

Maqsood Malik

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74
papers

1,804
citations

22
h-index

40
g-index

80
ext. papers

2,227
ext. citations

4.1
avg, IF

5.43
L-index

#	Paper	IF	Citations
74	Microemulsion method: A novel route to synthesize organic and inorganic nanomaterials: 1st Nano Update. <i>Arabian Journal of Chemistry</i> , 2012 , 5, 397-417	5.9	348
73	Ionic liquids in supported liquid membrane technology. <i>Chemical Engineering Journal</i> , 2011 , 171, 242-254	4.7	143
72	Biosynthesis of iron nanoparticles using Trigonella foenum-graecum seed extract for photocatalytic methyl orange dye degradation and antibacterial applications. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018 , 183, 154-163	6.7	123
71	Tetrazoles as carboxylic acid isosteres: chemistry and biology. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014 , 78, 15-37	1.7	74
70	Chitosan as a Novel Edible Coating for Fresh Fruits. <i>Food Science and Technology Research</i> , 2013 , 19, 139-185	1.85	68
69	Synthesis, structure optimization and antifungal screening of novel tetrazole ring bearing acyl-hydrazones. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 10880-98	6.3	62
68	Biofabrication of Fe nanoparticles in aqueous extract of Hibiscus sabdariffa with enhanced photocatalytic activities. <i>RSC Advances</i> , 2017 , 7, 25149-25159	3.7	54
67	Bimetallic Ag-Ni nanoparticles as an effective catalyst for hydrogen generation from hydrolysis of sodium borohydride. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 16452-16466	6.7	46
66	Nanotoxicity: Dimensional and Morphological Concerns. <i>Advances in Physical Chemistry</i> , 2011 , 2011, 1-15		44
65	Facile biofabrication of silver nanoparticles using Salvia officinalis leaf extract and its catalytic activity towards Congo red dye degradation. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 10037-10044	5.5	39
64	Extraction of Metal Ions by ELM Separation Technology. <i>Journal of Dispersion Science and Technology</i> , 2012 , 33, 346-356	1.5	38
63	Preparation of ultra long MnO ₂ and Ag@MnO ₂ nanoparticles by seedless approach and their photocatalytic performance. <i>Journal of Molecular Structure</i> , 2017 , 1137, 495-505	3.4	32
62	Green synthesis of silver nanoparticles from Delonix regia leaf extracts: In-vitro cytotoxicity and interaction studies with bovine serum albumin. <i>Materials Chemistry and Physics</i> , 2020 , 242, 122493	4.4	31
61	Permanganate partitioning in cationic micelles of cetyltrimethylammonium bromide: A kinetic study of d-fructose oxidation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 299, 58-64	5.1	30
60	Effects of Date Palm fibres loading on mechanical, and thermal properties of Date Palm reinforced phenolic composites. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 3614-3621	5.5	30
59	Chitosan and Aloe Vera: Two Gifts of Nature. <i>Journal of Dispersion Science and Technology</i> , 2010 , 31, 799-811	1.1	28
58	Protein interactions with silver nanoparticles: Green synthesis, and biophysical approach. <i>International Journal of Biological Macromolecules</i> , 2017 , 95, 421-428	7.9	24

57	Preparation of silver nanoparticles using tryptophan and its formation mechanism. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 81, 587-92	6	24
56	Submicellar catalytic effect of cetyltrimethylammonium bromide in the oxidation of ethylenediaminetetraacetic acid by MnO ₄ ⁻ . <i>Colloids and Surfaces B: Biointerfaces</i> , 2008 , 64, 42-8	6	24
55	Role of surfactants: One step facile synthesis of hetero structured Ag-Ni alloy by seed less approach. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 540, 36-47	5.1	23
54	A kinetic study of silver nanoparticles formation from paracetamol and silver(I) in aqueous and micellar media. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 78, 109-14	6	23
53	Silver Nanoparticles: Green Route, Stability and Effect of Additives. <i>Journal of Biomaterials and Nanobiotechnology</i> , 2011 , 02, 390-399	1	23
52	Oxidation of tyrosine by permanganate in presence of cetyltrimethylammonium bromide. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 76, 346-53	6	22
51	Biogenic fabrication of ZnO nanoparticles using <i>Trigonella foenum-graecum</i> (Fenugreek) for proficient photocatalytic degradation of methylene blue under UV irradiation. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 16156-16173	2.1	21
50	Effect of rifampicin on the interfacial properties of imidazolium ionic liquids and its solubility therein. <i>Journal of Molecular Liquids</i> , 2019 , 292, 111347	6	21
49	Synthesis, characterization and mixed micellization study of benzene sulphonate based gemini surfactant with sodium dodecyl sulphate. <i>Journal of Molecular Liquids</i> , 2019 , 285, 270-278	6	20
48	Comparative effect of cationic gemini surfactant and its monomeric counterpart on the conformational stability of phospholipase A2. <i>Journal of Molecular Structure</i> , 2019 , 1175, 49-55	3.4	19
47	Kinetics of oxidation of d-glucose by permanganate in aqueous solution of cetyltrimethylammonium bromide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 337, 9-14	5.1	18
46	Role of cetyltrimethylammonium bromide (cationic surfactant) on the tryptophan-MnO ₄ ⁻ reaction. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009 , 72, 253-8	6	17
45	ESTIMATION OF EXCESS MOLAR VOLUMES, THEORETICAL VISCOSITIES, AND ULTRASONIC SPEEDS OF BINARY LIQUID MIXTURES AT DIFFERENT TEMPERATURES. <i>Chemical Engineering Communications</i> , 2013 , 200, 77-92	2.2	16
44	Kinetics of MnO ₄ ⁻ oxidation of succinic acid in aqueous solution of cetyltrimethylammonium bromide. <i>International Journal of Chemical Kinetics</i> , 2010 , 42, 704-712	1.4	16
43	Cobalt@silver bimetallic nanoparticles: Solution based seedless surfactant assisted synthesis, optical properties, and morphology. <i>Journal of Molecular Liquids</i> , 2016 , 222, 272-278	6	16
42	Effect of bovine serum albumin on the surface properties of ionic liquid-type Gemini surfactant. <i>Journal of Dispersion Science and Technology</i> , 2018 , 39, 1462-1468	1.5	15
41	Seedless synthesis and efficient recyclable catalytic activity of Ag@Fe nanocomposites towards methyl orange. <i>Applied Nanoscience (Switzerland)</i> , 2018 , 8, 255-271	3.3	15
40	Iron oxide supported sulfated TiO ₂ nanotube catalysts for NO reduction with propane. <i>Ceramics International</i> , 2014 , 40, 4039-4053	5.1	15

39	A review of molecular interactions in organic binary mixtures. <i>Korean Journal of Chemical Engineering</i> , 2014 , 31, 1505-1517	2.8	13
38	Micellization and Thermodynamic Properties of Cationic Surfactant Cetyltrimethylammonium Bromide in non-Aqueous Mixture of Lauric Acid. <i>International Journal of Electrochemical Science</i> , 2017 , 4528-4542	2.2	13
37	Effect of cationic micelles of cetyltrimethylammonium bromide on the MnO ₄ ⁻ oxidation of valine. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 366, 129-134	5.1	13
36	Green Synthesis of Zinc Oxide Nanoparticles Using Leaf Extract and Their Photocatalytic and Antifungal Activities. <i>Biology</i> , 2021 , 10,	4.9	13
35	Kinetics of silver nanoparticle growth in aqueous polymer solutions: 1st Nano Update. <i>Arabian Journal of Chemistry</i> , 2012 , 5, 453-459	5.9	12
34	Phytomediated Photo-Induced Green Synthesis of Silver Nanoparticles Using L. and Its Catalytic Activity against Rhodamine B. <i>Biomolecules</i> , 2020 , 10,	5.9	11
33	Effect of adiphenine hydrochloride on the structure of bovine serum albumin: Spectroscopic and docking study. <i>Journal of Molecular Structure</i> , 2020 , 1201, 127168	3.4	11
32	Facile Bio-Fabrication of Ag-Cu-Co Trimetallic Nanoparticles and Its Fungicidal Activity against. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	11
31	A kinetic study of the oxidation of l-methionine by water soluble colloidal MnO ₂ . <i>Colloid and Polymer Science</i> , 2007 , 285, 1169-1173	2.4	10
30	Facile One-Pot Biogenic Synthesis of Cu-Co-Ni Trimetallic Nanoparticles for Enhanced Photocatalytic Dye Degradation. <i>Catalysts</i> , 2020 , 10, 1138	4	10
29	Facile one-pot green synthesis of Ag ₂ Se bimetallic nanoparticles and their catalytic capability for 4-nitrophenol reduction. <i>Journal of Materials Research and Technology</i> , 2021 , 12, 455-470	5.5	10
28	Natural dye bolaform sugar-based surfactant: Self aggregation and mixed micellization with ionic surfactants. <i>Dyes and Pigments</i> , 2016 , 131, 168-176	4.6	10
27	Permanganate transfer and reduction by D-glucose in benzene/cetyltrimethylammoniumbromide aqueous solution: A kinetic study. <i>International Journal of Chemical Kinetics</i> , 2008 , 40, 496-503	1.4	9
26	Micellization, anti-proliferative activity and binding study of cationic gemini surfactants with calf thymus DNA. <i>Colloids and Interface Science Communications</i> , 2020 , 34, 100221	5.4	9
25	Synthesis, characterization, electrochemical studies, and in vitro antibacterial activity of novel thiosemicarbazone and its Cu(II), Ni(II), and Co(II) complexes. <i>Scientific World Journal, The</i> , 2014 , 2014, 592375	2.2	8
24	Biocompatible natural sugar-based surfactant assisted oxidation of citric acid by MnO ₄ ⁻ in absence and presence of SDS. <i>RSC Advances</i> , 2016 , 6, 45993-46001	3.7	7
23	Densities, Refractive Indices and Ultrasonic Speeds of N,N-dimethylformamide + Acetone Binary Mixtures at Different Temperatures. <i>Chemical Engineering Communications</i> , 2015 , 202, 885-891	2.2	6
22	Micellar and salt kinetic effects upon the reaction . <i>Journal of Saudi Chemical Society</i> , 2011 , 15, 221-228	4.3	6

21	Micellar Catalysis on the Redox Reaction of Ascorbic Acid-Vanadium(V) System. <i>Journal of Dispersion Science and Technology</i> , 2008 , 29, 1396-1400	1.5	6
20	Effect of Cetyltrimethylammonium Bromide on the Oxidation of Phthalic Acid by in Aqueous Medium. <i>Journal of Dispersion Science and Technology</i> , 2010 , 32, 35-40	1.5	5
19	Micelles-Assisted Oxidation of Isoleucine: A Kinetic Study. <i>Journal of Dispersion Science and Technology</i> , 2011 , 32, 1173-1178	1.5	5
18	Anticorrosion Efficiency of Cetyltrimethylammonium bromide, Sodium Dodecyl Sulfate and Tx-100 on Carbon Steel in Acidic Medium. <i>Science of Advanced Materials</i> , 2011 , 3, 912-918	2.3	5
17	Role of cationic gemini surfactants (m-s-m type) on the oxidation of d-glucose by permanganate. <i>Journal of Molecular Liquids</i> , 2016 , 216, 538-544	6	4
16	Bioactive Macrocyclic Ni(II) Metal Complex: Synthesis, Spectroscopic Elucidation, and Antimicrobial Studies. <i>Polycyclic Aromatic Compounds</i> , 2019 , 1-16	1.3	4
15	Kinetics and Mechanism of Paracetamol Oxidation by Chromium(VI) in Absence and Presence of Manganese(II) and Sodiumdodecyl Sulphate. <i>Research Letters in Physical Chemistry</i> , 2007 , 2007, 1-5		3
14	Bioengineered Extract-Assisted Palladium Nanoparticles for the Congo Red Dye Degradation and Catalytic Reduction of 4-Nitrophenol to 4-Aminophenol. <i>Toxics</i> , 2021 , 9,	4.7	3
13	Phytogenic Fabrication of Ag-Fe Bimetallic Nanoparticles for Cell Cycle Arrest and Apoptosis Signaling Pathways in by Generating Oxidative Stress. <i>Antioxidants</i> , 2021 , 10,	7.1	3
12	Prediction of viscosities and COSMO-RS analyses in binary mixtures of N,N-dimethylformamide with acetone. <i>Physics and Chemistry of Liquids</i> , 2017 , 55, 264-275	1.5	2
11	Thermodynamic insights into molecular interactions of sodium lauryl sulfate (SLS) with caffeine and theophylline in aqueous media at different temperatures. <i>Journal of Molecular Liquids</i> , 2020 , 305, 112776	6	2
10	Excess Molar Volumes, Theoretical Viscosities and Ultrasonic Speeds of Binary Mixtures at 298.15 K and 303.15 K. <i>Asian Journal of Chemistry</i> , 2015 , 27, 1815-1822	0.4	2
9	Microwave assisted synthesis, spectral and antifungal studies of 2-phenyl-N,N-bis(pyridin-4-ylcarbonyl)butanediamide ligand and its metal complexes. <i>Scientific World Journal, The</i> , 2014 , 2014, 404617	2.2	2
8	Effect of Mn(II) and Ce(IV) Ions on the Oxidation of Lactic Acid by Chromic Acid. <i>Acta Physico-chimica Sinica</i> , 2007 , 23, 1013-1017		2
7	Assisted Fabrication of Novel Ag-Cu Bimetallic Nanoparticles for Growth Inhibition and Virulence in. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
6	Biogenic synthesis, in-vitro cytotoxicity, esterase activity and interaction studies of copper oxide nanoparticles with lysozyme. <i>Journal of Materials Research and Technology</i> , 2021 , 13, 2066-2077	5.5	2
5	Twin-free, directly synthesized MFI nanosheets with improved thickness uniformity and their use in membrane fabrication.. <i>Science Advances</i> , 2022 , 8, eabm8162	14.3	2
4	Antimicrobial and antioxidant studies of novel mixed-metal complexes of benzoyl-aminoethanoic acid-nicotinamide: Microwave-assisted green synthesis, spectroscopic characterization and molecular modeling. <i>Tropical Journal of Pharmaceutical Research</i> , 2018 , 17, 865	0.8	1

3	Diperiodatoargentate(III) Oxidation of D-Galactose in Absence and Presence of Anionic and Cationic Surfactants. <i>Journal of Dispersion Science and Technology</i> , 2009 , 31, 50-56	1.5	1
2	Effect of Mn Concentration on the Structural, Ferroelectric, Optical, and Magnetic Properties of BiFeO ₃ Nanoparticles. <i>Crystals</i> , 2022 , 12, 704	2.3	0
1	Trimethylamine N-oxide alters structure-function integrity of β -casein: Structural disorder co-regulates the aggregation propensity and chaperone activity. <i>International Journal of Biological Macromolecules</i> , 2021 , 182, 921-930	7.9	