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Abnormal Citing Patterns on 10.1016/j.jpcs.2024.111909

Abnormal citing patterns are observed on the article [1], which cites a total number of 59 references, but 7 (about 12%) of them were coauthored by the Trukhanov family. Those 7 references are irrelevant both to the topic of the article [1] or the citing statement. They were also heavily concentrated in Ref 1-3 and 7-10, suggesting manipulation.

Development of Mn doped CeTe as an environmental purifier for photodegradation of noxious methylene blue dye in water
DOI: 10.1016/j.jpcs.2024.111909

Citing Statement	Reference
Pollutants such as effluent, gaseous wastes, and solid wastes are simultaneously produced by industry [1–3].	[1] M. Hassan, Y. Slimani, M.A. Gondal, M.J.S. Mohamed, S. Güner, M.A. Almessiere, A.M. Surrati, A. Baykal, **S. Trukhanov**, **A. Trukhanov**, Structural parameters, energy states and magnetic properties of the novel Se-doped NiFe2O4 ferrites as highly efficient electrocatalysts for HER, Ceram. Int. 48 (2022) 2486624876, https://doi.org/10.1016/J.CERAMINT.2022.05.140. [2] **S.V. Trukhanov**, **A.V. Trukhanov**, V.A. Turchenko, **A.V. Trukhanov**, 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, Ceram. Int. 44 (2018) 290–300, https://doi.org/10.1016/J.CERAMINT.2017.09.172. [3] 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, **A.V. Trukhanov**, Electrocatalytic activity of various hexagonal ferrites in OER process, Mater. Chem. Phys. 270 (2021) 124818, https://doi.org/10.1016/J.MATCHEMPHYS.2021.124818.
Finding a feasible method of converting these hazardous products into less harmful byproducts like carbon dioxide (CO2) and water (H2O) is crucial to enhancing the quality of life in a hygienic environment [7–10]	[7] **A.V. Trukhanov**, V.O. Turchenko, I.A. Bobrikov, **S.V. Trukhanov**, I.S. Kazakevich, A.M. Balagurov, Crystal structure and magnetic properties of the BaFe12− xAlxO19 (x=0.1–1.2) solid solutions, J. Magn. Magn Mater. 393 (2015) 253–259, https://doi.org/10.1016/J.JMMM.2015.05.076. [8] M. Zdorovets, A. Kozlovskiy, D. Tishkevich, T. Zubar, **A. Trukhanov**, 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, J. Mater. Sci. Mater. Electron. 31 (2020) 21142–21153, https://doi.org/10.1007/S10854-020-04626-7/FIGURES/7. [9] **A.V. Trukhanov**, V.G. Kostishyn, L.V. Panina, V.V. Korovushkin, V.A. Turchenko, P. Thakur, A. Thakur, Y. Yang, D.A. Vinnik, E.S. Yakovenko, L.Y. Matzui, E.L. Trukhanova, **S.V. Trukhanov**, Control of electromagnetic properties in substituted M-type hexagonal ferrites, J. Alloys Compd. 754 (2018) 247–256, https://doi.org/10.1016/J.JALLCOM.2018.04.150. [10] M.A. Almessiere, **A.V. Trukhanov**, Y. Slimani, K.Y. You, **S.V. Trukhanov**, E.L. Trukhanova, F. Esa, A. Sadaqati, K. Chaudhary, M. Zdorovets, A. Baykal, Correlation between composition and electrodynamics properties in nanocomposites based on hard/soft ferrimagnetics with strong exchange coupling, Nanomaterials 9 (2019) 202, https://doi.org/10.3390/NANO9020202, 2019, Vol. 9, Page 202.

[1] 10.1016/j.jpcs.2024.111909
