. McGaughey, *Sci. Rep.*, 2015, **5**, 8501.
249. A. T. Duong, V. Q. Nguyen, G. Duvjir, V. T. Duong, S. Kwon, J. Y. Song, J. K. Lee, J. E. Lee, S. Park, T. Min, J. Lee, J. Kim and S. Cho, *Nat. Commun.*, 2016, **7**, 13713.
264. K.-T. Lin, H. Lin, T. Yang and B. Jia, *Nat. Commun.*, 2020, **11**, 1389.

^a Department of Electrical & Computer Engineering, Hellenic Mediterranean University (HMU), Heraklion 71410, Crete, Greece. E-mail: krogdakis@hmu.gr, kymakis@hmu.gr

^b Institute of Emerging Technologies (i-EMERGE) of HMU Research Center, Heraklion 71410, Crete, Greece



266. Z. Chen, S. Yang, Z. Tian and B. Zhu, *Appl. Surf. Sci.*, 2019, **469**, 657–665.
276. B. Tian, B. Tian, B. Smith, M. C. Scott, R. Hua, Q. Lei and Y. Tian, *Nat. Commun.*, 2018, **9**, 1397.
281. J. Pei, X. Gai, J. Yang, X. Wang, Z. Yu, D.-Y. Choi, B. Luther-Davies and Y. Lu, *Nat. Commun.*, 2016, **7**, 10450.
289. J. Shao, H. Xie, H. Huang, Z. Li, Z. Sun, Y. Xu, Q. Xiao, X.-F. Yu, Y. Zhao, H. Zhang, H. Wang and P. K. Chu, *Nat. Commun.*, 2016, **7**, 12967.
309. X. Wang, H. Tian, W. Xie, Y. Shu, W.-T. Mi, M. Ali Mohammad, Q.-Y. Xie, Y. Yang, J.-B. Xu and T.-L. Ren, *NPG Asia Mater.*, 2015, **7**, e154.
313. J. K. Han, D. S. Song, Y. R. Lim, W. Song, S. Myung, S. S. Lee, K.-S. An, H.-K. Jung, S. Santucci, V. Esposito and J. Lim, *Appl. Surf. Sci.*, 2021, **538**, 147962.
320. F. R. Fan and W. Wu, *Research*, 2019, **2019**, 7367828.
322. M. Han, Y. Liu, R. Rakhmanov, C. Israel, M. A. S. Tajin, G. Friedman, V. Volman, A. Hoorfar, K. R. Dandekar and Y. Gogotsi, *Adv. Mater.*, 2020, **33**, 2003225.
326. S. Park, T. Kim, S. Yoon, C. W. Koh, H. Y. Woo and H. J. Son, *Adv. Mater.*, 2020, **32**, 2002217.
- The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

