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Correction: Modified chemical synthesis of MnS nanoclusters on nickel foam for high performance all-solid-state asymmetric supercapacitors

Vijay S. Kumbhar,^a Yong Rok Lee,^a Choon Sup Ra,^b Dirk Tuma,^c Bong-Ki Min^d and Jae-Jin Shim^{*a}

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Correction for 'Modified chemical synthesis of MnS nanoclusters on nickel foam for high performance all-solid-state asymmetric supercapacitors' by Vijay S. Kumbhar *et al.*, *RSC Adv.*, 2017, 7, 16 348–16 359.

In the original manuscript, an incorrect caption was given for parts (a) and (b) of Fig. 4; the revised caption should read: "Fig. 4(a) Cyclic voltammograms, (b) variation in C_s of the MnS@NF electrode at different scan rates from 5 to 100 mV s^{-1} ..."

In Section 3.2, Structure and surface morphology of MnS, an incorrect value was given for the interplanar distance of the (101) lattice plane of γ -MnS. The correct value is 0.30 nm, and the corrected sentence should read: "The interplanar distances of 0.30, 0.23, and 0.15 nm measured from the lattice fringes in the TEM images (Fig. 3(b)) correspond to the (101), (102), and (202) lattice planes of γ -MnS".

In Section 3.4, Supercapacitive performance of MnS@NF//rGO@NF ASC, an incorrect value for the capacitive retention of the MnS@NF//rGO@NF ASC was given. The correct value is 86.5%, and the corrected sentence should read: "A capacitive retention of 86.5% was observed after 2000 cycles, which is better than those of the other MnS-based ASCs".

The reference numbers given in Fig. 16 were incorrect. The corrected figure is shown below.

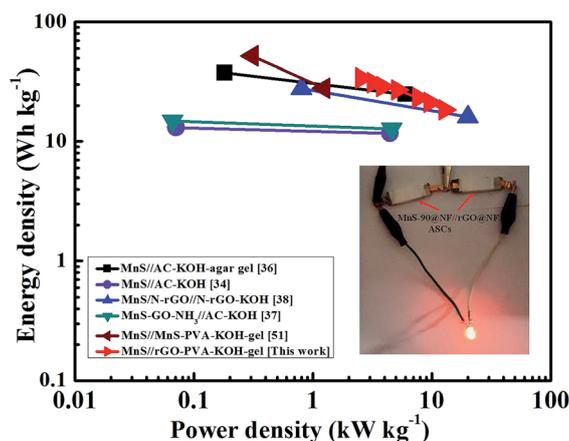


Fig. 16 (a) Ragone plots of the MnS@NF//rGO@NF ASC prepared in this study and other MnS-based ASCs reported in the literature (inset: demonstration of the MnS@NF//rGO@NF ASC).

In Section 3.4, Supercapacitive performance of MnS@NF//rGO@NF ASC, in one instance ref. 39 was incorrectly cited rather than ref. 51. The corrected sentence is as below: "These values are significantly better than that of many other reported MnS-based ASCs".^{34,37,51}

^aSchool of Chemical Engineering, Yeungnam University, Gyeongsan, Gyeongbuk 38541, Republic of Korea. E-mail: jjshim@yu.ac.kr

^bSchool of Chemistry and Biochemistry, Yeungnam University, Gyeongsan, Gyeongbuk, Republic of Korea

^cBAM Federal Institute of Materials Research and Testing, Berlin, Germany

^dCentral Instrumental Analysis Center, Yeungnam University, Gyeongsan, Gyeongbuk, Republic of Korea



Correction

In the reference section, incorrect author details were given for ref. 18. The corrected reference is given as ref. 1 below.

Additionally, a revised Electronic Supporting Information document was uploaded for the manuscript to correct several variable names which were missing the ' symbol.

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

References

S. Sahoo, K. K. Naik and C. S. Rout, *Nanotechnology*, 2015, **26**, 455401.

