

# Satish Teotia

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,139  
citations

643344

15  
h-index

843174

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1765  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic Shielding Capabilities of Metal Matrix Composites. , 2021, , 428-441.		5
2	Dynamic Optical Study of Flexible Multiwall Carbon Nanotube Paper Using Terahertz Spectroscopy. Journal of Electronic Materials, 2021, 50, 5625-5631.	1.0	2
3	Chalcopyrite based carbon composite electrodes for high performance symmetric supercapacitor. Chemical Engineering Journal, 2020, 399, 125711.	6.6	29
4	Green chemistry based fabrication of holey graphene electrodes for high-performance supercapacitors. Materials Letters, 2020, 271, 127793.	1.3	9
5	Multi-component framework derived SiC composite paper to support efficient thermal transport and high EMI shielding performance. Composites Part B: Engineering, 2019, 176, 107123.	5.9	20
6	Lightweight, high electrical and thermal conducting carbon-rGO composites foam for superior electromagnetic interference shielding. Composites Part B: Engineering, 2019, 160, 131-139.	5.9	86
7	Engineering novel synthetic strategy to develop mesocarbon microbeads for multi-functional applications. Materials Research Express, 2018, 5, 045011.	0.8	3
8	Excellent mechanical properties of long multiwalled carbon nanotube bridged Kevlar fabric. Carbon, 2018, 137, 104-117.	5.4	76
9	Structural and mechanical properties of free-standing multiwalled carbon nanotube paper prepared by an aqueous mediated process. Journal of Materials Science, 2017, 52, 7503-7515.	1.7	17
10	Integration of MCMBs/MWCNTs with Fe <sub>3</sub> O <sub>4</sub> in a flexible and light weight composite paper for promising EMI shielding applications. Journal of Materials Chemistry C, 2017, 5, 322-332.	2.7	94
11	New insight into minimal architecture based carbon nanotubes anode with improved mechanical properties for Li-ion battery. Advanced Materials Letters, 2017, 8, 1038-1045.	0.3	1
12	Lightweight and Easily Foldable MCMB-MWCNTs Composite Paper with Exceptional Electromagnetic Interference Shielding. ACS Applied Materials & Interfaces, 2016, 8, 10600-10608.	4.0	188
13	Solvent Free, Efficient, Industrially Viable, Fast Dispersion Process Based Amine Modified MWCNT Reinforced Epoxy Composites Of Superior Mechanical Properties. Advanced Materials Letters, 2015, 6, 104-113.	0.3	77
14	Effect of length of carbon nanotubes on electromagnetic interference shielding and mechanical properties of their reinforced epoxy composites. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	61
15	MnO <sub>2</sub> decorated graphene nanoribbons with superior permittivity and excellent microwave shielding properties. Journal of Materials Chemistry A, 2014, 2, 4256.	5.2	214
16	Multifunctional, robust, light-weight, free-standing MWCNT/phenolic composite paper as anodes for lithium ion batteries and EMI shielding material. RSC Advances, 2014, 4, 33168-33174.	1.7	60
17	Synthesis and characterization of carbon nanotubes over iron carbide nanoparticles coated Al powder using thermal chemical vapor deposition. Applied Nanoscience (Switzerland), 2013, 3, 41-48.	1.6	4
18	Designing of multiwalled carbon nanotubes reinforced polyurethane composites as electromagnetic interference shielding materials. Journal of Polymer Research, 2013, 20, 1.	1.2	90

#	ARTICLE	IF	CITATIONS
19	Goldâ€Nanoparticleâ€Decorated Boron Nitride Nanosheets: Structure and Optical Properties. Particle and Particle Systems Characterization, 2013, 30, 445-452.	1.2	22
20	Carbon nanotubes: Amino functionalization and its application in the fabrication of Al-matrix composites. Powder Technology, 2012, 215-216, 254-263.	2.1	47
21	Use of Aminoâ€Functionalized CNTs and CVD Grown CNTs for Better Dispersion in Al Powder in the Fabrication of Composites. , 2011, , .		0
22	Fabrication and characterization of Al-matrix composites reinforced with amino-functionalized carbon nanotubes. Composites Science and Technology, 2011, 72, 103-111.	3.8	34
23	Microstructural Features and Luminescence Behavior of Nanostructures of Boron Nitride Produced by Mechanochemical Process. Journal of Nanoengineering and Nanomanufacturing, 2011, 1, 212-218.	0.3	0