

Tejendra K Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,162
citations

448610

19
h-index

685536

24
g-index

25
all docs

25
docs citations

25
times ranked

3128
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advancement in three dimensional graphene-carbon nanotubes hybrid materials for energy storage and conversion applications. <i>Journal of Energy Storage</i> , 2022, 50, 104235.	3.9	27
2	Investigation of the microwave absorbing properties on polymer sheets. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 25963-25972.	1.1	3
3	Strong, stretchable and ultrasensitive MWCNT/TPU nanocomposites for piezoresistive strain sensing. <i>Composites Part B: Engineering</i> , 2019, 177, 107285.	5.9	97
4	Electrical, mechanical and thermal properties of graphene nanoplatelets reinforced UHMWPE nanocomposites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 241, 82-91.	1.7	68
5	Self-sensing and mechanical performance of CNT/GNP/UHMWPE biocompatible nanocomposites. <i>Journal of Materials Science</i> , 2018, 53, 7939-7952.	1.7	49
6	Synergetic effect of graphene oxide-carbon nanotube on nanomechanical properties of acrylonitrile butadiene styrene nanocomposites. <i>Materials Research Express</i> , 2018, 5, 045608.	0.8	19
7	Self-sensing performance of MWCNT-low density polyethylene nanocomposites. <i>Materials Research Express</i> , 2018, 5, 015703.	0.8	24
8	Strain and damage-sensing performance of biocompatible smart CNT/UHMWPE nanocomposites. <i>Materials Science and Engineering C</i> , 2018, 92, 957-968.	3.8	58
9	Strong linear-piezoresistive-response of carbon nanostructures reinforced hyperelastic polymer nanocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 113, 141-149.	3.8	68
10	Fabrication of Carbon Nanotube/Polymer Nanocomposites. , 2018, , 61-81.		19
11	Excellent storage stability and sensitive detection of neurotoxin quinolinic acid. <i>Biosensors and Bioelectronics</i> , 2017, 90, 224-229.	5.3	15
12	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.	0.3	77
13	Superior nano-mechanical properties of reduced graphene oxide reinforced polyurethane composites. <i>RSC Advances</i> , 2015, 5, 16921-16930.	1.7	56
14	Microwave-Assisted Synthesis of Boron and Nitrogen co-doped Reduced Graphene Oxide for the Protection of Electromagnetic Radiation in Ku-Band. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 19831-19842.	4.0	145
15	Origin of radial breathing mode in multiwall carbon nanotubes synthesized by catalytic chemical vapor deposition. <i>Carbon</i> , 2014, 66, 724-726.	5.4	19
16	Multi-walled carbon nanotubeâ€“grapheneâ€“polyaniline multiphase nanocomposite with superior electromagnetic shielding effectiveness. <i>Nanoscale</i> , 2014, 6, 842-851.	2.8	293
17	MnO ₂ decorated graphene nanoribbons with superior permittivity and excellent microwave shielding properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4256.	5.2	214
18	Large scale production of three dimensional carbon nanotube pillared graphene network for bi-functional optical properties. <i>Carbon</i> , 2014, 78, 147-155.	5.4	26

#	ARTICLE	IF	CITATIONS
19	Improved nanoindentation and microwave shielding properties of modified MWCNT reinforced polyurethane composites. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9138.	5.2	282
20	Effective improvement of the properties of light weight carbon foam by decoration with multi-wall carbon nanotubes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 5727.	5.2	154
21	Carboxylated multiwalled carbon nanotubes based biosensor for aflatoxin detection. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 258-264.	4.0	138
22	Designing of multiwalled carbon nanotubes reinforced polyurethane composites as electromagnetic interference shielding materials. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	90
23	Enhancement in the thermomechanical properties of carbon fibre-carbon nanotubes-epoxy hybrid composites. <i>International Journal of Nanotechnology</i> , 2012, 9, 1040.	0.1	12
24	Effect of dispersion conditions on the mechanical properties of multi-walled carbon nanotubes based epoxy resin composites. <i>Journal of Polymer Research</i> , 2011, 18, 1397-1407.	1.2	104
25	Designing of multiwalled carbon nanotubes reinforced low density polyethylene nanocomposites for suppression of electromagnetic radiation. <i>Journal of Nanoparticle Research</i> , 2011, 13, 7065-7074.	0.8	105