

# Sourabh Kumar Soni

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

206  
citations

1478505

6  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

152  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Review on CNTs and CNT-Reinforced Composites: Syntheses, Characteristics and Applications. <i>Materials Today Communications</i> , 2020, 25, 101546.	1.9	116
2	Fabrication and machinability analysis of squeeze cast Al 7075/h-BN/graphene hybrid nanocomposite. <i>Engineering Research Express</i> , 2019, 1, 015004.	1.6	22
3	Microstructure and Mechanical Characterization of Al <sub>2</sub> O <sub>3</sub> /Graphene Reinforced Al6061 Based Hybrid Nanocomposites. <i>Metals and Materials International</i> , 2022, 28, 545-555.	3.4	18
4	Influence of TiO <sub>2</sub> and MWCNT nanoparticles dispersion on microstructure and mechanical properties of Al6061 matrix hybrid nanocomposites. <i>Materials Research Express</i> , 2019, 6, 1265f3.	1.6	14
5	Microstructure, mechanical properties and machinability studies of Al7075/SiC/h-BN hybrid nanocomposite fabricated via ultrasonic-assisted squeeze casting. <i>FME Transactions</i> , 2020, 48, 532-542.	1.4	13
6	Influence of dispersion technique/time on dispersion stability, aspect ratio and morphology of multi-walled carbon nanotubes. <i>International Journal of Nanotechnology</i> , 2021, 18, 590.	0.2	7
7	A comparative study of electrochemical machining process parameters by using GA and Taguchi method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 263, 062038.	0.6	5
8	Dynamic analysis of functionally graded shaft. <i>FME Transactions</i> , 2019, 47, 151-157.	1.4	5
9	Design manufacture and testing of a composite support structure for spacecraft application. <i>Materials Today: Proceedings</i> , 2020, 22, 1374-1379.	1.8	3
10	Influence of CNTs grading and reinforcement on dynamic characteristics of composite Plates in thermal environment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1123, 012052.	0.6	2
11	Experimental investigation and optimization of welding process parameters for various steel grades using NN tool and Taguchi method. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1
12	A Review on Polymer Nanocomposites Used in Aerospace. , 2022, , 1-11.		0