Hammad Younes

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/750752/publications.pdf

Version: 2024-02-01

		489802	445137
49	1,170	18	33
papers	citations	h-index	g-index

49	49	49	1155
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced electrical conductivity of anticorrosive coatings by functionalized carbon nanotubes: effect of hydrogen bonding. Nanotechnology, 2022, 33, 155704.	1.3	6
2	Nanofluids: Key parameters to enhance thermal conductivity and its applications. Applied Thermal Engineering, 2022, 207, 118202.	3.0	94
3	Magnetic-field-assisted DLP stereolithography for controlled production of highly aligned 3D printed polymer-Fe3O4@graphene nanocomposites. Materials Research Bulletin, 2022, 154, 111938.	2.7	16
4	A Novel Approach to Fabricate Carbon Nanomaterialsâ€“Nanoparticle Solids through Aqueous Solutions and Their Applications. Nanomanufacturing and Metrology, 2021, 4, 226-236.	1.5	12
5	Gradient 3D-printed honeycomb structure polymer coated with a composite consisting of Fe3O4 multi-granular nanoclusters and multi-walled carbon nanotubes for electromagnetic wave absorption. Synthetic Metals, 2021, 275, 116731.	2.1	28
6	Manufacturable Novel Nanogrease with Superb Physical Properties. Nanomanufacturing and Metrology, 2021, 4, 289-297.	1.5	5
7	Tribological Behavior of Novel CNTs-Based Lubricant Grease in Steady-State and Fretting Sliding Conditions. Lubricants, 2021, 9, 107.	1.2	12
8	Asymmetric configuration of pseudocapacitive composite and rGO electrodes for enhanced capacitive deionization. Environmental Science: Water Research and Technology, 2020, 6, 392-403.	1.2	25
9	Hydrogen bonding enhanced thermally conductive carbon nano grease. Synthetic Metals, 2020, 259, 116213.	2.1	24
10	Highly electrically conductive carbon nanostructured mats fabricated out of aligned CNTs-based flakes. Diamond and Related Materials, 2020, 106, 107849.	1.8	3
11	Carbon nanotubes grease with high electrical conductivity. Synthetic Metals, 2020, 268, 116496.	2.1	22
12	Assessing the Stability of Inkjet-Printed Carbon Nanotube for Brine Sensing Applications. Journal of Nanoscience and Nanotechnology, 2020, 20, 7644-7652.	0.9	4
13	Investigation of Magnetic Properties of Î³-Fe2O3 NP-Decorated Carbon Nanostructured Mats. Jom, 2019, 71, 3142-3150.	0.9	3
14	Improving mechanical properties of PVA based nano composite using aligned single-wall carbon nanotubes. Materials Research Express, 2019, 6, 1050a6.	0.8	17
15	Polymer nanocomposites with improved mechanical and thermal properties by magnetically aligned carbon nanotubes. Polymer, 2019, 166, 81-87.	1.8	56
16	Strategies for tuning hierarchical porosity of 3D rGO to optimize ion electrosorption. 2D Materials, 2019, 6, 045010.	2.0	17
17	Thin carbon nanostructure mat with high electromagnetic interference shielding performance. Synthetic Metals, 2019, 253, 48-56.	2.1	15
18	Nanostructuring of pseudocapacitive MnFe2O4/Porous rGO electrodes in capacitive deionization. Electrochimica Acta, 2019, 306, 1-8.	2.6	65

#	Article	IF	Citations
19	A Rheological Investigation of Carbon Nanotube Grease. Journal of Nanoscience and Nanotechnology, 2019, 19, 4046-4051.	0.9	6
20	Nanofluids as Media for High Capacity Anodes of Lithium-Ion Batteryâ€"A Review. Journal of Nanofluids, 2019, 8, 657-670.	1.4	6
21	Hybrid graphene metasurface for near-infrared absorbers. Optics Express, 2019, 27, 24866.	1.7	11
22	Functionalized three-dimensional graphene sponges for highly efficient crude and diesel oil adsorption. Environmental Science and Pollution Research, 2018, 25, 23091-23105.	2.7	29
23	TC Study of Manufacturable Nano Grease: Evidence of 3D Network Structure. Nanomanufacturing and Metrology, 2018, 1, 148-155.	1.5	7
24	Fabrication of Freestanding Sheets of Multiwalled Carbon Nanotubes (Buckypapers) for Vanadium Redox Flow Batteries and Effects of Fabrication Variables on Electrochemical Performance. Electrochimica Acta, 2017, 230, 222-235.	2.6	53
25	Impact of short duration, high-flow H2 annealing on graphene synthesis and surface morphology with high spatial resolution assessment of coverage. Carbon, 2017, 125, 318-326.	5.4	12
26	Plasmonic nanofluids enhanced solar thermal transfer liquid. AIP Conference Proceedings, 2017, , .	0.3	5
27	Fabrication and design of CNTs inkjet-printed based micro FET sensor for sodium chloride scale detection in oil field. Sensors and Actuators A: Physical, 2017, 263, 349-356.	2.0	4
28	Effect of Saline Solution on the Electrical Response of Single Wall Carbon Nanotubes-Epoxy Nanocomposites. Journal of Nanomaterials, 2017, 2017, 1-8.	1.5	3
29	Carbon Nanotube Inkjet Printing Based Resettable Sensor for Online Scale Monitoring. Journal of Nanoscience and Nanotechnology, 2017, 17, 405-412.	0.9	2
30	Three-Dimensional Graphene Interconnected Structure, Fabrication Methods and Applications: Review. Journal of Nanomedicine & Nanotechnology, 2017, 08, .	1.1	1
31	Processing and property investigation of high-density carbon nanostructured papers with superior conductive and mechanical properties. Diamond and Related Materials, 2016, 68, 109-117.	1.8	24
32	Three dimensional (3D) percolation network structure: Key to form stable carbon nano grease. Journal of Applied Research and Technology, 2016, 14, 375-382.	0.6	18
33	Broadband light absorption by silver nanoparticle decorated silica nanospheres. RSC Advances, 2016, 6, 107951-107959.	1.7	10
34	Synthesis and optical characterization of carbon nanotube arrays. Materials Research Bulletin, 2016, 77, 243-252.	2.7	19
35	Carbon nanomaterials based TSVs for dual sensing and vertical interconnect application. , 2015, , .		6
36	Effects of solvent hydrogen bonding, viscosity, and polarity on the dispersion and alignment of nanofluids containing Fe2O3 nanoparticles. Journal of Applied Physics, 2015, 118, .	1.1	36

#	Article	IF	Citations
37	Electrical conductivity of 3D periodic architectured interpenetrating phase composites with carbon nanostructured-epoxy reinforcements. Composites Science and Technology, 2015, 118, 127-134.	3.8	44
38	Finite element predictions of effective multifunctional properties of interpenetrating phase composites with novel triply periodic solid shell architectured reinforcements. International Journal of Mechanical Sciences, 2015, 92, 80-89.	3.6	70
39	Thermal Conductivity of Nanofluids: Review. Journal of Nanofluids, 2015, 4, 107-132.	1.4	59
40	Optimizing the Dispersion Conditions of SWCNTs in Aqueous Solution of Surfactants and Organic Solvents. Journal of Nanomaterials, 2014, 2014, 1-11.	1.5	15
41	Tribological properties of carbon nanotube grease. Industrial Lubrication and Tribology, 2014, 66, 579-583.	0.6	45
42	Single-Walled Carbon Nanotubes Coated by Fe₂O₃Nanoparticles with Enhanced Magnetic Properties. ECS Journal of Solid State Science and Technology, 2014, 3, M39-M44.	0.9	19
43	Alignment of Carbon Nanofibers in Water and Epoxy by External Magnetic Field. Journal of Nanofluids, 2014, 3, 33-37.	1.4	20
44	Alignment of Carbon Nanotubes Comprising Magnetically Sensitive Metal Oxides by Nonionic Chemical Surfactants. Journal of Nanofluids, 2013, 2, 25-28.	1.4	23
45	Alignment of Different Functionalized Single Wall Carbon Nanotubes Using Fe₂O₃ Nanoparticles Under External Magnetic Field. Journal of Nanofluids, 2013, 2, 4-10.	1.4	17
46	Effects of alignment, pH, surfactant, and solvent on heat transfer nanofluids containing Fe2O3 and CuO nanoparticles. Journal of Applied Physics, 2012, 111, .	1.1	89
47	Natural Jordanian zeolite: removal of heavy metal ions from water samples using column and batch methods. Environmental Monitoring and Assessment, 2009, 157, 319-330.	1.3	90
48	Carbon Nanostructureâ€Based Scale Sensors Using Inkjet Printing and Casting Techniques. , 0, , .		0
49	Nanofluids Based on Carbon Nanostructures. , 0, , .		3