

Naved I Malek

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3431830/naved-i-malek-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85
papers

1,352
citations

22
h-index

30
g-index

92
ext. papers

1,731
ext. citations

4
avg, IF

5.38
L-index

#	Paper	IF	Citations
85	Green fluorescent carbon dots functionalized MoO ₃ nanoparticles for sensing of hypochlorite. <i>Journal of Molecular Liquids</i> , 2022 , 351, 118628	6	2
84	Stimuli responsive self-assembled structural aggregates of ionic liquid based surfactants as the membrane free microreactors for dyes sequestration and drug encapsulation. <i>Journal of Molecular Liquids</i> , 2022 , 350, 118555	6	0
83	Review on the biomedical and sensing applications of nanomaterial-incorporated hydrogels. <i>Materials Today Chemistry</i> , 2022 , 23, 100746	6.2	8
82	Imidazole-based surface-active gelator: Thermo responsive gel-to-gel transition of 1-hexadecyl-3-methyl imidazolium salicylate for multidimensional applications. <i>Journal of Molecular Liquids</i> , 2022 , 345, 117773	6	1
81	Microwave Assisted Synthesis of Red-Emitting Copper Nanoclusters Using Trypsin as a Ligand for Sensing of Pb and Hg Ions in Water and Tobacco Samples.. <i>Applied Spectroscopy</i> , 2022 , 37028221100544 ^{3,1}		0
80	Amino Acid Induced Self-Assembled Vesicles of Choline Oleate: pH responsive Nano-carriers for Targeted and Localized Delivery of Doxorubicin for Breast Cancer. <i>Journal of Molecular Liquids</i> , 2022 , 119517	6	0
79	Folic acid functionalized molybdenum oxide quantum dots for the detection of Cu ion and alkaline phosphatase via fluorescence turn off-on mechanism. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 268, 120659	4.4	1
78	Ionic Liquid-Based Surfactants: Recent Advances in Their Syntheses, Solution Properties, and Applications. <i>Polymers</i> , 2021 , 13,	4.5	20
77	On the effects of head-group volume on the adsorption and aggregation of 1-(n-hexadecyl)-3-Cm-imidazolium bromide and chloride surfactants in aqueous solutions. <i>Journal of Molecular Liquids</i> , 2021 , 328, 115478	6	3
76	Investigation of Temperature, Composition, and Alkyl Chain-Dependent Molecular Interactions between Imidazolium-Based Ionic Liquids and Aniline: A Study of Experimental and Theoretical Thermophysical Properties. <i>Journal of Chemical & Engineering Data</i> , 2021 , 66, 154-169	2.8	1
75	Experimental and theoretical excess molar properties of aqueous choline chloride based deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2021 , 324, 114340	6	3
74	Drug induced catanionic vesicles assisted fabrication of hollow silica nano-spheres as the new age chemo-drug carrier. <i>Colloids and Interface Science Communications</i> , 2021 , 44, 100466	5.4	1
73	Surface modifications and analytical applications of graphene oxide: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2021 , 144, 116448	14.6	15
72	Review on MXenes-based nanomaterials for sustainable opportunities in energy storage, sensing and electrocatalytic reactions. <i>Journal of Molecular Liquids</i> , 2021 , 342, 117524	6	6
71	Ionic liquid-based catanionic vesicles: A de novo system to judiciously improve the solubility, stability and antimicrobial activity of curcumin. <i>Journal of Molecular Liquids</i> , 2021 , 341, 117396	6	8
70	Selective Sequestration of Charged Dyes and Drug in the ionic Liquid Based Complex Coacervates. <i>Journal of Ionic Liquids</i> , 2021 , 1, 100006		2
69	Selective accumulation of dyes and curcumin in a macroscopic complex coacervates composed of morpholinium based ester functionalized ionic liquid and sodium salicylate. <i>Journal of Molecular Liquids</i> , 2020 , 317, 114140	6	11

68	Thermo-switchable de novo ionogel as metal absorbing and curcumin loaded smart bandage material. <i>Journal of Molecular Liquids</i> , 2020 , 306, 112922	6	13
67	Poly(vinyl alcohol) and Functionalized Ionic Liquid-Based Smart Hydrogels for Doxorubicin Release.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 4883-4894	4.1	11
66	Ractopamine as a novel reagent for the fabrication of gold nanoparticles: Colorimetric sensing of cysteine and Hg ²⁺ ion with different spectral characteristics. <i>Microchemical Journal</i> , 2020 , 158, 105212	4.8	14
65	Cellulose Regeneration and Chemical Recycling: Closing the Cellulose Gap Using Environmentally Benign Solvents. <i>Macromolecular Materials and Engineering</i> , 2020 , 305, 1900832	3.9	25
64	Insight into the Application of Surface-Active Ionic Liquids in Surfactant Based Enhanced Oil Recovery Processes A Guide Leading to Research Advances. <i>Energy & Fuels</i> , 2020 , 34, 6544-6557	4.1	29
63	Fluorescence detection of Fe ³⁺ ion using ultra-small fluorescent carbon dots derived from pineapple (<i>Ananas comosus</i>): Development of miniaturized analytical method. <i>Journal of Molecular Structure</i> , 2020 , 1216, 128343	3.4	20
62	Formation of hydrotropic drug/gemini surfactant based cationic vesicles as efficient nano drug delivery vehicles. <i>Colloids and Interface Science Communications</i> , 2020 , 37, 100273	5.4	15
61	Designing of glutathione-lactose derivative for the fabrication of gold nanoclusters with red fluorescence: Sensing of Al ³⁺ and Cu ²⁺ ions with two different mechanisms. <i>Optical Materials</i> , 2020 , 100, 109704	3.3	19
60	Self-Sustainable, self-healable, Load Bearable and Moldable stimuli responsive ionogel for the Selective Removal of Anionic Dyes from aqueous medium. <i>Journal of Molecular Liquids</i> , 2020 , 298, 112048	6	22
59	Sodium Salicylate Mediated Ionic Liquid Based Cationic Coacervates as Membrane-Free Microreactors for the Selective Sequestration of Dyes and Curcumin. <i>ChemSystemsChem</i> , 2020 , 2, e1900029	3.1	7
58	Temperature, Composition, and Alkyl Chain-Dependent Molecular Interactions between Imidazolium-Based Ionic Liquids with N-Methylaniline and N-Ethylaniline: Experimental and Theoretical Study. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 5249-5265	2.8	6
57	Introduction of cellulose-cysteine Schiff base as a new ligand for the fabrication of blue fluorescent gold nanoclusters for the detection of indapamide drug. <i>Journal of Molecular Liquids</i> , 2020 , 319, 114305	6	8
56	Magnetically driven release of dopamine from magnetic-non-magnetic cellulose beads. <i>Journal of Molecular Liquids</i> , 2020 , 320, 114290	6	3
55	Investigation on thermophysical properties of binary systems of [C4mim][NTf2] with cyclic ethers: Application of PFP and ERAS theories. <i>Journal of Molecular Liquids</i> , 2020 , 320, 114411	6	1
54	Concentration- and Temperature-Responsive Reversible Transition in Amide-Functionalized Surface-Active Ionic Liquids: Micelles to Vesicles to Organogel. <i>ACS Omega</i> , 2020 , 5, 24272-24284	3.9	6
53	Functionalized surfactant based cationic vesicles as the soft template for the synthesis of hollow silica nanospheres as new age drug carrier. <i>Surfaces and Interfaces</i> , 2020 , 20, 100596	4.1	6
52	A Comprehensive Study Based on the Application of Different Genre of Surface-Active Ionic Liquid and Alkali Combination Systems in Surfactant Flooding. <i>Energy & Fuels</i> , 2020 , 34, 9411-9425	4.1	5
51	Facile synthesis of highly blue fluorescent tyrosine coated molybdenum oxide quantum dots for the detection of imidacloprid pesticide. <i>Journal of Molecular Liquids</i> , 2020 , 319, 114329	6	7

50	Temperature-Responsive Low Molecular Weight Ionic Liquid Based Gelator: An Approach to Fabricate an Anti-Cancer Drug-Loaded Hybrid Ionogel. <i>ChemSystemsChem</i> , 2020 , 2, e1900053	3.1	9
49	Understanding the peculiar effect of water on the physicochemical properties of choline chloride based deep eutectic solvents theoretically and experimentally. <i>Journal of Molecular Liquids</i> , 2019 , 278, 607-615	6	49
48	Stimuli Responsive, Self-Sustainable, and Self-Healable Functionalized Hydrogel with Dual Gelation, Load-Bearing, and Dye-Absorbing Properties. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 19572-19583	9.5	26
47	Trypsin mediated one-pot reaction for the synthesis of red fluorescent gold nanoclusters: Sensing of multiple analytes (carbidopa, dopamine, Cu, Co and Hg ions). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 215, 209-217	4.4	43
46	Cellulose in Ionic Liquids and Alkaline Solutions: Advances in the Mechanisms of Biopolymer Dissolution and Regeneration. <i>Polymers</i> , 2019 , 11,	4.5	22
45	Potential of a Novel Surfactant Slug in Recovering Additional Oil from Highly Saline Calcite Cores during the EOR Process: Synergistic Blend of Surface Active Ionic Liquid and Nonionic Surfactant. <i>Energy & Fuels</i> , 2019 , 33, 541-550	4.1	9
44	Synergistic Interaction between Cholesterol and Functionalized Ionic Liquid Based Surfactant Leading to the Morphological Transition. <i>ChemistrySelect</i> , 2018 , 3, 1300-1308	1.8	20
43	Drug-Induced Micelle-to-Vesicle Transition of a Cationic Gemini Surfactant: Potential Applications in Drug Delivery. <i>ChemPhysChem</i> , 2018 , 19, 865-872	3.2	40
42	Salt-Induced Microstructural Transitions in Aqueous Dispersions of Ionic-Liquids-Based Surfactants. <i>ChemistrySelect</i> , 2018 , 3, 4851-4858	1.8	12
41	Interaction of Tertiary Amine with Aryl and Alkyl Ethers: Experimental and Theoretical Approach 2018 , 191-218		
40	Application of Thermodynamic Models for Prediction of Experimental Solubility of Alkali Metal Halides in Aqueous Organic Solvents 2018 , 57-88		
39	Ionic Liquid-Based Catanionic Coacervates: Novel Microreactors for Membrane-Free Sequestration of Dyes and Curcumin. <i>ACS Omega</i> , 2018 , 3, 17751-17761	3.9	22
38	Thermo-Switchable de Novo Ionic Liquid-Based Gelators with Dye-Absorbing and Drug-Encapsulating Characteristics. <i>ACS Omega</i> , 2018 , 3, 12068-12078	3.9	28
37	Nano-Vehicles for Drug Delivery Using Low-Cost Cationic Surfactants: A Drug Induced Structural Transitions. <i>ChemistrySelect</i> , 2018 , 3, 9454-9463	1.8	16
36	Effect of imidazolium-based ionic liquids on the aggregation behavior of twin-tailed cationic gemini surfactant in aqueous solution. <i>Journal of Dispersion Science and Technology</i> , 2017 , 38, 393-402	1.5	16
35	Drug induced micelle-to-vesicle transition in aqueous solutions of cationic surfactants. <i>RSC Advances</i> , 2017 , 7, 3861-3869	3.7	29
34	Study on interfacial properties of Imidazolium ionic liquids as surfactant and their application in enhanced oil recovery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 516, 383-393	5.1	57
33	Effects of 1-alkyl-3-methylimidazolium bromide ionic liquids on the micellar properties of [butanediyl-1,4-bis(dimethyldodecylammonium bromide)] gemini surfactant in aqueous solution. <i>Colloid and Polymer Science</i> , 2017 , 295, 2351	2.4	10

32	Molecular interaction study through experimental and theoretical volumetric, transport and refractive properties of N-ethylaniline with aryl and alkyl ethers at several temperatures. <i>Physics and Chemistry of Liquids</i> , 2016 , 54, 223-244	1.5	11
31	Binary mixtures of ([C4mim][NTf2] + molecular organic solvents): Thermophysical, acoustic and transport properties at various compositions and temperatures. <i>Journal of Chemical Thermodynamics</i> , 2016 , 93, 75-85	2.9	21
30	Experimental and theoretical excess molar properties of imidazolium based ionic liquids with isomers of butanol. <i>Thermochimica Acta</i> , 2016 , 634, 38-47	2.9	23
29	Influence of imidazolium ionic liquids on fluorescence of push-pull diphenylbutadienes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 321, 55-62	4.7	2
28	Thermophysical, acoustic and optical properties of binary mixtures of imidazolium based ionic liquids + polyethylene glycol. <i>Journal of Chemical Thermodynamics</i> , 2016 , 99, 40-53	2.9	27
27	Interaction Between Ionic Liquids and Gemini Surfactant: A Detailed Investigation into the Role of Ionic Liquids in Modifying Properties of Aqueous Gemini Surfactant. <i>Journal of Surfactants and Detergents</i> , 2016 , 19, 75-89	1.9	23
26	Impact of organic solvents on the micellization and interfacial behavior of ionic liquid based surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 507, 182-189	5.1	22
25	Study of stability and thermodynamic properties of water-in-diesel nanoemulsion fuels with nano-Al additive. <i>Applied Nanoscience (Switzerland)</i> , 2015 , 5, 891-900	3.3	30
24	Composition and Temperature Dependence of Excess Properties of Binary Mixtures of Imidazolium Based Ionic Liquids: II ([C n mim][PF6]) + Propylamine. <i>Journal of Solution Chemistry</i> , 2015 , 44, 718-741	1.8	17
23	Investigation on thermophysical and excess properties of binary mixtures of imidazolium based ionic liquids at temperatures (293.15 to 323.15) K: III [C n mim][PF 6] (n = 4, 6, 8) + THF. <i>Journal of Chemical Thermodynamics</i> , 2015 , 86, 143-153	2.9	25
22	Effect of [C n mim][Br] Based Ionic Liquids on the Aggregation Behavior of Tetradecyltrimethylammonium Bromide in Aqueous Medium. <i>Journal of Solution Chemistry</i> , 2015 , 44, 850-874	1.8	14
21	Ionic-liquid-based surfactants with unsaturated head group: synthesis and micellar properties of 1-(n-alkyl)-3-vinylimidazolium bromides. <i>Colloid and Polymer Science</i> , 2015 , 293, 3213-3224	2.4	36
20	Imidazole-catalyzed esterification of cellulose in ionic liquid/molecular solvents: A multi-technique approach to probe effects of the medium. <i>Industrial Crops and Products</i> , 2015 , 77, 180-189	5.9	17
19	Probing Cellulose Acetylation in Binary Mixtures of an Ionic Liquid with Dimethylsulfoxide and Sulfolane by Chemical Kinetics, Viscometry, Spectroscopy, and Molecular Dynamics Simulations. <i>Macromolecular Chemistry and Physics</i> , 2015 , 216, 2368-2376	2.6	13
18	A reciprocal binary mixture of protic/aprotic ionic liquids as a deep eutectic solvent: physicochemical behaviour and application towards agarose processing. <i>RSC Advances</i> , 2015 , 5, 99245-99252	3.7	22
17	Molecular interaction study through experimental and theoretical volumetric, acoustic and refractive properties of binary liquid mixtures at several temperatures 1. N,N-dimethylaniline with aryl, and alkyl ethers. <i>Journal of Molecular Liquids</i> , 2014 , 196, 120-134	6	19
16	Study on thermo physical and excess molar properties of binary systems of ionic liquids. I: [Cnmim][PF6] (n=6, 8) and alkyl acetates. <i>Journal of Chemical Thermodynamics</i> , 2014 , 74, 103-118	2.9	32
15	Excess Molar Properties for Binary Systems of CnMIM-BF4 Ionic Liquids with Alkylamines in the Temperature Range (298.15 to 318.15) K. Experimental Results and Theoretical Model Calculations. <i>Journal of Chemical & Engineering Data</i> , 2014 , 59, 540-553	2.8	20

14	Experimental and theoretical excess molar properties of imidazolium based ionic liquids with molecular organic solvents II. 1-Hexyl-3-methylimidazolium tetrafluoroborate and 1-octyl-3-methylimidazolium tetrafluoroborate with cyclic ethers. <i>Journal of Chemical Thermodynamics</i> , 2014 , 71, 236-248	2.9	38
13	Volumetric and acoustic properties of binary mixtures of cyclohexane + benzene and + benzaldehyde at (293.15-323.15) K. <i>Thermochimica Acta</i> , 2012 , 539, 71-83	2.9	41
12	Temperature dependence of densities, speeds of sound, and derived properties of cyclohexylamine + cyclohexane or benzene in the temperature range 293.15-323.15 K. <i>Thermochimica Acta</i> , 2012 , 547, 106-119	2.9	27
11	Thermodynamic and acoustic properties of binary mixtures of ethers. V. Diisopropyl ether or oxolane with 2- or 3-chloroanilines at 303.15, 313.15 and 323.15K. <i>Thermochimica Acta</i> , 2011 ,	2.9	4
10	Temperature-dependent solvatochromic probe behavior within ionic liquids and (ionic liquid + water) mixtures. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 8118-25	3.4	62
9	Interfacial Polymerization of Linear Aromatic Poly(ester amide)s. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2009 , 58, 202-216	3	2
8	Visual evidence for formation of water-in-ionic liquid microemulsions. <i>ChemPhysChem</i> , 2009 , 10, 3204-8	3.2	50
7	Radical polymerization of N-(4-butoxycarbonylphenyl)maleimide, its co-polymerization with methyl methacrylate, styrene and acrylonitrile, and the properties of the resulting polymers. <i>Designed Monomers and Polymers</i> , 2007 , 10, 487-506	3.1	1
6	Free Radical Copolymerization of Methyl Methacrylate and Styrene with N-(4-Carboxyphenyl)maleimide. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2007 , 56, 421-435	3	9
5	Synthesis and Radical Copolymerization of Ethyl Acrylate and Butyl Acrylate with N-[4-N'-(Phenylamino-carbonyl) phenyl] maleimide. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2007 , 56, 27-41	3	2
4	Synthesis and Radical Polymerization of N-[4-N'-(Phenylamino-carbonyl)phenyl]maleimide and its Copolymerization with Methyl Methacrylate. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006 , 43, 289-303	2.2	11
3	Studies of viscosities of dilute solutions of alkylamine in non-electrolyte solvents. II. Haloalkanes and other polar solvents. <i>Thermochimica Acta</i> , 2005 , 427, 51-60	2.9	16
2	Borophene as a rising star in materials chemistry: Synthesis, properties and applications in analytical science and energy devices. <i>New Journal of Chemistry</i> ,	3.6	2
1	Density, Speeds of Sound, and Refractive Index of Pure and Binary Mixtures of Ionic Liquids Based on Imidazolium Cations and Tetrafluoroborate Anions with Cyclohexylamine. <i>Journal of Chemical & Engineering Data</i> ,	2.8	1