

# Tejendra K Gupta

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

2,162  
citations

394390

19  
h-index

610883

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

2744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-walled carbon nanotubeâ€“grapheneâ€“polyaniline multiphase nanocomposite with superior electromagnetic shielding effectiveness. <i>Nanoscale</i> , 2014, 6, 842-851.	5.6	293
2	Improved nanoindentation and microwave shielding properties of modified MWCNT reinforced polyurethane composites. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9138.	10.3	282
3	MnO <sub>2</sub> decorated graphene nanoribbons with superior permittivity and excellent microwave shielding properties. <i>Journal of Materials Chemistry A</i> , 2014, 2, 4256.	10.3	214
4	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.	10.3	154
5	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 &amp; Interfaces</i> , 2015, 7, 19831-19842.	8.0	145
6	Carboxylated multiwalled carbon nanotubes based biosensor for aflatoxin detection. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 258-264.	7.8	138
7	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.	1.9	105
8	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.	2.4	104
9	Strong, stretchable and ultrasensitive MWCNT/TPU nanocomposites for piezoresistive strain sensing. <i>Composites Part B: Engineering</i> , 2019, 177, 107285.	12.0	97
10	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
11	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
12	Strong linear-piezoresistive-response of carbon nanostructures reinforced hyperelastic polymer nanocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 113, 141-149.	7.6	68
13	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.	3.5	68
14	Strain and damage-sensing performance of biocompatible smart CNT/UHMWPE nanocomposites. <i>Materials Science and Engineering C</i> , 2018, 92, 957-968.	7.3	58
15	Superior nano-mechanical properties of reduced graphene oxide reinforced polyurethane composites. <i>RSC Advances</i> , 2015, 5, 16921-16930.	3.6	56
16	Self-sensing and mechanical performance of CNT/GNP/UHMWPE biocompatible nanocomposites. <i>Journal of Materials Science</i> , 2018, 53, 7939-7952.	3.7	49
17	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.	8.1	27
18	Large scale production of three dimensional carbon nanotube pillared graphene network for bi-functional optical properties. <i>Carbon</i> , 2014, 78, 147-155.	10.3	26

#	ARTICLE	IF	CITATIONS
19	Self-sensing performance of MWCNT-low density polyethylene nanocomposites. Materials Research Express, 2018, 5, 015703.	1.6	24
20	Origin of radial breathing mode in multiwall carbon nanotubes synthesized by catalytic chemical vapor deposition. Carbon, 2014, 66, 724-726.	10.3	19
21	Synergetic effect of graphene oxide-carbon nanotube on nanomechanical properties of acrylonitrile butadiene styrene nanocomposites. Materials Research Express, 2018, 5, 045608.	1.6	19
22	Fabrication of Carbon Nanotube/Polymer Nanocomposites. , 2018, , 61-81.		19
23	Excellent storage stability and sensitive detection of neurotoxin quinolinic acid. Biosensors and Bioelectronics, 2017, 90, 224-229.	10.1	15
24	Enhancement in the thermomechanical properties of carbon fibre-carbon nanotubes-epoxy hybrid composites. International Journal of Nanotechnology, 2012, 9, 1040.	0.2	12
25	Investigation of the microwave absorbing properties on polymer sheets. Journal of Materials Science: Materials in Electronics, 2021, 32, 25963-25972.	2.2	3