

Ganga Ram Chaudhary

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7420798/publications.pdf>

Version: 2024-02-01

133
papers

3,165
citations

147566

31
h-index

223531

46
g-index

134
all docs

134
docs citations

134
times ranked

3092
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel synthesis of amorphous CP@HfO ₂ nanomaterials for high-performance electrochemical sensing of 2-naphthol. <i>Journal of Nanostructure in Chemistry</i> , 2023, 13, 423-438.	5.3	3
2	Fluorescent carbon dots from Indian Bael patra as effective sensing tool to detect perilous food colorant. <i>Food Chemistry</i> , 2022, 373, 131492.	4.2	16
3	Comparative scrutinize of BSA and HEWL in the vicinity of metallo-catanionic aggregates derived from single chain metallosurfactant and anionic surfactant. <i>Journal of Molecular Liquids</i> , 2022, 345, 117818.	2.3	2
4	Spherical silver oxide nanoparticles for fabrication of electrochemical sensor for efficient 4-Nitrotoluene detection and assessment of their antimicrobial activity. <i>Science of the Total Environment</i> , 2022, 808, 152179.	3.9	16
5	Green-monodispersed Pd-nanoparticles for improved mitigation of pathogens and environmental pollutant. <i>Materials Today Communications</i> , 2022, 30, 103106.	0.9	6
6	Highly-sensitive and selective non-enzymatic L-cysteine sensor based on 3-mercaptopropyl trimethoxysilane functionalized Gd ₂ O ₃ nanoparticles. <i>Journal of Alloys and Compounds</i> , 2022, 905, 164059.	2.8	9
7	Transformation of solid plastic waste to activated carbon fibres for wastewater treatment. <i>Chemosphere</i> , 2022, 294, 133692.	4.2	51
8	Metalloctanionic vesicle-mediated enhanced singlet oxygen generation and photodynamic therapy of cancer cells. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2160-2170.	2.9	4
9	Design and applications of metallo-vesicular structures using inorganic-organic hybrids. <i>Advances in Colloid and Interface Science</i> , 2022, 302, 102621.	7.0	2
10	Designing of surface engineered Ytterbium oxide nanoparticles as effective electrochemical sensing platform for dopamine. <i>Journal of Molecular Liquids</i> , 2022, 355, 118929.	2.3	4
11	Gemini Surfactant Mediated Catansomes for Enhanced Singlet Oxygen Generation of Rose Bengal and Their Phototoxicity against Cancer Cells. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 1878-1891.	2.6	6
12	Choline acetate modified ZnO nanostructure as efficient electrochemical sensor for hydrazine detection. <i>Electrochimica Acta</i> , 2022, 419, 140384.	2.6	8
13	Advances and Perspective on Antimicrobial Nanomaterials for Biomedical Applications. <i>Frontiers in Nanotechnology</i> , 2022, 4, .	2.4	12
14	Seed germination studies on Chickpeas, Barley, Mung beans and Wheat with natural biomass and plastic waste derived C-dots. <i>Science of the Total Environment</i> , 2022, 837, 155593.	3.9	10
15	Evaluation of corrosion resistant, antimicrobial and cytocompatible behaviour of cobalt based metallosurfactants self-assembled monolayers on 316L stainless steel surface. <i>Surface and Coatings Technology</i> , 2022, 444, 128657.	2.2	9
16	Metallosurfactant based synthetic liposomes as a substitute for phospholipids to safely store curcumin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 217, 112621.	2.5	1
17	A study of the spectral behaviour of Eosin dye in three states of metallosurfactants: Monomeric, micelles and metallosomes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 610, 125697.	2.3	5
18	Assessment of bio-corrosion inhibition ability of Hafnium based cationic metallosurfactant on iron surface. <i>Corrosion Science</i> , 2021, 179, 109101.	3.0	13

#	ARTICLE	IF	CITATIONS
19	Evaluation of bio corrosion-resistant and antifouling properties of gold metallosurfactant monolayer on galvanised steel in simulated sea media inoculated with halophiles. <i>Corrosion Science</i> , 2021, 179, 109102.	3.0	14
20	Tuning the surface using palladium based metallosurfactant for hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 894-905.	5.0	9
21	Upcycling of plastic waste into fluorescent carbon dots: An environmentally viable transformation to biocompatible C-dots with potential prospective in analytical applications. <i>Waste Management</i> , 2021, 120, 675-686.	3.7	66
22	Pr@Gd ₂ O ₃ nanoparticles: An effective fluorescence sensor for herbicide 2,4-dichlorophenoxyacetic acid. <i>Journal of Molecular Liquids</i> , 2021, 324, 114712.	2.3	12
23	Enhanced antimicrobial photodynamic activity of photosensitizer encapsulated copper based metallocationic vesicles against E.coli using visible light. <i>Journal of Molecular Liquids</i> , 2021, 324, 114688.	2.3	10
24	Distinctive Solvatochromic Response of Fluorescent Carbon Dots Derived from Different Components of Aegle Marmelos Plant. <i>Engineered Science</i> , 2021, , .	1.2	20
25	Equilibrium data, kinetics and process design for the adsorptive removal of safranin-o by activated carbons. <i>Materials Today: Proceedings</i> , 2021, 45, 5479-5482.	0.9	3
26	Synthesis of Heterocycle Anchored Spirocyclic Azetidines in a Minute by TSA Catalyzed Cyclocondensation of Azetidines with Difunctionalized Substrates. <i>ChemistrySelect</i> , 2021, 6, 3932-3940.	0.7	8
27	Voltammetric detection of vitamin D employing Au-MoS ₂ hybrid as immunosensing platform. <i>Mikrochimica Acta</i> , 2021, 188, 222.	2.5	13
28	Cleaner way for overall water splitting reaction by using palladium and cobalt based nanocomposites prepared from mixed metallosurfactants. <i>Applied Surface Science</i> , 2021, 556, 149769.	3.1	4
29	Effect of position of OH group in isomeric butanediols on intermolecular interaction with Choline Acetate: A thermodynamic study at different temperatures. <i>Journal of Molecular Liquids</i> , 2021, 336, 116565.	2.3	1
30	Microwave-assisted assembly of Ag ₂ O-ZnO composite nanocones for electrochemical detection of 4-Nitrophenol and assessment of their photocatalytic activity towards degradation of 4-Nitrophenol and Methylene blue dye. <i>Journal of Hazardous Materials</i> , 2021, 416, 125771.	6.5	87
31	Advanced green analytical chemistry for environmental pesticide detection. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2021, 30, 100488.	3.2	27
32	Adsorptive removal of eriochrome black T (EBT) dye by using surface active low cost zinc oxide nanoparticles: A comparative overview. <i>Chemosphere</i> , 2021, 278, 130366.	4.2	40
33	Assessment of structural integrity of lysozyme in the presence of newly formed uni/multivesicular metallosomes. <i>Journal of Molecular Liquids</i> , 2021, 340, 116871.	2.3	2
34	Effect of fabrication strategies on the in-vitro antimicrobial and antifungal activities of Pr ³⁺ doped Gb ₂ O ₃ nanoparticles. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100518.	1.7	0
35	Perspective and prospects of 2D MXenes for smart biosensing. <i>Materials Letters</i> , 2021, 304, 130656.	1.3	65
36	Development of Environmental Nanosensors for Detection Monitoring and Assessment. , 2021, , 91-143.		5

#	ARTICLE	IF	CITATIONS
37	Rapid Analysis of Trace Sulphite Ion Using Fluorescent Carbon Dots Produced from Single Use Plastic Cups. <i>Engineered Science</i> , 2021, , .	1.2	19
38	Stereoselective synthesis and <i>in-silico</i> evaluation of C4-benzimidazolyloxyphenyl substituted <i>trans</i> - β -lactam derivatives as promising novel PPAR β activators. <i>Synthetic Communications</i> , 2021, 51, 3758-3767.	1.1	4
39	Assessing the structural and interaction behaviour of Pr@Gd ₂ O ₃ nanoparticles with biological entities. <i>Materials Chemistry and Physics</i> , 2021, 276, 125416.	2.0	2
40	Investigating the efficiency of β -Bismuth zinc oxide heterostructure composite/UV-LED in methylene blue dye removal and evaluation of its antimicrobial activity.. <i>Environmental Research</i> , 2020, 180, 108857.	3.7	23
41	A study of synthesis, characterization and metalloplex formation ability of cetylpyridinium chloride based metallosomes. <i>Journal of Molecular Liquids</i> , 2020, 300, 112326.	2.3	12
42	Investigating affordable cobalt based metallosurfactant as an efficient electrocatalyst for hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2020, 562, 598-607.	5.0	23
43	Green chemistry-assisted synthesis of biocompatible Ag, Cu, and Fe ₂ O ₃ nanoparticles. <i>Materials Today Chemistry</i> , 2020, 15, 100214.	1.7	19
44	Probing molecular interactions between Choline Acetate Ionic Liquid and Alcohols: A comparable thermophysical study of Choline Acetate Ionic Liquid with change in solvent polarities. <i>Journal of Molecular Liquids</i> , 2020, 298, 112061.	2.3	10
45	Investigating the structural and conformational behavior of HEWL in the presence of iron metallosurfactant and sodium oleate metallo-catanionic aggregates. <i>Journal of Molecular Liquids</i> , 2020, 320, 114397.	2.3	3
46	A flower-like ZnO@Ag ₂ O nanocomposite for label and mediator free direct sensing of dinitrotoluene. <i>RSC Advances</i> , 2020, 10, 27764-27774.	1.7	30
47	An investigation of morphological, microscopic dynamics, fluidity, and physicochemical variations in Cu-decorated metallosomes with cholesterol. <i>Journal of Molecular Liquids</i> , 2020, 318, 114034.	2.3	6
48	Optimization and utilization of single chain metallocatanionic vesicles for antibacterial photodynamic therapy (aPDT) against <i>E. coli</i> . <i>Journal of Materials Chemistry B</i> , 2020, 8, 9304-9313.	2.9	14
49	Modulating physicochemical properties in Gd ₃ @Yb ₂ O ₃ nanospheres for efficient electrochemical monitoring of H ₂ O ₂ . <i>Materials Science and Engineering C</i> , 2020, 114, 111059.	3.8	10
50	Fluorescein@Metal Hybrid Surfactant Conjugates as a Smart Material for Antimicrobial Photodynamic Therapy against <i>Staphylococcus aureus</i> . <i>ACS Applied Bio Materials</i> , 2020, 3, 4674-4683.	2.3	18
51	Proficient Photocatalytic and Sonocatalytic Degradation of Organic Pollutants Using CuO Nanoparticles. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-15.	1.5	36
52	Reversible Hydrogen Storage Using Nanocomposites. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4618.	1.3	22
53	Volumetric and acoustic approach for investigating molecular interactions of choline acetate ionic liquid in β -alkanediols at different temperatures. <i>Journal of Molecular Liquids</i> , 2020, 312, 113330.	2.3	9
54	Gold@platinum bimetallic nanoparticles coated 3-(aminopropyl)triethoxysilane (APTES) based electrochemical immunosensor for vitamin D estimation. <i>Journal of Electroanalytical Chemistry</i> , 2020, 873, 114400.	1.9	33

#	ARTICLE	IF	CITATIONS
55	Electro-active silver oxide nanocubes for label free direct sensing of bisphenol A to assure water quality. <i>Materials Today Chemistry</i> , 2020, 16, 100267.	1.7	11
56	Assessing the potential application of bio-compatibly tuned nanosensor of Yb ₂ O ₃ for selective detection of imazapyr in real samples. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 593, 124612.	2.3	18
57	High antimicrobial photodynamic activity of photosensitizer encapsulated dual-functional metallocatanionic vesicles against drug-resistant bacteria <i>S. aureus</i> . <i>Biomaterials Science</i> , 2020, 8, 2905-2920.	2.6	25
58	Efficient Photodynamic Therapy against Gram-Positive and Gram-Negative Bacteria Using Rose Bengal Encapsulated in Metallocatanionic Vesicles in the Presence of Visible Light. <i>ACS Applied Bio Materials</i> , 2020, 3, 8515-8524.	2.3	15
59	Energy Storage in Earth-Abundant Dolomite Minerals. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6679.	1.3	9
60	Direct redox sensing of uranium using copper oxide quantum dots. <i>Journal of Molecular Liquids</i> , 2019, 292, 111455.	2.3	15
61	Ethylene Glycol Functionalized Gadolinium Oxide Nanoparticles as a Potential Electrochemical Sensing Platform for Hydrazine and p-Nitrophenol. <i>Coatings</i> , 2019, 9, 633.	1.2	19
62	Metallovesicles as smart nanoreactors for green catalytic synthesis of benzimidazole derivatives in water. <i>Journal of Materials Chemistry A</i> , 2019, 7, 17306-17314.	5.2	47
63	Tuning of structural, optical and toxicological properties of Gd ³⁺ doped Yb ₂ O ₃ nanoparticles. <i>Ceramics International</i> , 2019, 45, 19307-19315.	2.3	20
64	Manganese Oxide Nanochips as a Novel Electrocatalyst for Direct Redox Sensing of Hexavalent Chromium. <i>Scientific Reports</i> , 2019, 9, 8050.	1.6	25
65	Metallosurfactants derived Pd-NiO nanocomposite for remediation of nitrophenol in water. <i>Journal of Molecular Liquids</i> , 2019, 288, 111018.	2.3	15
66	The study of molecular interactions of aqueous solutions of Choline Acetate at different temperatures. <i>Journal of Molecular Liquids</i> , 2019, 286, 110878.	2.3	12
67	Preferential and Enhanced Adsorption Ability of ZrO ₂ Nanoparticles for the Removal of Cationic, Anionic and Azo Dyes: Isotherm and Kinetic Studies. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7221-7228.	0.9	4
68	Cholesterol-induced physicochemical changes in dodecylamine-based metallosomes: drug entrapping ability and interactions with biological molecules. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3679-3691.	2.9	17
69	Synthesis, thermal and surface activity of cationic single chain metal hybrid surfactants and their interaction with microbes and proteins. <i>Soft Matter</i> , 2019, 15, 2348-2358.	1.2	19
70	Amphiphilic metallosurfactants as potential scaffolds for facile fabrication of PdO-NiO nanocomposites for environmentally benign synthesis of xanthene derivatives. <i>Materials Today Chemistry</i> , 2019, 14, 100194.	1.7	21
71	Green synthesis of CuO nanomaterials and their proficient use for organic waste removal and antimicrobial application. <i>Environmental Research</i> , 2019, 168, 85-95.	3.7	85
72	Novel electrochemical sensor for mononitrotoluenes using silver oxide quantum dots. <i>Electrochimica Acta</i> , 2019, 293, 283-289.	2.6	24

#	ARTICLE	IF	CITATIONS
73	NiO nanodisks: Highly efficient visible-light driven photocatalyst, potential scaffold for seed germination of <i>Vigna Radiata</i> and antibacterial properties. <i>Journal of Cleaner Production</i> , 2018, 190, 563-576.	4.6	62
74	Metallosurfactant based Pd-Ni alloy nanoparticles as a proficient catalyst in the Mizoroki Heck coupling reaction. <i>Green Chemistry</i> , 2018, 20, 1506-1514.	4.6	52
75	Investigating the structural integrity of Bovine serum albumin in presence of newly synthesized metallosurfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 116-124.	2.5	22
76	Chromium-based metallosurfactants: synthesis, physicochemical characterization and probing of their interactions with xanthene dyes. <i>New Journal of Chemistry</i> , 2018, 42, 1141-1150.	1.4	15
77	Cationic double chained metallosurfactants: synthesis, aggregation, cytotoxicity, antimicrobial activity and their impact on the structure of bovine serum albumin. <i>Soft Matter</i> , 2018, 14, 5306-5318.	1.2	28
78	Novel electrochemical sensing of arsenic ions using a simple graphite pencil electrode modified with tin oxide nanoneedles. <i>Journal of Molecular Liquids</i> , 2018, 264, 198-204.	2.3	27
79	ZrO ₂ nanoparticles: An industrially viable, efficient and recyclable catalyst for synthesis of pharmaceutically significant xanthene derivatives. <i>Vacuum</i> , 2018, 157, 9-16.	1.6	25
80	Structural and SAXS analysis of protein folding/unfolding with cationic single chain metallosurfactants. <i>Journal of Molecular Liquids</i> , 2018, 271, 157-165.	2.3	7
81	A facile route for the synthesis of Co, Ni and Cu metallic nanoparticles with potential antimicrobial activity using novel metallosurfactants. <i>Applied Surface Science</i> , 2017, 404, 254-262.	3.1	37
82	Comparative performance of bare and functionalize ZnO nanoadsorbents for pesticide removal from aqueous solution. <i>Journal of Molecular Liquids</i> , 2017, 234, 94-103.	2.3	38
83	Electrochemical sensor based on ZrO ₂ NPs/Au electrode sensing layer for monitoring hydrazine and catechol in real water samples. <i>Journal of Molecular Liquids</i> , 2017, 248, 651-657.	2.3	53
84	Fabrication of metalosomes (metal containing cationic liposomes) using single chain surfactants as a precursor via formation of inorganic organic hybrids. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 25764-25773.	1.3	15
85	Bare and cationic surfactants capped tungsten trioxide nanoparticles based hydrazine chemical sensors: A comparative study. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 571-580.	4.0	21
86	Ionic liquid and surfactant functionalized ZnO nanoadsorbent for Recyclable Proficient Adsorption of toxic dyes from waste water. <i>Journal of Molecular Liquids</i> , 2016, 224, 1294-1304.	2.3	54
87	Transition metal based single chained surfactants: synthesis, aggregation behavior and enhanced photoluminescence properties of fluorescein. <i>RSC Advances</i> , 2016, 6, 108573-108582.	1.7	25
88	1-butyl-3-methylimidazolium tetrafluoroborate functionalized ZnO nanoparticles for removal of toxic organic dyes. <i>Journal of Molecular Liquids</i> , 2016, 220, 1013-1021.	2.3	32
89	Role of manganese-based surfactant towards solubilization and photophysical properties of fluorescein. <i>RSC Advances</i> , 2016, 6, 7066-7077.	1.7	18
90	Surfactant functionalized tungsten oxide nanoparticles with enhanced photocatalytic activity. <i>Chemical Engineering Journal</i> , 2016, 288, 423-431.	6.6	34

#	ARTICLE	IF	CITATIONS
91	Enhanced solubilization of curcumin in mixed surfactant vesicles. Food Chemistry, 2016, 199, 660-666.	4.2	45
92	(Cationic + nonionic) mixed surfactant aggregates for solubilisation of curcumin. Journal of Chemical Thermodynamics, 2016, 93, 115-122.	1.0	32
93	Efficient Photocatalytic Degradation of Victoria Blue R and Fast Green FCF Dyes Using Fe_3O_4 and $\text{Fe}_3\text{O}_4/\text{TiO}_2$ Nanoparticles. Nanoscience and Nanotechnology Letters, 2016, 8, 965-971.	0.4	6
94	Comparative study of catalytic activity of ZrO_2 nanoparticles for sonocatalytic and photocatalytic degradation of cationic and anionic dyes. Chemical Engineering Journal, 2015, 280, 475-485.	6.6	134
95	Dodecyl ethyl dimethyl ammonium bromide capped WO_3 nanoparticles: efficient scaffolds for chemical sensing and environmental remediation. Dalton Transactions, 2015, 44, 17251-17260.	1.6	16
96	Multifaceted Approach for the Fabrication of Metallomicelles and Metallic Nanoparticles Using Solvophobic Bisdodecylaminepalladium (II) Chloride as Precursor. Inorganic Chemistry, 2015, 54, 9002-9012.	1.9	40
97	An efficient and green synthesis of xanthene derivatives using CuS quantum dots as a heterogeneous and reusable catalyst under solvent free conditions. RSC Advances, 2015, 5, 8205-8209.	1.7	33
98	Ultra fast and effective treatment of dyes from water with the synergistic effect of Ni doped ZnO nanoparticles and ultrasonication. Ultrasonics Sonochemistry, 2015, 22, 317-325.	3.8	80
99	A comparison on the performance of zinc oxide and hematite nanoparticles for highly selective and sensitive detection of para-nitrophenol. Journal of Applied Electrochemistry, 2015, 45, 253-261.	1.5	34
100	Fe_3O_4 Nanospindles for Environmental Remediation: A Study on the Adsorption and Desorption Characteristics of Acridine Orange and Direct Red Dyes. Journal of Nanoscience and Nanotechnology, 2014, 14, 3545-3551.	0.9	10
101	Physiochemical Properties of New Formulations of 1-Ethyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide with Tritons. Journal of Chemical & Engineering Data, 2014, 59, 3988-3999.	1.0	17
102	Tungsten oxide (WO_3) nanoparticles as scaffold for the fabrication of hydrazine chemical sensor. Sensors and Actuators B: Chemical, 2014, 196, 231-237.	4.0	92
103	Recyclable CuS quantum dots as heterogeneous catalyst for Biginelli reaction under solvent free conditions. Chemical Engineering Journal, 2014, 243, 217-224.	6.6	61
104	Thermophysical and Spectroscopic Studies of Pure 1-Butyl-3-methylimidazolium Tetrafluoroborate and Its Aqueous Mixtures. Journal of Solution Chemistry, 2014, 43, 340-359.	0.6	31
105	Synthesis of highly luminescent water stable ZnO quantum dots as photoluminescent sensor for picric acid. Journal of Luminescence, 2014, 154, 148-154.	1.5	39
106	Recyclable CuO nanoparticles as heterogeneous catalysts for the synthesis of xanthenes under solvent free conditions. RSC Advances, 2014, 4, 49462-49470.	1.7	48
107	Aggregation behavior of Dioctadecyldimethylammonium chloride in mixed cationic surfactant system. Journal of Molecular Liquids, 2014, 198, 37-43.	2.3	5
108	Removal of Water Contaminants by Iron Oxide Nanomaterials. Journal of Nanoscience and Nanotechnology, 2014, 14, 627-643.	0.9	108

#	ARTICLE	IF	CITATIONS
109	Structural and interactional behaviour of aqueous mixture of room temperature ionic liquid; 2-hydroxyethyl-trimethylammonium lactate. <i>Journal of Chemical Thermodynamics</i> , 2014, 76, 134-144.	1.0	12
110	Solubilization efficiency of mixed cationic aggregates towards aromatic compounds. <i>Fluid Phase Equilibria</i> , 2014, 375, 340-346.	1.4	1
111	Synthesis of CeO ₂ @ZnO nanoellipsoids as potential scaffold for the efficient detection of 4-nitrophenol. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 1044-1050.	4.0	92
112	Effect of β -cyclodextrin on the behaviour of thermophysical and spectroscopic properties of binary mixtures of (isomeric butanediol+pyrrolidin-2-one). <i>Journal of Chemical Thermodynamics</i> , 2013, 57, 266-275.	1.0	9
113	Applications of Surface Modified Ionic Liquid/Nanomaterial Composite in Electrochemical Sensors and Biosensors. <i>BioNanoScience</i> , 2013, 3, 241-253.	1.5	18
114	Fast and Efficient Removal of Hazardous Congo Red from Its Aqueous Solution Using β -Fe ₃ O ₄ Nanoparticles. <i>Journal of Nanoengineering and Nanomanufacturing</i> , 2013, 3, 142-146.	0.3	5
115	Adsorption Studies of Cationic, Anionic and Azo-Dyes via Monodispersed Fe ₃ O ₄ Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 3240-3245.	0.9	42
116	Well-Crystalline ZnO Nanostructures for the Removal of Acridine Orange and Coomassie Brilliant Blue R-250 Hazardous Dyes. <i>Science of Advanced Materials</i> , 2013, 5, 1886-1894.	0.1	23
117	Self aggregation and solution behavior of copper and nickel based surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 403, 103-109.	2.3	29
118	Ultra-high sensitive hydrazine chemical sensor based on low-temperature grown ZnO nanoparticles. <i>Electrochimica Acta</i> , 2012, 69, 128-133.	2.6	62
119	Thermophysical and spectroscopic studies of room temperature ionic liquid, 1-butyl-3-methylimidazolium hexafluorophosphate in Tritons. <i>Journal of Chemical Thermodynamics</i> , 2012, 50, 63-70.	1.0	18
120	Multicomponent Gold Hybrid Structures: Synthesis and Applications. <i>Reviews in Advanced Sciences and Engineering</i> , 2012, 1, 103-118.	0.6	3
121	Non-Enzymatic Glucose Sensor Based on Well-Crystallized ZnO Nanoparticles. <i>Science of Advanced Materials</i> , 2012, 4, 994-1000.	0.1	25
122	Removal of Coomassie Brilliant Blue R-250 Dye from Water Using β -Fe ₂ O ₃ Nanoparticles. <i>Journal of Nanoengineering and Nanomanufacturing</i> , 2012, 2, 304-308.	0.3	1
123	Well-Crystalline β -Fe ₂ O ₃ Nanoparticles for Hydrazine Chemical Sensor Application. <i>Science of Advanced Materials</i> , 2011, 3, 962-967.	0.1	17
124	Behavior of papain in mixed micelles of anionic and cationic surfactants having similar tails and dissimilar head groups. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 105-111.	5.0	14
125	Thermodynamic, transport, and spectroscopic studies for mixtures of isomeric butanediol and N-methyl-2-pyrrolidinone. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 1329-1338.	1.0	21
126	Molecular interactions of β -alkanediols in pyrrolidin-2-one: Thermophysical and spectroscopic measurements. <i>Journal of Chemical Thermodynamics</i> , 2008, 40, 498-508.	1.0	18

#	ARTICLE	IF	CITATIONS
127	Structural and interactional studies of homologous series of α,ω -alkanediols in N,N-dimethylformamide. Journal of Chemical Thermodynamics, 2007, 39, 781-790.	1.0	16
128	Synthesis and characterization of some α -naphthyl selenium/tellurium derivatives: X-ray crystal structure of benzyl-1-naphthyl selenide and diphenylmethyl-1-naphthyl selenide. Journal of Organometallic Chemistry, 2006, 691, 621-628.	0.8	6
129	A comparative study of thermophysical and spectroscopic properties in mixtures of isomeric butanediol and N,N-dimethylformamide. Journal of Chemical Thermodynamics, 2006, 38, 836-848.	1.0	36
130	Effects of progressive addition of oxyethylene groups on the thermodynamic properties of pyrrolidin-2-one and Tritons. Journal of Molecular Liquids, 2005, 122, 21-27.	2.3	5
131	Effect of placement of hydroxyl groups in isomeric butanediol on the behaviour of thermophysical and spectroscopic properties of pyrrolidin-2-one. Journal of Chemical Thermodynamics, 2005, 37, 791-801.	1.0	30
132	Influence of substitution in the aromatic ring on the behaviour of thermodynamic properties of pyrrolidin-2-one and aromatic hydrocarbons. Journal of Molecular Liquids, 2004, 111, 133-140.	2.3	7
133	Transformation of waste rice straw to carbon quantum dots and their potential chemical sensing application: green and sustainable approach to overcome stubble burning issues. Biomass Conversion and Biorefinery, 0, , .	2.9	1