



SDI Review Form 1.6

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_43485
Title of the Manuscript:	Si Microwire Anode with Enhanced Conductivity through Decoration with Cu Nanoparticles
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	The lithiation rate capability and capacity stability of the Si microwire array anode are enhanced by depositing a porous Cu film formed of Cu particles on the wire. Among them, the Cu thin film is directly formed by uniformly depositing Cu particles on the surface of the Si wire by an economical electroless chemical method, and the Si microwire with the porous film has the best performance, due to it has an expansion space during lithiation and the capacity can be expanded. 1. The curve in Figure 1 should be smoothed. 2. Figure 2a SEM image of several copper particles should be inserted. 3. Figure 2b should be inserted into the SEM image of the hole in the copper film. 4. Figure 3 should use a uniform format dotted line. 5. Figure 4 should use a uniform format dotted line, and the data is processed reasonably and then drawn. 6. The author should introduce the recent development of photocatalysts in the introduction part, Reference: Nanomaterials, 2017, 7, 252; ACS Applied Materials & Interfaces, 2016, 8, 18797-18805; Energy Storage Materials, 2017, 6, 149-156; Applied Catalysis B: Environmental, 2018, 232, 355-364. 7. Some minor mistakes including some grammer should be checked and corrected. The manuscript should be improved by an English spoken expert.	
Minor REVISION comments		
Optional/General comments		

Reviewer Details:

Name:	Jian Tian
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