

Satish Teotia

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,139
citations

567281

15
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

1551
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | MnO ₂ decorated graphene nanoribbons with superior permittivity and excellent microwave shielding properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4256. | 10.3 | 214 |
| 2 | Lightweight and Easily Foldable MCMB-MWCNTs Composite Paper with Exceptional Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 10600-10608. | 8.0 | 188 |
| 3 | Integration of MCMBs/MWCNTs with Fe ₃ O ₄ in a flexible and light weight composite paper for promising EMI shielding applications. <i>Journal of Materials Chemistry C</i> , 2017, 5, 322-332. | 5.5 | 94 |
| 4 | Designing of multiwalled carbon nanotubes reinforced polyurethane composites as electromagnetic interference shielding materials. <i>Journal of Polymer Research</i> , 2013, 20, 1. | 2.4 | 90 |
| 5 | Lightweight, high electrical and thermal conducting carbon-rGO composites foam for superior electromagnetic interference shielding. <i>Composites Part B: Engineering</i> , 2019, 160, 131-139. | 12.0 | 86 |
| 6 | Solvent Free, Efficient, Industrially Viable, Fast Dispersion Process Based Amine Modified MWCNT Reinforced Epoxy Composites Of Superior Mechanical Properties. <i>Advanced Materials Letters</i> , 2015, 6, 104-113. | 0.6 | 77 |
| 7 | Excellent mechanical properties of long multiwalled carbon nanotube bridged Kevlar fabric. <i>Carbon</i> , 2018, 137, 104-117. | 10.3 | 76 |
| 8 | Effect of length of carbon nanotubes on electromagnetic interference shielding and mechanical properties of their reinforced epoxy composites. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1. | 1.9 | 61 |
| 9 | Multifunctional, robust, light-weight, free-standing MWCNT/phenolic composite paper as anodes for lithium ion batteries and EMI shielding material. <i>RSC Advances</i> , 2014, 4, 33168-33174. | 3.6 | 60 |
| 10 | Carbon nanotubes: Amino functionalization and its application in the fabrication of Al-matrix composites. <i>Powder Technology</i> , 2012, 215-216, 254-263. | 4.2 | 47 |
| 11 | Fabrication and characterization of Al-matrix composites reinforced with amino-functionalized carbon nanotubes. <i>Composites Science and Technology</i> , 2011, 72, 103-111. | 7.8 | 34 |
| 12 | Chalcopyrite based carbon composite electrodes for high performance symmetric supercapacitor. <i>Chemical Engineering Journal</i> , 2020, 399, 125711. | 12.7 | 29 |
| 13 | Gold Nanoparticle Decorated Boron Nitride Nanosheets: Structure and Optical Properties. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 445-452. | 2.3 | 22 |
| 14 | Multi-component framework derived SiC composite paper to support efficient thermal transport and high EMI shielding performance. <i>Composites Part B: Engineering</i> , 2019, 176, 107123. | 12.0 | 20 |
| 15 | Structural and mechanical properties of free-standing multiwalled carbon nanotube paper prepared by an aqueous mediated process. <i>Journal of Materials Science</i> , 2017, 52, 7503-7515. | 3.7 | 17 |
| 16 | Green chemistry based fabrication of holey graphene electrodes for high-performance supercapacitors. <i>Materials Letters</i> , 2020, 271, 127793. | 2.6 | 9 |
| 17 | Electromagnetic Shielding Capabilities of Metal Matrix Composites. , 2021, , 428-441. | | 5 |
| 18 | Synthesis and characterization of carbon nanotubes over iron carbide nanoparticles coated Al powder using thermal chemical vapor deposition. <i>Applied Nanoscience (Switzerland)</i> , 2013, 3, 41-48. | 3.1 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Engineering novel synthetic strategy to develop mesocarbon microbeads for multi-functional applications. <i>Materials Research Express</i> , 2018, 5, 045011. | 1.6 | 3 |
| 20 | Dynamic Optical Study of Flexible Multiwall Carbon Nanotube Paper Using Terahertz Spectroscopy. <i>Journal of Electronic Materials</i> , 2021, 50, 5625-5631. | 2.2 | 2 |
| 21 | New insight into minimal architecture based carbon nanotubes anode with improved mechanical properties for Li-ion battery. <i>Advanced Materials Letters</i> , 2017, 8, 1038-1045. | 0.6 | 1 |
| 22 | Use of Amino-Functionalized CNTs and CVD Grown CNTs for Better Dispersion in Al Powder in the Fabrication of Composites. , 2011, , . | | 0 |
| 23 | Microstructural Features and Luminescence Behavior of Nanostructures of Boron Nitride Produced by Mechanochemical Process. <i>Journal of Nanoengineering and Nanomanufacturing</i> , 2011, 1, 212-218. | 0.3 | 0 |