

# Naved Azum

## List of Publications by Year in Descending Order

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

131  
papers

3,223  
citations

35  
h-index

52  
g-index

142  
ext. papers

3,679  
ext. citations

3.7  
avg, IF

5.98  
L-index

#	Paper	IF	Citations
131	Impact of numerous media on association, interfacial, and thermodynamic properties of promethazine hydrochloride (PMT)⊕benzethonium chloride (BTC) mixture of various composition. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 346, 118287	6	4
130	Influences of NaCl and NaSO on the Micellization Behavior of the Mixture of Cetylpyridinium Chloride + Polyvinyl Pyrrolidone at Several Temperatures.. <i>Gels</i> , <b>2022</b> , 8,	4.2	1
129	Chemo-enzymatic functionalized sustainable cellulosic membranes: Impact of regional selectivity on ions capture and antifouling behavior.. <i>Carbohydrate Polymers</i> , <b>2022</b> , 278, 118937	10.3	0
128	The assembly of amitriptyline hydrochloride⊕Triton X-45 (non-ionic surfactant) mixtures: Effects of simple salt and urea. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 356, 118997	6	0
127	Inhibition of PDK3 by artemisinin, a repurposed antimalarial drug in cancer therapy. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 355, 118928	6	5
126	Delineating solvation behaviour and molecular interactions within ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate⊕ethylene glycol monomethyl ether solutions. <i>Fluid Phase Equilibria</i> , <b>2022</b> , 557, 113421	2.5	0
125	Investigation of Solution Behavior of Antidepressant Imipramine Hydrochloride Drug and Non-Ionic Surfactant Mixture: Experimental and Theoretical Study. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
124	The complexation of levofloxacin hemihydrate with divalent metal ions in aqueous medium at variable temperatures: Combined UVVisible spectroscopic and DFT studies. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 344, 117916	6	0
123	Unravelling the unfolding pathway of human Fas-activated serine/threonine kinase induced by urea. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2021</b> , 39, 5516-5525	3.6	0
122	Interactions between Anionic Polyacrylamide and Cationic Gemini/Conventional Surfactants. <i>Journal of Surfactants and Detergents</i> , <b>2021</b> , 24, 761-771	1.9	1
121	Interactions between promethazine hydrochloride drug and sodium benzoate hydrotrope mixtures in various solvent media at different temperatures. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 325, 115188	6	5
120	Association behavior of the amphiphilic drug and sodium p-toluenesulfonate mixtures: Effect of additives. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 325, 114654	6	3
119	Interaction of Diphenhydramine Hydrochloride with Cationic and Anionic Surfactants: Mixed Micellization and Binding Studies. <i>Polymers</i> , <b>2021</b> , 13,	4.5	5
118	Interfacial and spectroscopic behavior of phenothiazine drug/bile salt mixture in urea solution. <i>Chemical Papers</i> , <b>2021</b> , 75, 3949-3956	1.9	8
117	Investigation of the aggregation, clouding and thermodynamics of the mixture of sodium alginate with sodium dodecyl sulfate and triton X-100 in aqueous and aqua-organic mixed solvents media. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 117109	6	6
116	An Insight View on Synthetic Protocol, Surface Activity, and Biological Aspects of Novel Biocompatible Quaternary Ammonium Cationic Gemini Surfactants. <i>Journal of Surfactants and Detergents</i> , <b>2021</b> , 24, 35-49	1.9	4
115	Spectroscopic, Structural, DFT and Molecular Docking Studies on Novel Cocrystal Salt Hydrate of Chromotropic Acid and Its Antibiofilm Activity. <i>Arabian Journal for Science and Engineering</i> , <b>2021</b> , 46, 353-364	2.5	8

114	Effect of low levels of hydrotropes on micellization of phenothiazine drug. <i>Korean Journal of Chemical Engineering</i> , <b>2021</b> , 38, 386-399	2.8	2
113	Mixed Micellization and Spectroscopic Studies of Anti-Allergic Drug and Non-Ionic Surfactant in the Presence of Ionic Liquid. <i>Polymers</i> , <b>2021</b> , 13,	4.5	2
112	Extraction of Microcrystalline Cellulose from Washingtonia Fibre and Its Characterization. <i>Polymers</i> , <b>2021</b> , 13,	4.5	5
111	Aggregational behaviour of promethazine hydrochloride and TX-45 surfactant mixtures: A multi-techniques approach. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 342, 117558	6	5
110	Impact on micellization between promethazine hydrochloride and ester bonded gemini surfactant in distinct solvents: A multi-faceted procedure. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 342, 117477	6	3
109	Effect of Temperature and Additives on the Interaction of Ciprofloxacin Hydrochloride Drug with Polyvinylpyrrolidone and Bovine Serum Albumin: Spectroscopic and Molecular Docking Study. <i>Journal of Oleo Science</i> , <b>2021</b> , 70, 397-407	1.6	2
108	Influence of Additives and Temperature on the Interaction of Acid Red 151 Dye with Cetyltrimethylammonium Bromide: A Conductometric Study. <i>Journal of Surfactants and Detergents</i> , <b>2020</b> , 23, 903	1.9	1
107	Discovery of Hordenine as a Potential Inhibitor of Pyruvate Dehydrogenase Kinase 3: Implication in Lung Cancer Therapy. <i>Biomedicines</i> , <b>2020</b> , 8,	4.8	41
106	Effect of urea/salt on aggregation and interfacial behavior of ibuprofen sodium salt (NaIB) drug and TX-45 mixtures. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 311, 113316	6	2
105	Kinetic study of the metal-dipeptide complex with ninhydrin facilitated by gemini (m-s-m) surfactant micelles. <i>Scientific Reports</i> , <b>2020</b> , 10, 4088	4.9	15
104	Micellar and spectroscopic studies of amphiphilic drug with nonionic surfactant in the presence of ionic liquids. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 315, 113732	6	9
103	Self-Assembly, Interfacial, and Thermodynamic Properties of Antipsychotic Drug with Bile Salt in Water/Salt Solutions. <i>Tenside, Surfactants, Detergents</i> , <b>2020</b> , 57, 252-258	1	0
102	Aggregation and surface phenomena of amitriptyline hydrochloride and cationic benzethonium chloride surfactant mixture in different media. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 300, 112346	6	8
101	Self-healing of polymer materials and their composites <b>2020</b> , 103-121		
100	Synergistic interaction between anti-allergic drug and cationic/anionic surfactants: Experimental and theoretical analysis. <i>Journal of Saudi Chemical Society</i> , <b>2020</b> , 24, 683-692	4.3	2
99	Mechanistic insights into the urea-induced denaturation of human sphingosine kinase 1. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 161, 1496-1505	7.9	7
98	Association behavior of bile salts binary mixtures in an aqueous system: A tensiometric and fluorometric study. <i>Journal of Physical Organic Chemistry</i> , <b>2020</b> , 33, e4015	2.1	2
97	Aggregation Behavior of Antipsychotic Drug under the Influence of Bile Salt in Aqueous/Urea Solution. <i>Journal of Oleo Science</i> , <b>2020</b> , 69, 327-335	1.6	3

96	Micellization behavior of bile salt with pluronic (F-127) and synthesis of silver nanoparticles in a mixed system. <i>Journal of Physical Organic Chemistry</i> , <b>2019</b> , 32, e3964	2.1	4
95	Investigation of aggregation behavior of ibuprofen sodium drug under the influence of gelatin protein and salt. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 290, 111187	6	27
94	Aggregation behavior of cetyltrimethylammonium bromide and tetradecyltrimethylammonium bromide in aqueous/urea solution at different temperatures: Experimental and theoretical investigation. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 285, 766-777	6	6
93	Conductometric and molecular dynamics studies of the aggregation behavior of sodium dodecyl sulfate (SDS) and cetyltrimethylammonium bromide (CTAB) in aqueous and electrolytes solution. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 283, 263-275	6	32
92	Facial synthesis of highly active polymer vanadium molybdate nanocomposite: Improved thermoelectric and antimicrobial studies. <i>Journal of Physics and Chemistry of Solids</i> , <b>2019</b> , 131, 148-155	3.9	13
91	Conjugated mesoporous polyazobenzenePd(II) composite: A potential catalyst for visible-light-induced Sonogashira coupling. <i>Journal of Catalysis</i> , <b>2019</b> , 377, 183-189	7.3	9
90	Non-similar characteristics of mixed convective slip flow over a wedge with temperature-dependent thermo-physical properties. <i>Modern Physics Letters B</i> , <b>2019</b> , 33, 1950455	1.6	
89	Bile salt interaction in mixed monolayer and mixed micelle formation. <i>Journal of Chemical Thermodynamics</i> , <b>2019</b> , 128, 406-414	2.9	61
88	Aggregation of sodium salt of ibuprofen and sodium taurocholate mixture in different media: A tensiometry and fluorometry study. <i>Journal of Chemical Thermodynamics</i> , <b>2018</b> , 121, 199-210	2.9	112
87	Aggregation behavior of sodium salt of ibuprofen with conventional and gemini surfactant. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 262, 86-96	6	112
86	Mixtures of antidepressant amphiphilic drug imipramine hydrochloride and anionic surfactant: Micellar and thermodynamic investigation. <i>Journal of Physical Organic Chemistry</i> , <b>2018</b> , 31, e3812	2.1	72
85	Synergistic effect of an antipsychotic drug chlorpromazine hydrochloride with pluronic triblock copolymer: A physicochemical study. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 260, 159-165	6	33
84	Mixed micellization study of ibuprofen (sodium salt) and cationic surfactant (conventional as well as gemini). <i>Journal of Physical Organic Chemistry</i> , <b>2018</b> , 31, e3730	2.1	106
83	Interaction of antipsychotic drug with novel surfactants: Micellization and binding studies. <i>Chinese Journal of Chemical Engineering</i> , <b>2018</b> , 26, 566-573	3.2	51
82	Lactoperoxidase immobilization on silver nanoparticles enhances its antimicrobial activity. <i>Journal of Dairy Research</i> , <b>2018</b> , 85, 460-464	1.6	8
81	Self-association and micro-environmental properties of sodium salt of ibuprofen with BRIJ-56 under the influence of aqueous/urea solution. <i>Journal of Dispersion Science and Technology</i> , <b>2017</b> , 38, 96-104	1.5	66
80	Interaction of triblock-copolymer with cationic gemini and conventional surfactants: A physicochemical study. <i>Journal of Dispersion Science and Technology</i> , <b>2017</b> , 38, 1785-1791	1.5	54
79	Micellar and interfacial properties of amphiphilic drug non-ionic surfactants mixed systems: Surface tension, fluorescence and UV-vis studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 522, 183-192	5.1	77

78	Multi-technique approach towards amphiphilic drug-surfactant interaction: A physicochemical study. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 240, 189-195	6	44
77	Influence of antidepressant clomipramine hydrochloride drug on human serum albumin: Spectroscopic study. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 241, 91-98	6	47
76	Thermodynamic properties of ibuprofen sodium salt in aqueous/urea micellar solutions at 298.15 K. <i>Russian Journal of Physical Chemistry A</i> , <b>2017</b> , 91, 685-691	0.7	26
75	Effect of Sodium Dodecylbenzenesulfonate on the Association Behavior of Promethazine Hydrochloride in Aqueous/Electrolyte Solutions at Different Temperatures. <i>Journal of Solution Chemistry</i> , <b>2017</b> , 46, 862-885	1.8	3
74	Interaction between antidepressant drug and anionic surfactant in low concentration range in aqueous/salt/urea solution: A conductometric and fluorometric study. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 227, 1-14	6	49
73	Surface, micellar, and thermodynamic properties of antidepressant drug nortriptyline hydrochloride with TX-114 in aqueous/urea solutions. <i>Journal of Physical Organic Chemistry</i> , <b>2017</b> , 30, e3676	2.1	63
72	Binary Mixtures of Sodium Salt of Ibuprofen and Selected Bile Salts: Interface, Micellar, Thermodynamic, and Spectroscopic Study. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 3216-3228	2.8	119
71	Effect of Novel Surfactant on the Growth Kinetics of Cobalt Nanoparticles. <i>Tenside, Surfactants, Detergents</i> , <b>2017</b> , 54, 448-452	1	2
70	Kinetic Behavior of Cobalt Nanoparticles Facilitated by Cationic Surfactant. <i>Chemical Engineering Communications</i> , <b>2016</b> , 203, 446-451	2.2	1
69	Thermodynamic aspects of polymer-surfactant interactions: Gemini (16-5-16)-PVP-water system. <i>Arabian Journal of Chemistry</i> , <b>2016</b> , 9, S1660-S1664	5.9	8
68	Solution properties of phenothiazine drug promazine hydrochloride with cationic hydrotropes in aqueous/electrolyte solution at different temperature. <i>Journal of Physical Organic Chemistry</i> , <b>2016</b> , 29, 476-489	2.1	26
67	Mechanistic Investigation of Osmium(VIII) Catalyzed Oxidation of Glutamic Acid With Sodium Salt of N-Chloro 4-Methylbenzenesulfonamide in Aqueous Media: A Practical Approach. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2016</b> , 46, 10-18		4
66	Self-Aggregation Phenomenon of Promazine Hydrochloride Under the Influence of Sodium Cholate/Sodium Deoxycholate in Aqueous Medium. <i>Journal of Dispersion Science and Technology</i> , <b>2016</b> , 37, 450-463	1.5	25
65	Micellization phenomena of amphiphilic drug and TX-100 mixtures: Fluorescence, UV-visible and <sup>1</sup> H NMR study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2016</b> , 60, 32-43	5.3	11
64	Micellization and interfacial behavior of binary and ternary mixtures in aqueous medium. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 216, 94-98	6	57
63	Interaction of cationic amphiphilic drug nortriptyline hydrochloride with TX-100 in aqueous and urea solutions and the studies of physicochemical parameters of the mixed micelles. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 218, 595-603	6	88
62	Tensiometric, fluorescence and <sup>1</sup> H NMR study of mixed micellization of non-steroidal anti-inflammatory drug sodium salt of ibuprofen in the presence of non-ionic surfactant in aqueous/urea solutions. <i>Journal of Chemical Thermodynamics</i> , <b>2016</b> , 96, 196-207	2.9	111
61	Self-association behavior of an amphiphilic drug nortriptyline hydrochloride under the influence of inorganic salts. <i>Russian Journal of Physical Chemistry B</i> , <b>2016</b> , 10, 1007-1013	1.2	48

60	Micellization and Interfacial Behavior of the Sodium Salt of IbuprofenBRIJ-58 in Aqueous/Brine Solutions. <i>Journal of Solution Chemistry</i> , <b>2016</b> , 45, 791-803	1.8	62
59	EConjugated donor-acceptor small molecule thin-films on gold electrodes for reducing the metal work-function. <i>Thin Solid Films</i> , <b>2016</b> , 616, 320-327	2.2	4
58	Antidepressant drug amitriptyline hydrochloride (AMT) interaction with anionic surfactant sodium dodecyl sulfate in aqueous/brine/urea solutions at different temperatures. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 222, 1020-1030	6	61
57	Micellization behavior of mixtures of amphiphilic promazine hydrochloride and cationic aniline hydrochloride in aqueous and electrolyte solutions. <i>Korean Journal of Chemical Engineering</i> , <b>2015</b> , 32, 2142-2152	2.8	13
56	Effect of salt and urea on complexation behavior of pharmaceutical excipient gelatin with phenothiazine drug promazine hydrochloride. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 208, 84-91	6	15
55	Effect of gelatin on micellization and microstructural behavior of amphiphilic amitriptyline hydrochloride drug solution: A detailed study. <i>Journal of Chemical Thermodynamics</i> , <b>2015</b> , 89, 112-122	2.9	30
54	Interaction of an Amphiphilic Drug and Sodium Bis(2-ethylhexyl)sulfosuccinate at Low Concentrations in the Absence and Presence of Sodium Chloride. <i>Journal of Solution Chemistry</i> , <b>2015</b> , 44, 1937-1961	1.8	69
53	Micellization behavior of amphiphilic drug promazine hydrochloride and sodium dodecyl sulfate mixtures at various temperatures: Effect of electrolyte and urea. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 212, 532-543	6	49
52	Influence of additives (inorganic/organic) on the clouding behavior of amphiphilic drug solutions: Some thermodynamic studies. <i>Journal of Saudi Chemical Society</i> , <b>2015</b> , 19, 292-300	4.3	5
51	Clouding phenomenon of amphiphilic drug promazine hydrochloride solutions: Influence of pharmaceutical excipients. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2015</b> , 21, 1119-1126	6.3	22
50	Aggregation and microenvironmental properties of gemini and conventional mixed surfactants systems: A fluorometric study. <i>Russian Journal of Physical Chemistry B</i> , <b>2015</b> , 9, 940-945	1.2	9
49	Physicochemical Properties of Amphiphilic Drug and Anionic Surfactant Mixtures: Experimental and Theoretical Approach. <i>Journal of Dispersion Science and Technology</i> , <b>2015</b> , 36, 521-531	1.5	47
48	Facile synthesis of doped ZnO-CdO nanoblocks as solid-phase adsorbent and efficient solar photo-catalyst applications. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2014</b> , 20, 2278-2286	6.3	31
47	A new way of synthesis nanohybrid cation-exchanger applicable for membrane electrode. <i>Polymer Composites</i> , <b>2014</b> , 35, 1436-1443	3	16
46	Energetics of Clouding Phenomenon in Amphiphilic Drug Imipramine Hydrochloride with Pharmaceutical Excipients. <i>Pharmaceutical Chemistry Journal</i> , <b>2014</b> , 48, 201-208	0.9	48
45	Complexation behavior of mixed monolayer/mixed micelle formation between cationic noble surfactant-nonionic conventional surfactant in the presence of biocompatible polymer. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 199, 495-500	6	5
44	Preparation, Electrical Conductivity, and Thermal Studies on Silver Doped Polyaniline Phosphotungstate Nanocomposite. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2014</b> , 44, 1526-1530		9
43	Self-Aggregation of Cationic Dimeric and Anionic Monomeric Surfactants with Nonionic Surfactant in Aqueous Medium. <i>Journal of Dispersion Science and Technology</i> , <b>2014</b> , 35, 358-363	1.5	20



42	Micellization of Amphiphilic Drug with Pharmaceutical Excipients in Aqueous Electrolytic Solution: Composition, Interaction, and Stability of the Aggregates. <i>Journal of Dispersion Science and Technology</i> , <b>2014</b> , 35, 1588-1598	1.5	5
41	Study of the Interaction Between Promazine Hydrochloride and Surfactant (Conventional/Gemini) Mixtures at Different Temperatures. <i>Journal of Solution Chemistry</i> , <b>2014</b> , 43, 930-949	1.8	57
40	Study of the interactions in dicationic gemini/anionic conventional mixed surfactant systems in the viewpoint of regular solution theory. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 197, 339-345	6	19
39	Applied poly(2-methoxy aniline) Sn(II)silicate carbon nanotubes composite: Synthesis, characterization, structure-property relationships and applications. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2014</b> , 20, 2301-2309	6.3	16
38	Investigation of micellar and phase separation phenomenon of phenothiazine drug promazine hydrochloride with anionic hydrotropes. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2014</b> , 20, 2023-2034	6.3	24
37	Analysis of surface and bulk properties of amphiphilic drug ibuprofen and surfactant mixture in the absence and presence of electrolyte. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 121, 158-64	6	57
36	Micellization and microstructural studies between amphiphilic drug ibuprofen with non-ionic surfactant in aqueous urea solution. <i>Journal of Chemical Thermodynamics</i> , <b>2014</b> , 74, 91-102	2.9	52
35	Dual nature, self oxidized poly(o-anisidine) functionalized multiwall carbon nanotubes composite: Preparation, thermal and electrical studies. <i>Composites Part B: Engineering</i> , <b>2014</b> , 58, 451-456	10	32
34	Experimental and theoretical approach to mixed surfactant system of cationic gemini surfactant with nonionic surfactant in aqueous medium. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 196, 14-20	6	57
33	Micro concentrations of Ru(III) used as homogenous catalyst in the oxidation of levothyroxine by N-bromosuccinimide and the mechanistic pathway. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , <b>2014</b> , 45, 127-133	5.3	11
32	Study of the base-catalysed oxidation of the anti-bacterial and anti-protozoal agent metronidazole by permanganate ion in alkaline medium. <i>Research on Chemical Intermediates</i> , <b>2014</b> , 40, 1703-1714	2.8	3
31	Aggregation and Phase Separation Phenomenon of Amitriptyline Hydrochloride Under the Influence of Pharmaceutical Excipients. <i>Journal of Surfactants and Detergents</i> , <b>2014</b> , 17, 37-48	1.9	4
30	Temperature gradient measurements by using thermoelectric effect in CNTs-silicone adhesive composite. <i>PLoS ONE</i> , <b>2014</b> , 9, e95287	3.7	13
29	Temperature Dependant Mixed Micellization Behavior of a Drug-AOT Mixture in an Aqueous Medium. <i>Wuli Huaxue Xuebao/Acta Physico-Chimica Sinica</i> , <b>2014</b> , 30, 699-707	3.8	37
28	Sol-gel synthesis and characterization of conducting polythiophene/tin phosphate nano tetrapod composite cation-exchanger and its application as Hg(II) selective membrane electrode. <i>Journal of Sol-Gel Science and Technology</i> , <b>2013</b> , 65, 160-169	2.3	31
27	Effect of anionic surfactant sodium dodecyl sulfate on the reaction of hexacyanoferrate(III) oxidation of levothyroxine in aqueous medium: a kinetic and mechanistic approach. <i>Research on Chemical Intermediates</i> , <b>2013</b> , 39, 2379-2389	2.8	3
26	Acetone sensor based on solvothermally prepared ZnO doped with CoO nanorods. <i>Mikrochimica Acta</i> , <b>2013</b> , 180, 675-685	5.8	60
25	Amphiphilic antidepressant drug amitriptyline hydrochloride under the influence of ionic and nonionic hydrotropes; micellization and phase separation. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2013</b> , 19, 1774-1780	6.3	20

24	Aggregation and phase separation behavior of an amphiphilic drug promazine hydrochloride under the influence of inorganic salts and ureas. <i>Thermochimica Acta</i> , <b>2013</b> , 574, 26-37	2.9	19
23	Interaction of the Amphiphilic Drug Amitriptyline Hydrochloride with Gemini and Conventional Surfactants: A Physicochemical Approach. <i>Journal of Solution Chemistry</i> , <b>2013</b> , 42, 1532-1544	1.8	20
22	Mixed micellization of gemini surfactant with nonionic surfactant in aqueous media: a fluorometric study. <i>Colloid Journal</i> , <b>2013</b> , 75, 235-240	1.1	19
21	Synthesis, characterization of silver nanoparticle embedded polyaniline tungstophosphate-nanocomposite cation exchanger and its application for heavy metal selective membrane. <i>Composites Part B: Engineering</i> , <b>2013</b> , 45, 1486-1492	10	75
20	Aggregation behaviour of amphiphilic drug and bile salt mixtures at different compositions and temperatures. <i>Journal of Chemical Thermodynamics</i> , <b>2013</b> , 64, 28-39	2.9	43
19	A new trend on biosensor for neurotransmitter choline/acetylcholine--an overview. <i>Applied Biochemistry and Biotechnology</i> , <b>2013</b> , 169, 1927-39	3.2	16
18	Analysis of Mixed Micellar Behavior of Promazine Hydrochloride with Surfactants in Aqueous Medium at Different Temperatures and Compositions. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2013</b> , 1304220002146009	3.1	14
17	Investigation of Micellar and Phase Separation Phenomenon of the Amphiphilic Drug Amitriptyline Hydrochloride with Cationic Hydrotropes. <i>Journal of Solution Chemistry</i> , <b>2013</b> , 42, 390-411	1.8	21
16	Mechanistic investigation of the oxidation of Cefuroxime by hexacyanoferrate(III) in alkaline conditions. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2013</b> , 19, 595-600	6.3	12
15	Clouding Behavior of Amphiphilic Drug Clomipramine Hydrochloride with Pharmaceutical Excipients. <i>Tenside, Surfactants, Detergents</i> , <b>2013</b> , 50, 376-384	1	14
14	Large-scale Synthesis of Low-dimension Un-doped Iron Oxide Nanoparticles by a Wet-Chemical Method: Efficient Photo-catalyst & Sensitive Chemi-sensor Applications. <i>Micro and Nanosystems</i> , <b>2013</b> , 5, 3-13	0.6	4
13	Hydrothermally Preparation and Characterization of Un-doped Manganese Oxide Nanostructures: Efficient Photocatalysis and Chemical Sensing Applications. <i>Micro and Nanosystems</i> , <b>2013</b> , 5, 22-28	0.6	7
12	Fabrication of Ethanol Chemical Sensors Based on As-Prepared Gd <sub>2</sub> O <sub>3</sub> Nanorods by Facile Hydrothermal Routes. <i>Journal of Colloid Science and Biotechnology</i> , <b>2013</b> , 2, 322-327		7
11	Physico-Chemical Investigations of Mixed Micelles of Cationic Gemini and Conventional Surfactants: a Conductometric Study. <i>Journal of Surfactants and Detergents</i> , <b>2012</b> , 16, 77	1.9	1
10	Organic additives and pharmaceutical excipients as cloud point modifiers in amitriptyline hydrochloride solutions. <i>Journal of Molecular Liquids</i> , <b>2012</b> , 172, 59-65	6	14
9	Kinetics and Mechanistic Investigation of Decarboxylation for the Oxidation of Levofloxacin by Chloroamine-T in Acidic Medium. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2012</b> , 51, 4819-4824	3.9	24
8	Effect of Organic Additives on the Phase Separation Phenomenon of Amphiphilic Drug Solutions. <i>Journal of Surfactants and Detergents</i> , <b>2012</b> , 15, 765-775	1.9	14
7	Effect of Neutral Polymer on Critical Micelle Concentration of Cationic Gemini Surfactants in Aqueous Solutions. <i>Journal of Dispersion Science and Technology</i> , <b>2012</b> , 33, 1509-1513	1.5	4



6	Conductometric and Fluorimetric Investigations on the Properties of Mixed Micelles of Two Cationic Gemini Surfactants. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2010</b> , 55, 4746-4751	2.8	9
5	Synergistic Interactions in Mixed Micelles of Cationic 14-s-14 Gemini with Conventional Surfactants: Spacer and Counterion Effects. <i>Wuli Huaxue Xuebao/Acta Physico - Chimica Sinica</i> , <b>2010</b> , 26, 1565-1569	3.8	9
4	Properties of Mixed Aqueous Micellar Solutions Formed by Cationic Alkanediyl-bis(tetradecyldimethylammonium bromide) and Alkyltrimethylammonium Bromides: Fluorescence and Conductivity Studies <i>Journal of Chemical &amp; Engineering Data</i> , <b>2009</b> , 54, 1518-1523	2.8	45
3	Mixing Behavior of Conventional and Gemini Cationic Surfactants. <i>Journal of Dispersion Science and Technology</i> , <b>2008</b> , 29, 711-717	1.5	20
2	Studies of mixed micelle formation between cationic gemini and cationic conventional surfactants. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 328, 429-35	9.3	64
1	Synergistic Behavior of Mixed Monolayer/Mixed Micelle Formation between Cationic Monomeric and Dimeric Surfactants with PEO-PPO-PEO Triblock Copolymer. <i>International Journal of Electrochemical Science</i> , 2090-2101	2.2	3