

# Santosh Behara

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

192  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning (ML) as a tool for phosphor design: A perspective. <i>Materials Letters</i> , 2022, 308, 131061.	2.6	6
2	Crystal structure classification in ABO <sub>3</sub> perovskites via machine learning. <i>Computational Materials Science</i> , 2021, 188, 110191.	3.0	30
3	Amphoteric behavior of Dy <sup>3+</sup> in Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> : Neutron diffraction and Raman studies. <i>Ceramics International</i> , 2021, 47, 12870-12878.	4.8	10
4	Structural and optical properties of (Y <sup>3+</sup> , Tb <sup>3+</sup> )-codoped sodium bismuth titanate nanoparticles. <i>Materials Today Chemistry</i> , 2021, 20, 100476.	3.5	10
5	Enhanced solar light driven hydrogen generation and environment remediation through Nd incorporated ZnIn <sub>2</sub> S <sub>4</sub> . <i>Renewable Energy</i> , 2020, 162, 2031-2040.	8.9	16
6	Stability and amphotericity analysis in rhombohedral ABO <sub>3</sub> perovskites. <i>Materialia</i> , 2020, 13, 100819.	2.7	7
7	Strain-induced effects in the electronic and optical properties of Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> : An ab-initio study. <i>Materials Today Communications</i> , 2020, 24, 101348.	1.9	11
8	Amphotericity-spectroscopy correlations in Eu doped sodium bismuth titanate (Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> ). <i>Materialia</i> , 2019, 7, 100426.	2.7	20
9	Mixed ternary transition metal nitrides: A comprehensive review of synthesis, electronic structure, and properties of engineering relevance. <i>Progress in Solid State Chemistry</i> , 2019, 53, 1-26.	7.2	50
10	Structural, optical, and Raman studies of Gd doped sodium bismuth titanate. <i>Ceramics International</i> , 2018, 44, 12118-12124.	4.8	32