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Correction

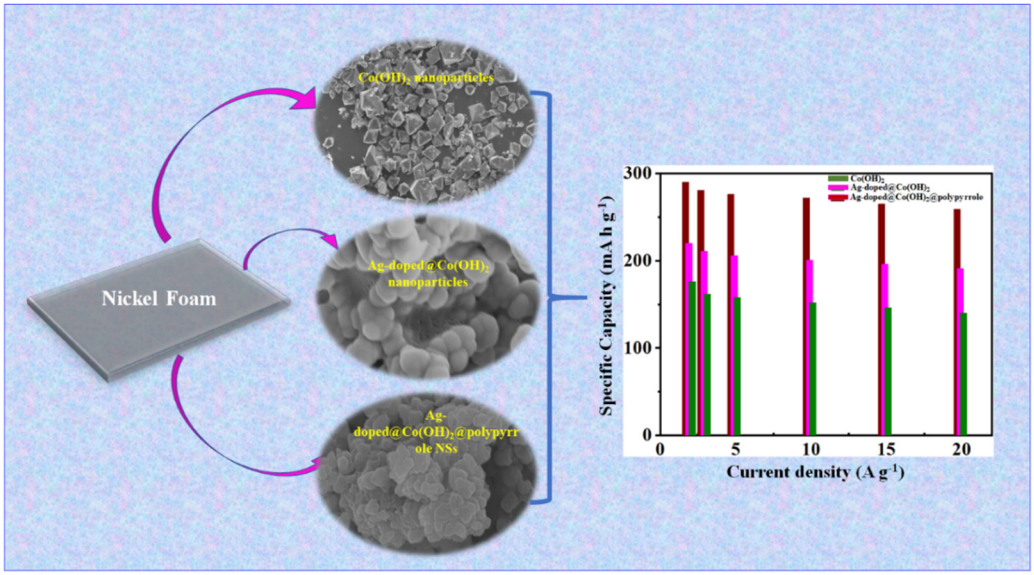
Correction: Arbi et al. Polypyrrole-Assisted Ag Doping Strategy to Boost $Co(OH)_2$ Nanosheets on Ni Foam as a Novel Electrode for High-Performance Hybrid Supercapacitors. *Nanomaterials* 2022, *12*, 3982

Hammad Mueen Arbi [1,†], Anuja A. Yadav [2,†], Yedluri Anil Kumar [1,3], Md Moniruzzaman [4], Salem Alzahmi [3,5,*] and Ihab M. Obaidat [1,3,*]

1 Department of Physics, United Arab Emirates University, Al Ain 15551, United Arab Emirates
2 Department of Automotive Engineering, Yeungnam University, 280 Daehak-ro, Gyeongsan 38541, Gyeongbuk, Korea
3 National Water and Energy Center, United Arab Emirates University, Al Ain 15551, United Arab Emirates
4 Department of Chemical and Biological Engineering, Gachon University, 1342 Seongnam-daero, Seongnam-si 13120, Gyeonggi-do, Korea
5 Department of Chemical & Petroleum Engineering, United Arab Emirates University, Al Ain 15551, United Arab Emirates
* Correspondence: s.alzahmi@uaeu.ac.ae (S.A.); iobaidat@uaeu.ac.ae (I.M.O.)
† These authors contributed equally to this work.

Error in Figures

In the original publication [1], there were mistakes in the Graphical Abstract, Figures 1 and 2, as published. The authors added the wrong SEM images to Figure 2 and, as a consequence, the SME images in Figure 1 and the Graphical Abstract were also incorrect. The corrected Graphical Abstract, Figures 1 and 2 appear below.



Graphical Abstract

check for updates

Citation: Arbi, H.M.; Yadav, A.A.; Anil Kumar, Y.; Moniruzzaman, M.; Alzahmi, S.; Obaidat, I.M. Correction: Arbi et al. Polypyrrole-Assisted Ag Doping Strategy to Boost $Co(OH)_2$ Nanosheets on Ni Foam as a Novel Electrode for High-Performance Hybrid Supercapacitors. *Nanomaterials* 2022, *12*, 3982. *Nanomaterials* **2024**, *14*, 1829. https://doi.org/10.3390/nano14221829

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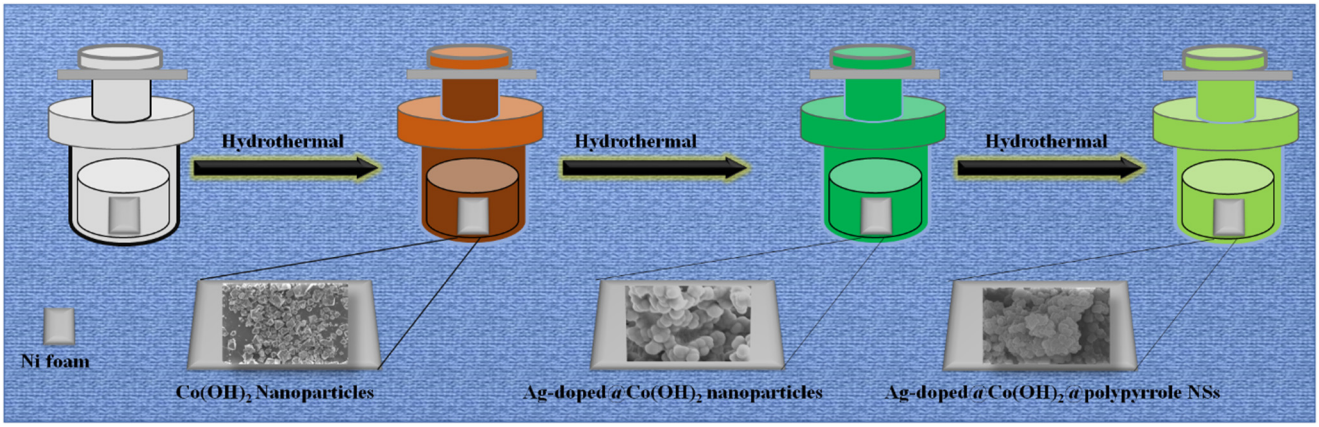


Figure 1. Schematic illustration of the synthesis of Ag-doped@$Co(OH)_2$@polypyrrole NSs.

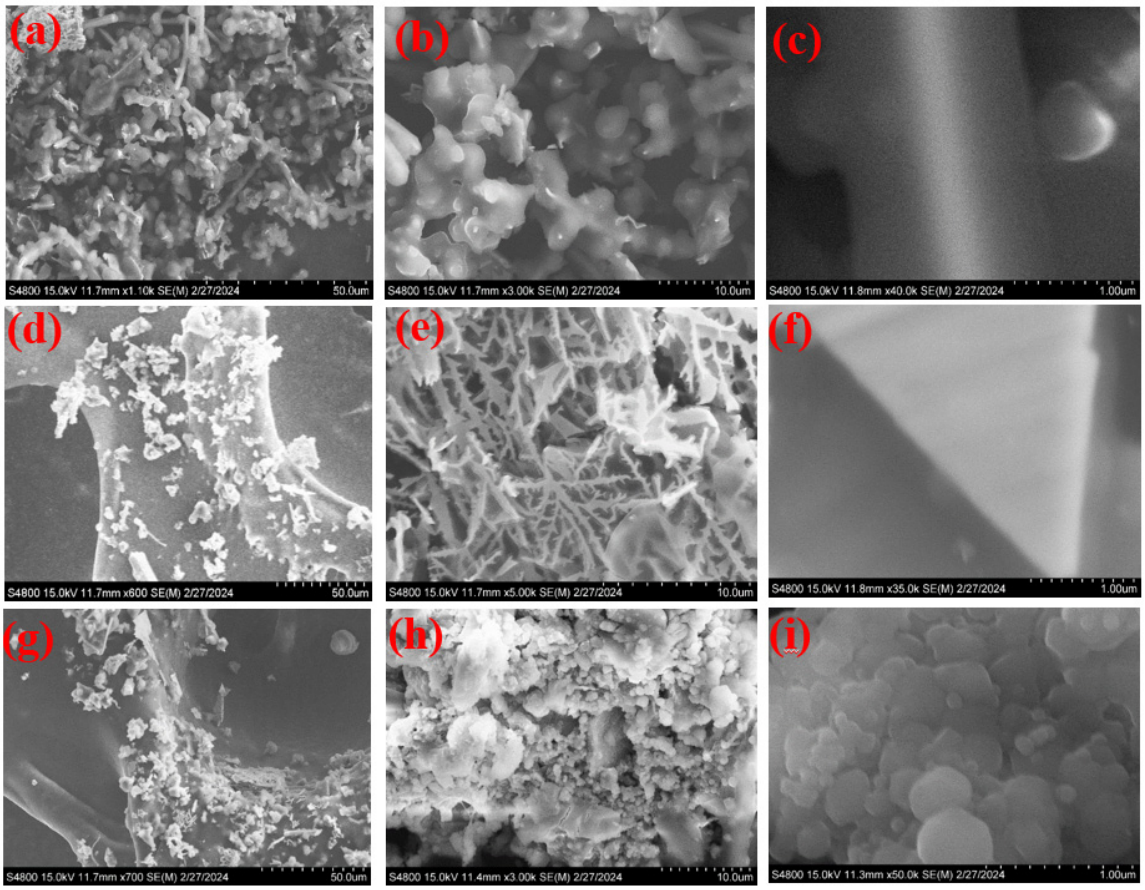


Figure 2. SEM images of the prepared $Co(OH)_2$ nanoparticles (**a**–**c**), Ag-doped@$Co(OH)_2$ nanoparticles (**d**–**f**), and Ag-doped@$Co(OH)_2$@polypyrrole NSs (**g**–**i**).

In the original publication [1], there were mistakes in Figure 4. The XRD patterns were erroneously added to Figure 4. The corrected Figure 4 appears below.

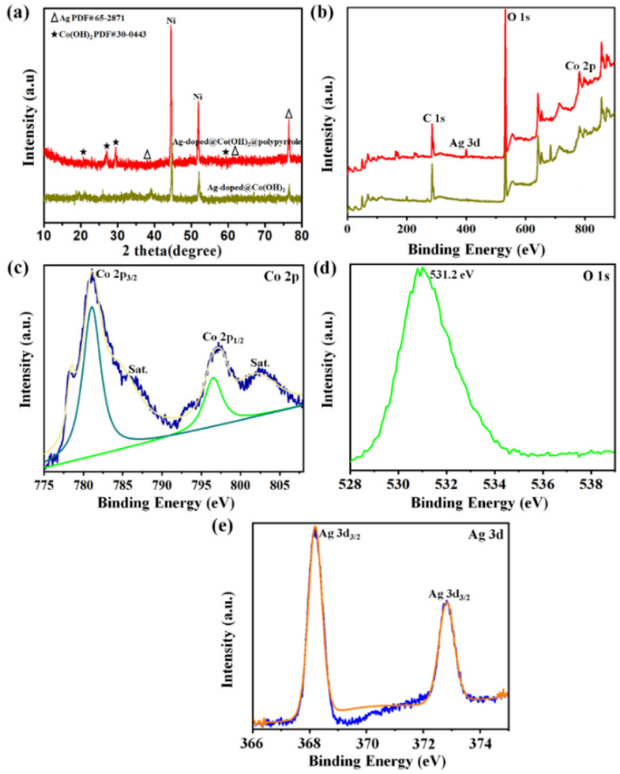


Figure 4. The XRD patterns for the electrode materials (**a**); the XPS survey spectrum (**b**) and the XPS spectra of Co 2p (**c**), O 1 s (**d**), and Ag 3d (**e**) of the Ag-doped@$Co(OH)_2$@polypyrrole NSs.

Text Correction

There was an error in the original publication [1]. Following the above error in Figure 4, a correction has been made to Section 3, Results and Discussion, Paragraph 4.

"The structure and phase purity of the prepared Ag-doped@$Co(OH)_2$ NPs and Ag-doped@$Co(OH)_2$@polypyrrole NSs were studied using the XRD technique, and the recorded XRD patterns are depicted in Figure 4a. From these XRD patterns, the $Co(OH)_2$ nanoparticles were shown to exhibit an amorphous behavior with very poor broad peaks at $2\theta = 18°–35°$. Contrastingly, the individual Ag-doped@$Co(OH)_2$ nanoparticles appeared to have a hexagonal crystal phase of $Co(OH)_2$ (JCPDS no. 30-0443) with diffraction angles of 19.4°, 32.6°, 37.8°, 57.7°, and 61.6° [34,35]. After developing Ag-doped particles onto the polypyrrole nanoparticles, the peaks of the $Co(OH)_2$ crystalline phases could still be seen in the XRD observation. After wearable polypyrrole particles were added on to Ag-doped@$Co(OH)_2$, new diffraction angles showing at 38.2°, 64.7°, and 77.54° matched well with the metallic cubic crystalline of Ag (JCPDS no. 65-2871) [36], proving the generation of PPy@$Co(OH)_2$@Ag NSs."

The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

Reference

1. Arbi, H.M.; Yadav, A.A.; Anil Kumar, Y.; Moniruzzaman, M.; Alzahmi, S.; Obaidat, I.M. Polypyrrole-Assisted Ag Doping Strategy to Boost $Co(OH)_2$ Nanosheets on Ni Foam as a Novel Electrode for High-Performance Hybrid Supercapacitors. *Nanomaterials* **2022**, *12*, 3982. [CrossRef] [PubMed]

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