

Abnormal Citing Patterns on 10.1007/s10854-023-11600-6

Abnormal citing patterns are observed on the article [1], which cites a total number of 73 references, 4 of them were coauthored by the Trukhanov family. Although this number (4) is small of the total references (about 5%), however, those 4 references are irrelevant both to the topic of the article [1] and the citing statement. They were also heavily concentrated in Ref 8-10 and 21, suggesting potential of manipulation.

| Development of Mn doped CeTe as an environmental purifier for photodegradation of noxious methylene blue dye in water DOI: 10.1007/s10854-023-11600-6 | |
|--|---|
| Citing Statement | Reference |
| Companies in the textile, photography, printing, painting, leather, and agro-allied industries that manufacture pesticides, insecticides, and fertilizers are the primary contributors to wastewater contamination [8–10]. | 8. M.A. Almessiere, A.V. Trukhanov , Y. Slimani, K.Y. You, S.V. Trukhanov , E.L. Trukhanova et al., Correlation between composition and electrodynamics properties in nanocomposites based on hard/soft ferrimagnetics with strong exchange coupling. <i>Nanomater</i> (2019). https://doi.org/10.3390/NANO9020202 |
| | 9. A.V. Trukhanov , V.G. Kostishyn, L.V. Panina, V.V. Korovushkin, V.A. Turchenko , P. Thakur et al., Control of electromagnetic properties in substituted M-type hexagonal ferrites. <i>J. Alloys Compd.</i> 754, 247–256 (2018). https://doi.org/10.1016/J.JALLCOM.2018.04.150 |
| | 10. 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 BaFe ₁₂ –xAlxO ₁₉ (x = 0.1–1.2) solid solutions. <i>J. Magn. Magn. Mater.</i> 393, 253–259 (2015). https://doi.org/10.1016/J.JMMM.2015.05.076 |
| however, these methods are not widely employed owing to time-consuming, number of hazardous secondary products, and non-economical photocatalysts are able to penetrate semiconductors at the nanoscale, resulting in an accelerated oxidation process that is stable, inexpensive to produce, and safe for the environment [20–22]. | 21. S.V. Trukhanov , A.V. Trukhanov , V.A. Turchenko, A.V. Trukhanov , E.L. Trukhanova, D.I. Tishkevich et al., Polarization origin and iron positions in indium doped barium hexaferrites. <i>Ceram. Int.</i> 44, 290–300 (2018). https://doi.org/10.1016/J.CERAMINT.2017.09.172 |

[1] 10.1007/s10854-023-11600-6

This article is licensed to the 5GH Foundation under a CC BY-NC-ND 4.0 International License.