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List of Publications by Year
in descending order

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35 papers	532 citations	759233 12 h-index	677142 22 g-index
36 all docs	36 docs citations	36 times ranked	624 citing authors

#	Article	IF	Citations
1	Carbonized rice husk coated solar absorber for clean water generation from seawater with a solar still. Environmental Technology (United Kingdom), 2023, 44, 326-333.	2.2	4
2	Feasibility study: Resin-based functionally graded material incorporated with carbonized waste rice husk. IOP Conference Series: Materials Science and Engineering, 2022, 1217, 012009.	0.6	1
3	Desalination of seawater using carbon-coated solar absorber in solar still. IOP Conference Series: Materials Science and Engineering, 2022, 1217, 012001.	0.6	1
4	Thermal stability, mechanical properties, and tribological performance of TiAlXN coatings: understanding the effects of alloying additions. Journal of Materials Research and Technology, 2022, 17, 961-1012.	5.8	30
5	Carbonized sawdust/barium titanate composite solar absorber for solar driven seawater desalination. Ceramics International, 2022, 48, 9939-9945.	4.8	3
6	Microwave plasma-induced growth of vertical graphene from fullerene soot. Carbon, 2021, 172, 26-30.	10.3	18
7	A Short Review on the Phase Structures, Oxidation Kinetics, and Mechanical Properties of Complex Ti-Al Alloys. Materials, 2021, 14, 1677.	2.9	18
8	Facile mild hydrothermal treatment for surface functionalization of carbonized sawdust. Materials Chemistry and Physics, 2021, 263, 124371.	4.0	7
9	Surface modification of carbonised waste rice husks by mild hydrothermal treatment. International Journal of Surface Science and Engineering, 2021, 15, 36.	0.4	6
10	Structure Transition Mechanism in Undercooled CuNi Alloys. Journal Wuhan University of Technology, Materials Science Edition, 2021, 36, 880-883.	1.0	0
11	Microstructure Transition and Grain Refinement Mechanism of Undercooled Alloys. Journal Wuhan University of Technology, Materials Science Edition, 2021, 36, 922-926.	1.0	3
12	Composite Materials: Applications in Engineering, Biomedicine and Food Science. , 2020, , .		5
13	Carbon Materials From Various Sources for Composite Materials. , 2020, , 3-33.		2
14	Facile synthesis of graphene sheets intercalated by carbon spheres for high-performance supercapacitor electrodes. Carbon, 2020, 167, 11-18.	10.3	18
15	Graphite Whiskers Derived from Waste Coffee Grounds Treated at High Temperature. Global Challenges, 2019, 3, 1800107.	3.6	6
16	Electromagnetic Wave Absorption Performance of Carbonized Rice Husk Obtained at Various Temperatures. Global Challenges, 2019, 3, 1900045.	3.6	2
17	Characterization of carbonized waste materials: Rice husk and saw dust. IOP Conference Series: Materials Science and Engineering, 2019, 606, 012002.	0.6	9
18	Nitrogen-doped porous carbon monoliths from molecular-level dispersion of carbon nanotubes into polyacrylonitrile (PAN) and the effect of carbonization process for supercapacitors. Carbon, 2019, 143, 776-785.	10.3	46

#	Article	IF	Citations
19	Nanotechnology: Applications in Energy, Drug and Food. , 2019, , .		8
20	Carbon Nanomaterials for Energy Storage Devices. , 2019, , 1-29.		2
21	Nanomaterials: Electromagnetic Wave Energy Loss. , 2019, , 73-97.		3
22	Anaerobic Digestion of Food Waste. Green Energy and Technology, 2018, , 105-122.	0.6	7
23	Electromagnetic wave absorption properties of rice husks carbonized at 2500 Â°C. AIP Conference Proceedings, 2017, , .	0.4	4
24	Structural evolution of hydrothermal carbon spheres induced by high temperatures and their electrical properties under compression. Carbon, 2017, 121, 426-433.	10.3	25
25	Performance of barium titanate@carbon nanotube nanocomposite as an electromagnetic wave absorber. Physica Status Solidi (A) Applications and Materials Science, 2017, 214, 1600541.	1.8	20
26	Carbon materials derived from rice husks at low and high temperatures. IOP Conference Series: Materials Science and Engineering, 2017, 217, 012017.	0.6	10
27	Fabrication and Characterization of Carbonized Rice Husk/Barium Titanate Nanocomposites. IOP Conference Series: Materials Science and Engineering, 2017, 229, 012024.	0.6	6
28	Bending actuation and charge distribution behavior of polyurethane/carbon nanotube electroactive nanocomposites. Polymer Composites, 2016, 37, 262-269.	4.6	13
29	Double-layer electromagnetic wave absorber based on barium titanate/carbon nanotube nanocomposites. Ceramics International, 2015, 41, 9885-9892.	4.8	43
30	Ag/CNT nanocomposites and their single- and double-layer electromagnetic wave absorption properties. Synthetic Metals, 2015, 209, 383-388.	3.9	36
31	Microwave-absorbing properties of silver nanoparticle/carbon nanotube hybrid nanocomposites. Journal of Materials Science, 2014, 49, 5199-5207.	3.7	109
32	Behavior of polymer-based electroactive actuator incorporated with mild hydrothermally treated CNTs. Applied Physics A: Materials Science and Processing, 2014, 117, 2043-2050.	2.3	6
33	Electromagnetic wave absorption properties of barium titanate/carbon nanotube hybrid nanocomposites. Journal of Alloys and Compounds, 2014, 615, 84-90.	5.5	46
34	Fabrication and characterization of polymer-based electroactive nanocomposite actuator. Microelectronic Engineering, 2014, 126, 9-12.	2.4	9
35	Vibrational Frequencies and Raman Radial Breathing Modes of Multi-Walled Carbon Nanotubes Based on Continuum Mechanics. Journal of Materials Science Research, 2013, 2, .	0.1	6