

# Tulika Srivastava

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

208  
citations

1307594

7  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

216  
citing authors

#	ARTICLE	IF	CITATIONS
1	A real-time light scattering technique for tailings solids measurement. Journal of Environmental Quality, 2021, 50, 580-588.	2.0	3
2	Role of Ga-substitution in ZnO on defect states, carrier density, mobility and UV sensing. Journal of Materials Science: Materials in Electronics, 2019, 30, 18686-18695.	2.2	12
3	Zn <sub>1-x</sub> Si <sub>x</sub> O: Reduced photosensitivity, improved stability and enhanced conductivity. Scripta Materialia, 2018, 150, 42-44.	5.2	6
4	Vanadium substitution: A simple and economic way to improve UV sensing in ZnO. Journal of Applied Physics, 2018, 123, .	2.5	17
5	Enhanced red emission from Fe/Si co-doped ZnO nano-particles. Scripta Materialia, 2018, 144, 27-30.	5.2	16
6	Effect of ionic size compensation by Ag <sup>+</sup> incorporation in homogeneous Fe-substituted ZnO: studies on structural, mechanical, optical, and magnetic properties. RSC Advances, 2018, 8, 24355-24369.	3.6	14
7	Effect of titanium on the structural and optical property of NiO nano powders. AIP Conference Proceedings, 2018, , .	0.4	0
8	Zn <sub>1-x</sub> Si <sub>x</sub> O: Improved optical transmission and electrical conductivity. Ceramics International, 2017, 43, 5668-5673.	4.8	12
9	Opto-electronic properties of Zn <sub>(1-x)</sub> V <sub>x</sub> O: Green emission enhancement due to V <sup>4+</sup> state. Journal of Applied Physics, 2017, 122, 025106.	2.5	7
10	Influence of Si incorporation on mechanical properties of ZnO particles. AIP Conference Proceedings, 2017, , .	0.4	0
11	Structural Distortion and Bandgap Increment in Nanocrystalline Wurtzite Si Substituted ZnO. Journal of Nanoscience and Nanotechnology, 2017, 17, 1356-1359.	0.9	2
12	Reduction of O <sup>2-</sup> related defect states related to increased bandgap in Si <sup>4+</sup> substituted ZnO. Scripta Materialia, 2016, 124, 11-14.	5.2	20
13	Energy and exergy analysis of 36W solar photovoltaic module. International Journal of Ambient Energy, 2014, 35, 51-57.	2.5	99