

Mohd Shoeb Khan

List of Publications by Year in descending order

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27
papers

760
citations

623734

14
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

934
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogenic synthesis of iron oxide nanoparticles using <i>Agrewia optiva</i> and <i>Prunus persica</i> phyto species: Characterization, antibacterial and antioxidant activity. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 185, 262-274.	3.8	103
2	Recent advances in graphene oxide and reduced graphene oxide based nanocomposites for the photodegradation of dyes. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15940-15955.	5.5	98
3	Nano-hydroxyapatite/chitosan-starch nanocomposite as a novel bone construct: Synthesis and in vitro studies. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 282-292.	7.5	91
4	Nano-hydroxyapatite/ β -CD/chitosan nanocomposite for potential applications in bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 276-289.	7.5	51
5	Interaction mode of polycarbazole-titanium dioxide nanocomposite with DNA: Molecular docking simulation and in-vitro antimicrobial study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 153, 20-32.	3.8	45
6	Electrical Conductivity, Isothermal Stability, and Ammonia-Sensing Performance of Newly Synthesized and Characterized Organic-Inorganic Polycarbazole-Titanium Dioxide Nanocomposite. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 8035-8044.	3.7	42
7	Synthesis and characterization of a nano-hydroxyapatite/chitosan/polyethylene glycol nanocomposite for bone tissue engineering. <i>Polymers for Advanced Technologies</i> , 2015, 26, 41-48.	3.2	38
8	In vitro DNA binding, molecular docking and antimicrobial studies on a newly synthesized poly(o-toluidine)-titanium dioxide nanocomposite. <i>RSC Advances</i> , 2014, 4, 39174.	3.6	36
9	A polypyrrole-methyl anthranilate functionalized worm-like titanium dioxide nanocomposite as an innovative tool for immobilization of lipase: preparation, activity, stability and molecular docking investigations. <i>New Journal of Chemistry</i> , 2018, 42, 91-102.	2.8	34
10	Curcumin derived Schiff base ligand and their transition metal complexes: Synthesis, spectral characterization, catalytic potential and biological activity. <i>Journal of Molecular Structure</i> , 2018, 1167, 261-273.	3.6	33
11	Synthesis, characterization, morphology, and adsorption studies of ternary nanocomposite comprising graphene oxide, chitosan, and polypyrrole. <i>Polymer Composites</i> , 2020, 41, 3758-3767.	4.6	27
12	Study on immobilization of yeast alcohol dehydrogenase on nanocrystalline Ni-Co ferrites as magnetic support. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 1196-1204.	7.5	22
13	DFT, Hirshfeld surfaces, spectral and in-vivo cytotoxic studies of 7a-Aza-B-homostigmast-5-eno [7a,7-d] tetrazole. <i>Journal of Molecular Structure</i> , 2015, 1099, 588-600.	3.6	20
14	Morphological, structural, molecular docking and biocidal studies of newly synthesized Ppy@MA/TiO ₂ nanocomposites. <i>Polymers for Advanced Technologies</i> , 2015, 26, 1627-1638.	3.2	14
15	Development of Nanostructured Poly (o-toluidine) Reinforced Organic-Inorganic Hybrid Composites. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 662-670.	3.7	13
16	Comparative study of biogenically synthesized silver and gold nanoparticles of <i>Acacia auriculiformis</i> leaves and their efficacy against Alzheimer's and Parkinson's disease. <i>International Journal of Biological Macromolecules</i> , 2022, 203, 292-301.	7.5	13
17	Spectral, morphological, and antibacterial studies of conducting copolymers, Ppy@MA, and their nanocomposites, Ag@Ppy@MA. <i>Polymers for Advanced Technologies</i> , 2017, 28, 10-19.	3.2	12
18	Copper Oxide Nanomaterials Derived from <i>Zanthoxylum armatum</i> DC. and <i>Berberis lycium</i> Royle Plant Species: Characterization, Assessment of Free Radical Scavenging and Antibacterial Activity. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900145.	2.1	11

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19	Biomediated synthesis, characterization, and biological applications of nickel oxide nanoparticles derived from <i>Toona ciliata</i> , <i>Ficus carica</i> and <i>Pinus roxburghii</i> . <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 1461-1476.	3.4	10
20	Spectral, molecular, in vivo cytotoxicity and immobilization of β -galactosidase on poly(o-toluidine)-titanium dioxide nanocomposite. <i>Journal of Molecular Structure</i> , 2017, 1137, 216-232.	3.6	9
21	Facile Synthesis, Characterization and Photocatalytic Activity of Band Gap Engineered Cobalt Selenide Nanoparticles. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 2377-2384.	1.1	8
22	Development of polyaniline-polydimethylsiloxane adduct nanoparticle dispersed butylated melamine formaldehyde cured soy alkyd. <i>Journal of Applied Polymer Science</i> , 2012, 124, 365-372.	2.6	7
23	In vivo cytotoxicity, molecular docking and study of yeast alcohol dehydrogenase on polycarbazole-titanium dioxide nanocomposite. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 134, 79-88.	1.8	7
24	(E)-Substituted-N-((1,3-diphenyl-1H-pyrazol-4-yl)methylene)benzeneamine: synthesis, characterization, antibacterial, and MTT assessment. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	5
25	Polycarbazole-multiwalled carbon nanotubes based nanocomposite: Synthesis, spectral, biocidal and Acetaldehyde sensing studies. <i>Journal of Molecular Structure</i> , 2021, 1229, 129704.	3.6	5
26	Synthesis, characterization, biological, and molecular docking assessment of bioactive Chemical Society, 2021, 18, 1713-1727.	2.2	4
27	Norfloxacin Analogues: Drug Likeness, Synthesis, Biological, and Molecular Docking Assessment. <i>Russian Journal of Bioorganic Chemistry</i> , 2021, 47, 483-495.	1.0	2