

## Abnormal Citing Patterns on 10.1007/s43207-023-00289-2

Abnormal citing patterns are observed on the article [1], which cites a total number of 50 references, 7 of them were coauthored by the Trukhanov family. All of those 7 references are irrelevant both to the topic of the article [1] and the citing statement. The reason for these extraneous citations remains unclear. While it seems improbable that the authors selected them randomly, there is no solid evidence to suggest reviewers compelled these citations.

CeSe nanocube anchored on the nanosheet of reduced graphene oxide (rGO) as a binder free electrode for energy conversion system DOI: 10.1007/s43207-023-00289-2	
Citing Statement	Reference
Therefore, different researchers are studying the electrochemical properties for energy conversion applications such the Chun Tang et al., fabricated the binder free electrode nickel selenide nanorod directly grown on the nickel foam. The electrochemical analysis suggest that the fabricated material displayed high Cs of 1790 F g <sup>-1</sup> @ 5 A g <sup>-1</sup> [21]	21. M.A. Almessiere, <b>A.V. Trukhanov</b> , Y. Slimani, K.Y. You, <b>S.V. Trukhanov</b> , E.L. Trukhanova, F. Esa, A. Sadaqati, K. Chaudhary, M. Zdorovets, A. Baykal, Correlation between composition and electrodynamic properties in nanocomposites based on hard/soft ferrimagnetics with strong exchange coupling. <i>Nanomaterials</i> 9, 202 (2019). <a href="https://doi.org/10.3390/NANO9020202">https://doi.org/10.3390/NANO9020202</a>
Haiyang Wang et al., fabricated the CeO2 with a Cs of 105 F g <sup>-1</sup> @ 20 A g <sup>-1</sup> and a retention capacitance of 133.6% after 30,000 cycles [23].	23. M. Zdorovets, A. Kozlovskiy, D. Tishkevich, T. Zubar, <b>A. Trukhanov</b> , The effect of doping of TiO2 thin films with low-energy O2+ ions on increasing the efficiency of hydrogen evolution in photocatalytic reactions of water splitting. <i>J. Mater. Sci. Mater. Electron.</i> 31, 21142–21153 (2020). <a href="https://doi.org/10.1007/S10854-020-04626-7/FIGURES/7">https://doi.org/10.1007/S10854-020-04626-7/FIGURES/7</a>
Graphene can also improve the nanocomposite's mechanical characteristics, leading to a more stable electrode throughout its cycling. Recently, Veereshaa et al., studied the CeO2/rGO nanocomposite fabricated via hydrothermal treatment employed as supercapacitive material and exhibited the Cs of 452.6 F g <sup>-1</sup> [24].	24. <b>A.V. Trukhanov</b> , V.O. Turchenko, I.A. Bobrikov, <b>S.V. Trukhanov</b> , I.S. Kazakevich, A.M. Balagurov, Crystal structure and magnetic properties of the BaFe12-xAlxO19 (x=0.1–1.2) solid solutions. <i>J. Magn. Magn. Mater.</i> 393, 253–259 (2015). <a href="https://doi.org/10.1016/J.JMMM.2015.05.076">https://doi.org/10.1016/J.JMMM.2015.05.076</a>
The MnSe/rGO nanocomposite developed by hydrothermal method employed toward the supercapacitive materials. The fabricated materials showed the supercapacitive properties like Cs of 56.25 F g <sup>-1</sup> and enhanced 31.25 Wh kg <sup>-1</sup> energy density [25]	25. D.A. Vinnik, V.V. Kokovkin, V.V. Volchek, V.E. Zhivulin, P.A. Abramov, N.A. Cherkasova, Z. Sun, M.I. Sayyed, D.I. Tishkevich, <b>A.V. Trukhanov</b> , Electrochemical activity of various hexagonal ferrites in OER process. <i>Mater. Chem. Phys.</i> 270, 124818 (2021). <a href="https://doi.org/10.1016/J.MATCHEMPHYS.2021.124818">https://doi.org/10.1016/J.MATCHEMPHYS.2021.124818</a>
Jiaqin Yang et al., fabricated the NiS/rGO nanocomposite via one pot hydrothermal approach applied for capacitive application. The electrochemical analysis suggested that the material at 0.5 A g <sup>-1</sup> displayed the 905.30 F g <sup>-1</sup> CS and displayed the BET interfacial area of 11.8 m3 g <sup>-1</sup> [26].	26. <b>S.V. Trukhanov</b> , <b>A.V. Trukhanov</b> , V.A. Turchenko, <b>A.V. Trukhanov</b> , E.L. Trukhanova, D.I. Tishkevich, V.M. Ivanov, T.I. Zubar, M. Salem, V.G. Kostishyn, L.V. Panina, D.A. Vinnik, S.A. Gudkova, Polarization origin and iron positions in indium doped barium hexaferrites. <i>Ceram. Int.</i> 44, 290–300 (2018). <a href="https://doi.org/10.1016/J.CERAMINT.2017.09.172">https://doi.org/10.1016/J.CERAMINT.2017.09.172</a>
MoS2/rGO. The fabricated electrode material exhibited the 387.6 F g <sup>-1</sup> Cs at 1.2 A g <sup>-1</sup> and showed the stable behavior up to 1000 cycles [27].	27. M. Hassan, Y. Slimani, M.A. Gondal, M.J.S. Mohamed, S. Güner, M.A. Almessiere, A.M. Surrati, A. Baykal, <b>S. Trukhanov</b> , <b>A. Trukhanov</b> , Structural parameters, energy states and magnetic properties of the novel Se-doped NiFe2O4 ferrites as highly efficient electrocatalysts for HER. <i>Ceram. Int.</i> 48, 24866–24876 (2022). <a href="https://doi.org/10.1016/J.CERAMINT.2022.05.140">https://doi.org/10.1016/J.CERAMINT.2022.05.140</a>
Jiaqi Qu et al. established the NiSe2@rGO nanohybrid for energy storage application. The electrochemical analysis revealed that nanohybrid material exhibited the high 467 C g <sup>-1</sup> at 1 A g <sup>-1</sup> and remarkable retention of capacity of 93% after 6500 stability cycles [28].	28. S. Manzoor, <b>S.V. Trukhanov</b> , M.N. Ansari, M. Abdullah, A. Alruwaili, <b>A.V. Trukhanov</b> , M.U. Khandaker, A.M. Idris, K.S. El-Nasser, T.A. Taha, Flowery In2MnSe4 novel electrocatalyst developed via anion exchange strategy for efficient water splitting. <i>Nanomaterials</i> 12, 2209 (2022). <a href="https://doi.org/10.3390/NANO12132209">https://doi.org/10.3390/NANO12132209</a>

[1] 10.1007/s43207-023-00289-2

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