

Tajamal Hussain

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

917
citations

567281

15
h-index

454955

30
g-index

42
all docs

42
docs citations

42
times ranked

1270
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Stable APTES Incorporated CNTs Based Ternary Polymer Composites with Improved Dielectric and Thermal Properties. <i>Silicon</i> , 2022, 14, 10807-10816.	3.3	5
2	Determination of sitagliptin in human plasma using a smart electrochemical sensor based on electroactive molecularly imprinted nanoparticles. <i>Nanoscale Advances</i> , 2021, 3, 4276-4285.	4.6	14
3	Microbial fuel cells preferred technology to prevail energy crisis. <i>International Journal of Energy Research</i> , 2021, 45, 8370-8388.	4.5	26
4	Effect of Varying Amount of Polyethylene Glycol (PEG-600) and 3-Aminopropyltriethoxysilane on the Properties of Chitosan based Reverse Osmosis Membranes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2290.	4.1	10
5	Fabrication and dialysis performance of functionalized multiwall carbon nanotubes integrated cellulose acetate/poly(vinylpyrrolidone) membranes. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 872-880.	7.5	9
6	Nanocatalytic Assemblies for Catalytic Reduction of Nitrophenols: A Critical Review. <i>Critical Reviews in Analytical Chemistry</i> , 2020, 50, 322-338.	3.5	118
7	Synthesis and investigation of desalinating, antibacterial, and mechanical properties of tetraethylorthosilicate crosslinked chitosan/polyethylene glycol (PEG-600) membranes for reverse osmosis. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48870.	2.6	2
8	Degradation of acetamiprid using graphene-oxide-based metal (Mn and Ni) ferrites as Fenton-like photocatalysts. <i>Water Science and Technology</i> , 2020, 81, 178-189.	2.5	39
9	Synthesis and characterization of a novel chitosan-grafted-polyorthoethylaniline biocomposite and utilization for dye removal from water. <i>Open Chemistry</i> , 2020, 18, 843-849.	1.9	2
10	Possible applications of coal fly ash in wastewater treatment. <i>Journal of Environmental Management</i> , 2019, 240, 27-46.	7.8	184
11	Molecularly Imprinted Polymer-Silica Hybrid Particles for Biomimetic Recognition of Target Drugs. <i>Advances in Polymer Technology</i> , 2019, 2019, 1-7.	1.7	9
12	Nickel Sulfide Nanoparticles Incorporated Poly(methyl methacrylate)-Zirconia Membranes for Ultra Deep Desulfurization of Dibenzothiophene. <i>MRS Advances</i> , 2019, 4, 369-375.	0.9	4
13	Polystyrene adsorbed multi-walled carbon nanotubes incorporated polymethylmethacrylate composites with modified percolation phenomena. <i>MRS Advances</i> , 2018, 3, 25-30.	0.9	4
14	Polyaniline/silver decorated MWCNT composites with enhanced electrical and thermal properties. <i>Polymer Composites</i> , 2018, 39, E1346.	4.6	21
15	Tailoring electrical and thermal properties of polymethyl methacrylate-carbon nanotubes composites through polyaniline and dodecyl benzene sulphonic acid impregnation. <i>Polymer Composites</i> , 2018, 39, E1052.	4.6	6
16	A miniaturized electronic sensor for instant monitoring of ethanol in gasohol fuel blends. <i>RSC Advances</i> , 2018, 8, 22952-22962.	3.6	9
17	Synthesis of antibacterial poly(o-chloroaniline)/chromium hybrid composites with enhanced electrical conductivity. <i>Chemistry Central Journal</i> , 2018, 12, 46.	2.6	7
18	Synthesis and antibacterial potential of hybrid nanocomposites based on polyortho-chloroaniline/copper nanofiller. <i>Polymer Composites</i> , 2018, 39, 4524-4531.	4.6	12

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19	Surfactant Incorporated Co Nanoparticles Polymer Composites with Uniform Dispersion and Double Percolation. <i>Journal of Chemistry</i> , 2017, 2017, 1-6.	1.9	10
20	Effect of the carbon nanotube size dispersity on the electrical properties and pressure sensing of the polymer composites. <i>Journal of Materials Science</i> , 2016, 51, 11014-11020.	3.7	20
21	Surface Reforming of Diamond Particles by the Dispersion Enhancement in Common Liquids. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 97-103.	1.1	0
22	Developing Molecular Imprinted Layers As Electro-Analytical Probes for Dydrogesterone Determination. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
23	Growth of Transition Metal Nanoclusters to Get Enhanced Catalytic Abilities. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
24	Developing imprinted polymer nanoparticles for the selective separation of antidiabetic drugs. <i>Journal of Separation Science</i> , 2015, 38, 3469-3476.	2.5	9
25	Fabrication of Ag and Ni Nanocatalyst with Enhanced Efficiency. <i>Journal of Chemistry</i> , 2015, 2015, 1-4.	1.9	1
26	Phragmites karkaas a Biosorbent for the Removal of Mercury Metal Ions from Aqueous Solution: Effect of Modification. <i>Journal of Chemistry</i> , 2015, 2015, 1-12.	1.9	25
27	Tailoring Imprinted Titania Nanoparticles for Purines Recognition. <i>Journal of Materials</i> , 2015, 2015, 1-5.	0.1	35
28	Molecularly imprinted titania nanoparticles for selective recognition and assay of uric acid. <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 527-534.	3.1	13
29	Formation of self-ordered porous anodized alumina template for growing tungsten trioxide nanowires. <i>International Nano Letters</i> , 2015, 5, 37-41.	5.0	6
30	Synthesis of Imprinted Polysiloxanes for Immobilization of Metal ions. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1675, 209-214.	0.1	0
31	Influence of carbon nanotube dimensions on the percolation characteristics of carbon nanotube/polymer composites. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	32
32	Synthesis of SBA-16 Supported Catalyst for CNTs and Dispersion Study of CNTs in Polypyrrole Composite. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1752, 95-100.	0.1	0
33	Effect of crosslinker feed content on catalytic activity of silver nanoparticles fabricated in multiresponsive microgels. <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 1674-1680.	2.7	56
34	All-organic PANI-DBSA/PVDF dielectric composites with unique electrical properties. <i>Journal of Materials Science</i> , 2013, 48, 3737-3744.	3.7	49
35	High-pressure EPR spectroscopy: paramagnetic exchange of organic radicals with iron (III) acetylacetonate. <i>Molecular Physics</i> , 2013, 111, 2717-2722.	1.7	2
36	Molecularly Imprinted Nanomaterials for Sensor Applications. <i>Nanomaterials</i> , 2013, 3, 615-637.	4.1	53

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37	Structurally modified poly(vinyl alcohol) ionic composites as efficient humidity indicators. Polymer Composites, 2012, 33, 1018-1024.	4.6	4
38	On Refining the Relationship between Aspect Ratio and Percolation Threshold of Practical Carbon Nanotubes/Polymer Nanocomposites. Japanese Journal of Applied Physics, 2011, 50, 080214.	1.5	20
39	Complementary percolation characteristics of carbon fillers based electrically percolative thermoplastic elastomer composites. Composites Science and Technology, 2011, 72, 28-35.	7.8	83
40	On Refining the Relationship between Aspect Ratio and Percolation Threshold of Practical Carbon Nanotubes/Polymer Nanocomposites. Japanese Journal of Applied Physics, 2011, 50, 080214.	1.5	16
41	A review on biomass selection criteria and its preliminary test for pyrolysis technique. International Journal of Environmental Analytical Chemistry, 0, , 1-12.	3.3	2
42	Applications of Carbon Based Materials in Developing Advanced Energy Storage Devices. , 0, , .		0