

## Abnormal Citing Patterns on 10.1016/j.matchemphys.2021.124444

Abnormal citing patterns are observed on the article [1], which cites a total number of 65 references, but 13 of them (20%) were coauthored by Sahar Zinatloo-Ajabshir but not relative to the article [1]. Those references were heavily concentrated in Ref 36-48, suggesting manipulation.

Effect of doping of Ce4+/3+ on optical, strength and shielding properties of (0.5-x)TeO2-0.25MoO-0.25Bi2O3-xCeO2 glasses  
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Citing Statement	Reference
Interest in these types of glasses is due to their physical and optical properties, such as high heat resistance and chemical resistance to degradation, mechanical stability and resistance to external influences, good throughput and gap widths [31–36]	[36] <b>Sahar Zinatloo-Ajabshir</b> , Maryam Sadat Morassaei, Masoud Salavati-Nasari, Ecofriendly synthesis of Nd2Sn2O7-based nanostructure materials using grape juice as green fuel as photocatalyst for the degradation of erythrosine, <i>Compos. B Eng.</i> 167 (2019) 643–653
	[37] Maryam Sadat Morassaei, <b>Sahar Zinatloo-Ajabshir</b> , Masoud Salavati-Nasari, Simple salt-assisted combustion synthesis of Nd <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> -SnO <sub>2</sub> nanocomposites with different amino acids as fuel: an efficient photocatalyst for the degradation of methyl orange dye, <i>J. Mater. Sci. Mater. Electron.</i> 27 (11) (2016) 11698–11706.
	[38] <b>Sahar Zinatloo-Ajabshir</b> , et al., Rare earth zirconate nanostructures: recent development on preparation and photocatalytic applications, <i>J. Alloys Compd.</i> 767 (2018) 1164–1185.
	[39] <b>Sahar Zinatloo-Ajabshir</b> , et al., Green synthesis, characterization and investigation of the electrochemical hydrogen storage properties of Dy2Ce2O7 nanostructures with fig extract, <i>Int. J. Hydrogen Energy</i> 44 (36) (2019) 20110–20120.
Also, oxide structures from the group of rare-earth elements or lanthanides are used not only as protective materials, but also as various catalysts, magnetic devices or a basis for photocells [37–42]	[40] <b>Sahar Zinatloo-Ajabshir</b> , Maryam Sadat Morassaei, Masoud Salavati-Nasari, Facile synthesis of Nd2Sn2O7:SnO2 nanostructures by novel and environment-friendly approach for the photodegradation and removal of organic pollutants in water, <i>J. Environ. Manag.</i> 233 (2019) 107–119.
	[41] <b>Sahar Zinatloo-Ajabshir</b> , et al., Effect of zirconia on improving NOx reduction efficiency of Nd2Zr2O7 nanostructure fabricated by a new, facile and green sonochemical approach, <i>Ultrason. Sonochem.</i> 71 (2021) 105376.
	[42] <b>Sahar Zinatloo-Ajabshir</b> , Zahra Salehi, Masoud Salavati-Nasari, Green synthesis of Dy2Ce2O7 ceramic nanostructures using juice of Punica granatum and their efficient application as photocatalytic degradation of organic contaminants under visible light, <i>Ceram. Int.</i> 44 (4) (2018) 3873–3883.
	[43] <b>Sahar Zinatloo-Ajabshir</b> , et al., Green synthesis of dysprosium stannate nanoparticles using Ficus carica extract as photocatalyst for the degradation of organic pollutants under visible irradiation, <i>Ceram. Int.</i> 46 (5) (2020) 6095–6107.
	[44] <b>Sahar Zinatloo-Ajabshir</b> , Masoud Salavati-Nasari, Preparation of magnetically retrievable CoFe2O4@SiO2/Dy2Ce2O7 nanocomposites as novel photocatalyst for highly efficient degradation of organic contaminants, <i>Compos. B Eng.</i> 174 (2019) 106930.
The use of oxide structures of rare-earth elements is primarily associated with their electronic structure, as well as unique optical properties that allow them to be used to change the width of the forbidden zone, electronic density and the concentration of vacancy defects in the structure of ceramics or glasses [43–50].	[45] <b>Sahar Zinatloo-Ajabshir</b> , Maryam Sadat Morassaei, Masoud Salavati-Nasari, Simple approach for the synthesis of Dy2Sn2O7 nanostructures as a hydrogen storage material from banana juice, <i>J. Clean. Prod.</i> 222 (2019) 103–110.
	[46] <b>Sahar Zinatloo-Ajabshir</b> , et al., Nd2Sn2O7 nanostructures: green synthesis and characterization using date palm extract, a potential electrochemical hydrogen storage material, <i>Ceram. Int.</i> 46 (2020) 17186–17196, 11.
	[47] <b>Sahar Zinatloo-Ajabshir</b> , et al., Simple fabrication of Pr2Ce2O7 nanostructures via a new and eco-friendly route; a potential electrochemical hydrogen storage material, <i>J. Alloys Compd.</i> 791 (2019) 792–799.
	[48] <b>Sahar Zinatloo-Ajabshir</b> , Mehdi Mousavi-Kamazani, Effect of copper on improving the electrochemical storage of hydrogen in CeO2 nanostructure fabricated by a simple and surfactant-free sonochemical pathway, <i>Ceram. Int.</i> 46 (2020) 26548–26556, 17.

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