



Comment to the article “How to measure and report the capacity of electrochemical double layers, supercapacitors, and their electrode materials” [1]

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The recently published article [1] contains the following statement about our publication [2] (the reference numbers in the citation are adjusted to the list presented below this comment):

“The confusion between Faradaic, capacitive, and pseudocapacitive behavior/current response of electrode materials has been addressed also by Ragoisha and Aniskevich [2] by repeating previous arguments already collected in [3] without adding new arguments or considerations.”

In fact: no argument from [3] was repeated in [2], as [2] was submitted and published online in April 2016, while [3] was submitted in September 2016 and published online in December 2016. We hereby present a Web link to “False capacitance of supercapacitors”, missing in [1], to facilitate the unbiased comparison of actual arguments of both works by readers of *Journal of Solid State Electrochemistry*.

References

1. Ge Y, Xie X, Roscher J, Holze R, Qu Q (2020) How to measure and report the capacity of electrochemical double layers, supercapacitors, and their electrode materials. *J Solid State Electrochem* 24(11-12): 3215–3230
2. Ragoisha GA, Aniskevich YM (2016) False capacitance of supercapacitors, arXiv:1604.08154. <https://arxiv.org/abs/1604.08154>
3. Holze R (2017) From current peaks to waves and capacitive currents—on the origins of capacitor-like electrode behavior. *J Solid State Electrochem* 21(9):2601–2607

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