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## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62  
papers

7,341  
citations

30  
h-index

64  
g-index

64  
ext. papers

8,089  
ext. citations

7.6  
avg, IF

6.07  
L-index

#	Paper	IF	Citations
62	In-situ characterization on the fracture behavior of three dimensional polymer nanocomposites reinforced by CNT sponge. <i>Composites Science and Technology</i> , <b>2022</b> , 217, 109132	8.6	1
61	Correlation of Phase Composition, Structure, and Mechanical Properties of Natural Basalt Continuous Fibers. <i>Natural Resources Research</i> , <b>2021</b> , 30, 1105-1119	4.9	3
60	Anisotropic conductive networks for multidimensional sensing. <i>Materials Horizons</i> , <b>2021</b> , 8, 2615-2653	14.4	7
59	Facile preparation of a polysilsesquioxane sheet with a three-dimensional structure. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 7176-7183	7.8	0
58	Direct visualization of interfacial debonding in FRP structure using an AIE molecule. <i>Composites Communications</i> , <b>2021</b> , 27, 100816	6.7	0
57	Composites with AIEgens for Temperature Sensing and Strain Measurement. <i>Macromolecular Chemistry and Physics</i> , <b>2020</b> , 221, 1900552	2.6	4
56	Preparation of cellulose-coated cotton fabric and its application for the separation of emulsified oil in water. <i>Carbohydrate Polymers</i> , <b>2020</b> , 240, 116318	10.3	26
55	Wheat bran/polymer composites as a solidifier to gel oil on water surface. <i>Composites Communications</i> , <b>2020</b> , 22, 100471	6.7	0
54	What happens to glass fiber under extreme chemical conditions?. <i>Journal of Non-Crystalline Solids</i> , <b>2020</b> , 548, 120331	3.9	5
53	Factors governing the tensile strength of basalt fibre. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2019</b> , 119, 127-133	8.4	21
52	Hydrogel-coated basalt fibre with superhydrophilic and underwater superoleophobic performance for oil-water separation. <i>Composites Communications</i> , <b>2019</b> , 14, 1-6	6.7	16
51	Bi-functional composite foam with hierarchical structure for efficient separation of emulsified mixtures consisting of oil and water. <i>Applied Surface Science</i> , <b>2019</b> , 483, 1149-1157	6.7	7
50	Supramolecular assembly of leaf-like fluorescent tetraphenylethylene through polymer-directed inter-locking. <i>Composites Communications</i> , <b>2019</b> , 11, 45-51	6.7	2
49	Three-dimensional titanium dioxide/graphene hybrids with improved performance for photocatalysis and energy storage. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 512, 647-656	9.3	26
48	Bio-based oil gelling agent for effective removal of oil spills from the surface of water. <i>Materials Chemistry Frontiers</i> , <b>2018</b> , 2, 1784-1790	7.8	4
47	Stretchable and compressible strain sensor based on carbon nanotube foam/polymer nanocomposites with three-dimensional networks. <i>Composites Science and Technology</i> , <b>2018</b> , 163, 162-170	8.6	49
46	Modification of basalt fibre using pyrolytic carbon coating for sensing applications. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2017</b> , 101, 123-128	8.4	17

45	Preparation of carbon nanotubes/graphene hybrid aerogel and its application for the adsorption of organic compounds. <i>Carbon</i> , <b>2017</b> , 118, 765-771	10.4	115
44	Acid and temperature dual-responsive cotton fabrics with polymer coating. <i>Composites Communications</i> , <b>2017</b> , 4, 10-15	6.7	15
43	Surface roughness induced superhydrophobicity of graphene foam for oil-water separation. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 508, 254-262	9.3	54
42	Carbon Nanotubes for Defect Monitoring in Fiber-Reinforced Polymer Composites <b>2017</b> , 71-99		4
41	Development of multi-functional cotton fabrics with Ag/AgBr/TiO <sub>2</sub> nanocomposite coating. <i>Composites Science and Technology</i> , <b>2016</b> , 122, 104-112	8.6	49
40	Graphene foam with hierarchical structures for the removal of organic pollutants from water. <i>RSC Advances</i> , <b>2016</b> , 6, 4889-4898	3.7	37
39	CVD-Grown CNTs on Basalt Fiber Surfaces for Multifunctional Composite Interphases. <i>Fibers</i> , <b>2016</b> , 4, 28	3.7	8
38	Biomimetic Superoleophobicity of Cotton Fabrics for Efficient Oil/Water Separation. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1600128	4.6	44
37	Formation and Functionality of Interphase in Polymer Nanocomposites <b>2016</b> , 103-138		
36	Comparative study on monitoring structural damage in fiber-reinforced polymers using glass fibers with carbon nanotubes and graphene coating. <i>Composites Science and Technology</i> , <b>2016</b> , 129, 38-45	8.6	61
35	Ternary silicone sponge with enhanced mechanical properties for oil/water separation. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 5869-5875	4.9	46
34	Low cost carbon fiber aerogel derived from bamboo for the adsorption of oils and organic solvents with excellent performances. <i>RSC Advances</i> , <b>2015</b> , 5, 38470-38478	3.7	72
33	Preparation of fiber-based plasmonic photocatalyst and its photocatalytic performance under the visible light. <i>Applied Catalysis B: Environmental</i> , <b>2015</b> , 166-167, 287-294	21.8	29
32	Perspectives of carbon nanotubes/polymer nanocomposites for wind blade materials. <i>Renewable and Sustainable Energy Reviews</i> , <b>2014</b> , 30, 651-660	16.2	66
31	Development of carbon nanotubes/CoFe <sub>2</sub> O <sub>4</sub> magnetic hybrid material for removal of tetrabromobisphenol A and Pb(II). <i>Journal of Hazardous Materials</i> , <b>2014</b> , 265, 104-114	12.8	170
30	Controlled synthesis of hierarchical TiO <sub>2</sub> nanoparticles on glass fibres and their photocatalytic performance. <i>Dalton Transactions</i> , <b>2014</b> , 43, 12743-53	4.3	17
29	Magnetic graphene foam for efficient adsorption of oil and organic solvents. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 430, 337-44	9.3	112
28	Glass Fibers with Multi-Functional Capabilities for Engineering and Environmental Applications. <i>Advanced Materials Research</i> , <b>2014</b> , 1024, 155-158	0.5	

27	Structure control of ultra-large graphene oxide sheets by the Langmuir-Blodgett method. <i>RSC Advances</i> , <b>2013</b> , 3, 4680	3.7	31
26	Development of functional glass fibres with nanocomposite coating: A comparative study. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2013</b> , 44, 16-22	8.4	35
25	Effect of doubly organo-modified vermiculite on the properties of vermiculite/polystyrene nanocomposites. <i>Applied Clay Science</i> , <b>2013</b> , 75-76, 74-81	5.2	21
24	Strain-sensitive Raman spectroscopy and electrical resistance of carbon nanotube-coated glass fibre sensors. <i>Composites Science and Technology</i> , <b>2012</b> , 72, 1548-1555	8.6	25
23	Behavior of load transfer in functionalized carbon nanotube/epoxy nanocomposites. <i>Polymer</i> , <b>2012</b> , 53, 6081-6088	3.9	53
22	Carbon nanotube (CNT)-based composites as electrode material for rechargeable Li-ion batteries: A review. <i>Composites Science and Technology</i> , <b>2012</b> , 72, 121-144	8.6	361
21	Manufacturing and characterization of carbon fibre/epoxy composite prepregs containing carbon nanotubes. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2011</b> , 42, 1412-1420	8.4	80
20	LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> with a novel one-dimensional porous structure: A high-power cathode material for rechargeable Li-ion batteries. <i>Scripta Materialia</i> , <b>2011</b> , 64, 122-125	5.6	27
19	Correlation between electrokinetic potential, dispersibility, surface chemistry and energy of carbon nanotubes. <i>Composites Science and Technology</i> , <b>2011</b> , 71, 1644-1651	8.6	41
18	Microscopically porous, interconnected single crystal LiNi <sub>1/3</sub> Co <sub>1/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> cathode material for Lithium ion batteries. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 10777		158
17	Hydrothermal synthesis of layered sodium manganese oxide nanowires and their electrochemical performance. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 7378-81	1.3	4
16	Dispersion and functionalization of carbon nanotubes for polymer-based nanocomposites: A review. <i>Composites Part A: Applied Science and Manufacturing</i> , <b>2010</b> , 41, 1345-1367	8.4	2320
15	Sol-gel synthesis of multiwalled carbon nanotube-LiMn <sub>2</sub> O <sub>4</sub> nanocomposites as cathode materials for Li-ion batteries. <i>Journal of Power Sources</i> , <b>2010</b> , 195, 4290-4296	8.9	98
14	Dispersion, interfacial interaction and re-agglomeration of functionalized carbon nanotubes in epoxy composites. <i>Carbon</i> , <b>2010</b> , 48, 1824-1834	10.4	430
13	Cleaning and Functionalization of Polymer Surfaces and Nanoscale Carbon Fillers by UV/Ozone Treatment: A Review. <i>Journal of Composite Materials</i> , <b>2009</b> , 43, 1537-1564	2.7	64
12	Enhanced electrical conductivity of nanocomposites containing hybrid fillers of carbon nanotubes and carbon black. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2009</b> , 1, 1090-6	9.5	298
11	In-situ amino functionalization of carbon nanotubes using ball milling. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 749-53	1.3	53
10	Conversion of semiconducting behavior of carbon nanotubes using ball milling. <i>Chemical Physics Letters</i> , <b>2008</b> , 458, 166-169	2.5	42

9	Effect of CNT decoration with silver nanoparticles on electrical conductivity of CNT-polymer composites. <i>Carbon</i> , <b>2008</b> , 46, 1497-1505	10.4	355
8	Correlations between Percolation Threshold, Dispersion State, and Aspect Ratio of Carbon Nanotubes. <i>Advanced Functional Materials</i> , <b>2007</b> , 17, 3207-3215	15.6	791
7	Effects of silane functionalization on the properties of carbon nanotube/epoxy nanocomposites. <i>Composites Science and Technology</i> , <b>2007</b> , 67, 2965-2972	8.6	481
6	Coating Carbon Nanotubes with Silver Nanoparticles to Get Conductive Nanocomposites <b>2006</b> ,		3
5	Functionalization of carbon nanotubes using a silane coupling agent. <i>Carbon</i> , <b>2006</b> , 44, 3232-3238	10.4	456
4	Carbon Nanotubes for Polymer Reinforcement		27
3	Aggregation-induced demulsification triggered by the hydrophilic fabric for the separation of highly emulsified oil droplets from water. <i>Aggregate</i> , e131	22.9	
2	Removal of phosphorus from aqueous solution using multi-wall carbon nanotube (MWCNT) as adsorbent: Kinetics and isotherms. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 1-7	1.8	0
1	Production of Fibres from Lunar Soil: Feasibility, Applicability and Future Perspectives. <i>Advanced Fiber Materials</i> ,	10.9	0