Naved Azum

List of Publications by Year
in descending order

142	4,188	87723	138251
papers	citations	38 h-index	58 g-index

142	142	142	1646
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Binary Mixtures of Sodium Salt of Ibuprofen and Selected Bile Salts: Interface, Micellar, Thermodynamic, and Spectroscopic Study. Journal of Chemical & Engineering Data, 2017, 62, 3216-3228.	1.0	146
2	Aggregation of sodium salt of ibuprofen and sodium taurocholate mixture in different media: A tensiometry and fluorometry study. Journal of Chemical Thermodynamics, 2018, 121, 199-210.	1.0	146
3	Aggregation behavior of sodium salt of ibuprofen with conventional and gemini surfactant. Journal of Molecular Liquids, 2018, 262, 86-96.	2.3	136
4	Mixed micellization study of ibuprofen (sodium salt) and cationic surfactant (conventional as well as) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	134
5	Tensiometric, fluorescence and 1 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. Journal of Chemical Thermodynamics, 2016, 96, 196-207.	1.0	132
6	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. Journal of Molecular Liquids, 2016, 218, 595-603.	2.3	101
7	Mixtures of antidepressant amphiphilic drug imipramine hydrochloride and anionic surfactant: Micellar and thermodynamic investigation. Journal of Physical Organic Chemistry, 2018, 31, e3812.	0.9	97
8	Micellar and interfacial properties of amphiphilic drugâ€“non-ionic surfactants mixed systems: Surface tension, fluorescence and UVâ€“vis studies. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 522, 183-192.	2.3	96
9	Bile saltâ€“bile salt interaction in mixed monolayer and mixed micelle formation. Journal of Chemical Thermodynamics, 2019, 128, 406-414.	1.0	83
10	Synthesis, characterization of silver nanoparticle embedded polyaniline tungstophosphate-nanocomposite cation exchanger and its application for heavy metal selective membrane. Composites Part B: Engineering, 2013, 45, 1486-1492.	5.9	81
11	Surface, micellar, and thermodynamic properties of antidepressant drug nortriptyline hydrochloride with TX-114 in aqueous/urea solutions. Journal of Physical Organic Chemistry, 2017, 30, e3676.	0.9	79
12	Interaction of an Amphiphilic Drug and Sodium Bis(2-ethylhexyl)sulfosuccinate at Low Concentrations in the Absence and Presence of Sodium Chloride. Journal of Solution Chemistry, 2015, 44, 1937-1961.	0.6	76
13	Discovery of Hordenine as a Potential Inhibitor of Pyruvate Dehydrogenase Kinase 3: Implication in Lung Cancer Therapy. Biomedicines, 2020, 8, 119.	1.4	76
14	Self-association and micro-environmental properties of sodium salt of ibuprofen with BRIJ-56 under the influence of aqueous/urea solution. Journal of Dispersion Science and Technology, 2017, 38, 96-104.	1.3	75
15	Micellization and Interfacial Behavior of the Sodium Salt of Ibuprofenâ€“BRIJ-58 in Aqueous/Brine Solutions. Journal of Solution Chemistry, 2016, 45, 791-803.	0.6	74
16	Antidepressant drug amitriptyline hydrochloride (AMT) interaction with anionic surfactant sodium dodecyl sulfate in aqueous/brine/urea solutions at different temperatures. Journal of Molecular Liquids, 2016, 222, 1020-1030.	2.3	72
17	Acetone sensor based on solvothermally prepared ZnO doped with Co3O4 nanorods. Mikrochimica Acta, 2013, 180, 675-685.	2.5	71
18	Experimental and theoretical approach to mixed surfactant system of cationic gemini surfactant with nonionic surfactant in aqueous medium. Journal of Molecular Liquids, 2014, 196, 14-20.	2.3	69

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19	Studies of mixed micelle formation between cationic gemini and cationic conventional surfactants. Journal of Colloid and Interface Science, 2008, 328, 429-435.	5.0	68
20	Micellization and interfacial behavior of binary and ternary mixtures in aqueous medium. Journal of Molecular Liquids, 2016, 216, 94-98.	2.3	68
21	Interaction between antidepressant drug and anionic surfactant in low concentration range in aqueous/salt/urea solution: A conductometric and fluorometric study. Journal of Molecular Liquids, 2017, 227, 1-14.	2.3	67
22	Interaction of antipsychotic drug with novel surfactants: Micellization and binding studies. Chinese Journal of Chemical Engineering, 2018, 26, 566-573.	1.7	66
23	Analysis of surface and bulk properties of amphiphilic drug ibuprofen and surfactant mixture in the absence and presence of electrolyte. Colloids and Surfaces B: Biointerfaces, 2014, 121, 158-164.	2.5	64
24	Energetics of Clouding Phenomenon in Amphiphilic Drug Imipramine Hydrochloride with Pharmaceutical Excipients. Pharmaceutical Chemistry Journal, 2014, 48, 201-208.	0.3	63
25	Study of the Interaction Between Promazine Hydrochloride and Surfactant (Conventional/Gemini) Mixtures at Different Temperatures. Journal of Solution Chemistry, 2014, 43, 930-949.	0.6	63
26	Micellization behavior of amphiphilic drug promazine hydrochloride and sodium dodecyl sulfate mixtures at various temperatures: Effect of electrolyte and urea. Journal of Molecular Liquids, 2015, 212, 532-543.	2.3	62
27	Interaction of triblock-copolymer with cationic gemini and conventional surfactants: A physicochemical study. Journal of Dispersion Science and Technology, 2017, 38, 1785-1791.	1.3	60
28	Multi-technique approach towards amphiphilic drug-surfactant interaction: A physicochemical study. Journal of Molecular Liquids, 2017, 240, 189-195.	2.3	59
29	Micellization and microstructural studies between amphiphilic drug ibuprofen with non-ionic surfactant in aqueous urea solution. Journal of Chemical Thermodynamics, 2014, 74, 91-102.	1.0	57
30	Influence of antidepressant clomipramine hydrochloride drug on human serum albumin: Spectroscopic study. Journal of Molecular Liquids, 2017, 241, 91-98.	2.3	57
31	Physicochemical Properties of Amphiphilic Drug and Anionic Surfactant Mixtures: Experimental and Theoretical Approach. Journal of Dispersion Science and Technology, 2015, 36, 521-531.	1.3	51
32	Self-association behavior of an amphiphilic drug nortriptyline hydrochloride under the influence of inorganic salts. Russian Journal of Physical Chemistry B, 2016, 10, 1007-1013.	0.2	51
33	Aggregation behaviour of amphiphilic drug and bile salt mixtures at different compositions and temperatures. Journal of Chemical Thermodynamics, 2013, 64, 28-39.	1.0	49
34	Investigation of aggregation behavior of ibuprofen sodium drug under the influence of gelatin protein and salt. Journal of Molecular Liquids, 2019, 290, 111187.	2.3	48
35	Conductometric and molecular dynamics studies of the aggregation behavior of sodium dodecyl sulfate (SDS) and cetyltrimethylammonium bromide (CTAB) in aqueous and electrolytes solution. Journal of Molecular Liquids, 2019, 283, 263-275.	2.3	48
36	Properties of Mixed Aqueous Micellar Solutions Formed by Cationic Alkanediyl-Î±,Ï‰-bis(tetradecyldimethylammonium bromide) and Alkyltrimethylammonium Bromides: Fluorescence and Conductivity Studies. Journal of Chemical & Engineering Data, 2009, 54, 1518-1523.	1.0	47

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37	Synergistic effect of an antipsychotic drug chlorpromazine hydrochloride with pluronic triblock copolymer: A physicochemical study. Journal of Molecular Liquids, 2018, 260, 159-165.	2.3	44
38	Temperature Dependant Mixed Micellization Behavior of a Drug-AOT Mixture in an Aqueous Medium. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2014, 30, 699-707.	2.2	43
39	Dual nature, self oxidized poly(o-anisidine) functionalized multiwall carbon nanotubes composite: Preparation, thermal and electrical studies. Composites Part B: Engineering, 2014, 58, 451-456.	5.9	38
40	Facile synthesis of doped ZnO-CdO nanoblocks as solid-phase adsorbent and efficient solar photo-catalyst applications. Journal of Industrial and Engineering Chemistry, 2014, 20, 2278-2286.	2.9	34
41	Investigation of micellar and phase separation phenomenon of phenothiazine drug promazine hydrochloride with anionic hydrotropes. Journal of Industrial and Engineering Chemistry, 2014, 20, 2023-2034.	2.9	34
42	Effect of gelatin on micellization and microstructural behavior of amphiphilic amitriptyline hydrochloride drug solution: A detailed study. Journal of Chemical Thermodynamics, 2015, 89, 112-122.	1.0	34
43	Solâ€“gel synthesis and characterization of conducting polythiophene/tin phosphate nano tetrapod composite cation-exchanger and its application as Hg(II) selective membrane electrode. Journal of Sol-Gel Science and Technology, 2013, 65, 160-169.	1.1	32
44	Solution properties of phenothiazine drug promazine hydrochloride with cationic hydrotropes in aqueous/electrolyte solution at different temperature. Journal of Physical Organic Chemistry, 2016, 29, 476-489.	0.9	29
45	Thermodynamic properties of ibuprofen sodium salt in aqueous/urea micellar solutions at 298.15 K. Russian Journal of Physical Chemistry A, 2017, 91, 685-691.	0.1	29
46	Self-Aggregation Phenomenon of Promazine Hydrochloride Under the Influence of Sodium Cholate/Sodium Deoxycholate in Aqueous Medium. Journal of Dispersion Science and Technology, 2016, 37, 450-463.	1.3	27
47	Clouding phenomenon of amphiphilic drug promazine hydrochloride solutions: Influence of pharmaceutical excipients. Journal of Industrial and Engineering Chemistry, 2015, 21, 1119-1126.	2.9	26
48	Impact of numerous media on association, interfacial, and thermodynamic properties of promethazine hydrochloride (PMT)Â+Âbenzethonium chloride (BTC) mixture of various composition. Journal of Molecular Liquids, 2022, 346, 118287.	2.3	26
49	Kinetics and Mechanistic Investigation of Decarboxylation for the Oxidation of Levofloxacin by Chloroamine-T in Acidic Medium. Industrial & Engineering Chemistry Research, 2012, 51, 4819-4824.	1.8	25
50	Interaction of the Amphiphilic Drug Amitriptyline Hydrochloride with Gemini and Conventional Surfactants: A Physicochemical Approach. Journal of Solution Chemistry, 2013, 42, 1532-1544.	0.6	24
51	Mixing Behavior of Conventional and Gemini Cationic Surfactants. Journal of Dispersion Science and Technology, 2008, 29, 711-717.	1.3	23
52	Investigation of Micellar and Phase Separation Phenomenon of the Amphiphilic Drug Amitriptyline Hydrochloride with Cationic Hydrotropes. Journal of Solution Chemistry, 2013, 42, 390-411.	0.6	23
53	Study of the interactions in dicationic geminiâ€“anionic conventional mixed surfactant systems in the viewpoint of regular solution theory. Journal of Molecular Liquids, 2014, 197, 339-345.	2.3	23
54	Amphiphilic antidepressant drug amitriptyline hydrochloride under the influence of ionic and nonionic hydrotropes; micellization and phase separation. Journal of Industrial and Engineering Chemistry, 2013, 19, 1774-1780.	2.9	22

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55	Mixed micellization of gemini surfactant with nonionic surfactant in aqueous media: a fluorometric study. Colloid Journal, 2013, 75, 235-240.	0.5	22
56	A New Trend on Biosensor for Neurotransmitter Choline/Acetylcholineâ€"an Overview. Applied Biochemistry and Biotechnology, 2013, 169, 1927-1939.	1.4	21
57	Self-Aggregation of Cationic Dimeric and Anionic Monomeric Surfactants with Nonionic Surfactant in Aqueous Medium. Journal of Dispersion Science and Technology, 2014, 35, 358-363.	1.3	21
58	Kinetic study of the metal-dipeptide complex with ninhydrin facilitated by gemini (m-s-m) surfactant micelles. Scientific Reports, 2020, 10, 4088.	1.6	20
59	Spectroscopic, Structural, DFT and Molecular Docking Studies on Novel Cocrystal Salt Hydrate of Chromotropic Acid and Its Antibiofilm Activity. Arabian Journal for Science and Engineering, 2021, 46, 353-364.	1.7	20
60	Organic additives and pharmaceutical excipients as cloud point modifiers in amitriptyline hydrochloride solutions. Journal of Molecular Liquids, 2012, 172, 59-65.	2.3	19
61	Aggregation and phase separation behavior of an amphiphilic drug promazine hydrochloride under the influence of inorganic salts and ureas. Thermochimica Acta, 2013, 574, 26-37.	1.2	19
62	Conjugated mesoporous polyazobenzeneâ€"Pd(II) composite: A potential catalyst for visible-light-induced Sonogashira coupling. Journal of Catalysis, 2019, 377, 183-189.	3.1	19
63	Interactions between promethazine hydrochloride drug and sodium benzoate hydrotrope mixtures in various solvent media at different temperatures. Journal of Molecular Liquids, 2021, 325, 115188.	2.3	19
64	Temperature Gradient Measurements by Using Thermoelectric Effect in CNTs-Silicone Adhesive Composite. PLoS ONE, 2014, 9, e95287.	1.1	19
65	Micellization behavior of mixtures of amphiphilic promazine hydrochloride and cationic aniline hydrochloride in aqueous and electrolyte solutions. Korean Journal of Chemical Engineering, 2015, 32, 2142-2152.	1.2	18
66	Interfacial and spectroscopic behavior of phenothiazine drug/bile salt mixture in urea solution. Chemical Papers, 2021, 75, 3949-3956.	1.0	18
67	Clouding Behavior of Amphiphilic Drug Clomipramine Hydrochloride with Pharmaceutical Excipients. Tenside, Surfactants, Detergents, 2013, 50, 376-384.	0.5	17
68	Applied poly(2-methoxy aniline) Sn(II)silicate carbon nanotubes composite: Synthesis, characterization, structureâ€"property relationships and applications. Journal of Industrial and Engineering Chemistry, 2014, 20, 2301-2309.	2.9	17
69	A new way of synthesis nanohybrid cation-exchanger applicable for membrane electrode. Polymer Composites, 2014, 35, 1436-1443.	2.3	16
70	Aggregation behavior of cetyltrimethylammonium bromide and tetradecyltrimethylammonium bromide in aqueous/urea solution at different temperatures: Experimental and theoretical investigation. Journal of Molecular Liquids, 2019, 285, 766-777.	2.3	16
71	Effect of urea/salt on aggregation and interfacial behavior of ibuprofen sodium salt (NaIB) drug and TX-45 mixtures. Journal of Molecular Liquids, 2020, 311, 113316.	2.3	16
72	Interaction of Diphenhydramine Hydrochloride with Cationic and Anionic Surfactants: Mixed Micellization and Binding Studies. Polymers, 2021, 13, 1214.	2.0	16

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73	Interaction of TX-100 and Antidepressant Imipramine Hydrochloride Drug Mixture: Surface Tension, 1H NMR, and FT-IR Investigation. Gels, 2022, 8, 159.	2.1	16
74	Inhibition of PDK3 by artemisinin, a repurposed antimalarial drug in cancer therapy. Journal of Molecular Liquids, 2022, 355, 118928.	2.3	16
75	Effect of salt and urea on complexation behavior of pharmaceutical excipient gelatin with phenothiazine drug promazine hydrochloride. Journal of Molecular Liquids, 2015, 208, 84-91.	2.3	15
76	Lactoperoxidase immobilization on silver nanoparticles enhances its antimicrobial activity. Journal of Dairy Research, 2018, 85, 460-464.	0.7	15
77	An Insight View on Synthetic Protocol, Surface Activity, and Biological Aspects of Novel Biocompatible Quaternary Ammonium Cationic Gemini Surfactants. Journal of Surfactants and Detergents, 2021, 24, 35-49.	1.0	15
78	Extraction of Microcrystalline Cellulose from Washingtonia Fibre and Its Characterization. Polymers, 2021, 13, 3030.	2.0	15
79	Aggregational behaviour of promethazine hydrochloride and TX-45 surfactant mixtures: A multi-techniques approach. Journal of Molecular Liquids, 2021, 342, 117558.	2.3	15
80	Impact on micellization between promethazine hydrochloride and ester bonded gemini surfactant in distinct solvents: A multi-faceted procedure. Journal of Molecular Liquids, 2021, 342, 117477.	2.3	15
81	Investigation of Solution Behavior of Antidepressant Imipramine Hydrochloride Drug and Non-Ionic Surfactant Mixture: Experimental and Theoretical Study. Polymers, 2021, 13, 4025.	2.0	15
82	Effect of Organic Additives on the Phase Separation Phenomenon of Amphiphilic Drug Solutions. Journal of Surfactants and Detergents, 2012, 15, 765-775.	1.0	14
83	Mechanistic investigation of the oxidation of Cefuroxime by hexacyanoferrate(III) in alkaline conditions. Journal of Industrial and Engineering Chemistry, 2013, 19, 595-600.	2.9	14
84	Facial synthesis of highly active polymer vanadium molybdate nanocomposite: Improved thermoelectric and antimicrobial studies. Journal of Physics and Chemistry of Solids, 2019, 131, 148-155.	1.9	14
85	Mechanistic insights into the urea-induced denaturation of human sphingosine kinase 1. International Journal of Biological Macromolecules, 2020, 161, 1496-1505.	3.6	14
86	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. Journal of Molecular Liquids, 2022, 346, 117109.	2.3	14
87	Conductometric and Fluorimetric Investigations on the Properties of Mixed Micelles of Two Cationic Gemini Surfactants. Journal of Chemical & Engineering Data, 2010, 55, 4746-4751.	1.0	13
88	Micellar and spectroscopic studies of amphiphilic drug with nonionic surfactant in the presence of ionic liquids. Journal of Molecular Liquids, 2020, 315, 113732.	2.3	13
89	Micro concentrations of Ru(III) used as homogenous catalyst in the oxidation of levothyroxine by N-bromosuccinimide and the mechanistic pathway. Journal of the Taiwan Institute of Chemical Engineers, 2014, 45, 127-133.	2.7	12
90	Micellization phenomena of amphiphilic drug and TX-100 mixtures: Fluorescence, UV-visible and 1H NMR study. Journal of the Taiwan Institute of Chemical Engineers, 2016, 60, 32-43.	2.7	12

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91	Aggregation and surface phenomena of amitriptyline hydrochloride and cationic benzethonium chloride surfactant mixture in different media. Journal of Molecular Liquids, 2020, 300, 112346.	2.3	12
92	Association behavior of the amphiphilic drug and sodium p-toluenesulfonate mixtures: Effect of additives. Journal of Molecular Liquids, 2021, 325, 114654.	2.3	12
93	Micellization behavior of bile salt with pluronic (Fâ€127) and synthesis of silver nanoparticles in a mixed system. Journal of Physical Organic Chemistry, 2019, 32, e3964.	0.9	11
94	Synergistic interaction between anti-allergic drug and cationic/anionic surfactantsâ€“Experimental and theoretical analysis. Journal of Saudi Chemical Society, 2020, 24, 683-692.	2.4	11
95	Mixed Micellization and Spectroscopic Studies of Anti-Allergic Drug and Non-Ionic Surfactant in the Presence of Ionic Liquid. Polymers, 2021, 13, 2756.	2.0	11
96	Aggregation and microenvironmental properties of gemini and conventional mixed surfactants systems: A fluorometric study. Russian Journal of Physical Chemistry B, 2015, 9, 940-945.	0.2	10
97	Thermodynamic aspects of polymerâ€“surfactant interactions: Gemini (16-5-16)-PVP-water system. Arabian Journal of Chemistry, 2016, 9, S1660-S1664.	2.3	10
98	Synergistic Interactions in Mixed Micelles of Cationic 14-s-14 Gemini with Conventional Surfactants: Spacer and Counterion Effects. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2010, 26, 1565-1569.	2.2	10
99	The assembly of amitriptyline hydrochlorideÂ+Âtriton X-45 (non-ionic surfactant) mixtures: Effects of simple salt and urea. Journal of Molecular Liquids, 2022, 356, 118997.	2.3	10
100	Inhibiting Cyclin-Dependent Kinase 6 by Taurine: Implications in Anticancer Therapeutics. ACS Omega, 2022, 7, 25844-25852.	1.6	10
101	Hydrothermally Preparation and Characterization of Un-doped Manganese Oxide Nanostructures: Efficient Photocatalysis and Chemical Sensing Applications. Micro and Nanosystems, 2013, 5, 22-28.	0.3	9
102	Preparation, Electrical Conductivity, and Thermal Studies on Silver Doped Polyaniline Phosphotungstate Nanocomposite. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 1526-1530.	0.6	9
103	Physicoâ€Chemical Investigations of Mixed Micelles of Cationic Gemini and Conventional Surfactants: a Conductometric Study. Journal of Surfactants and Detergents, 2013, 16, 77-84.	1.0	8
104	Fabrication of Ethanol Chemical Sensors Based on As-Prepared Gd₂O₃ Nanorods by Facile Hydrothermal Routes. Journal of Colloid Science and Biotechnology, 2013, 2, 322-327.	0.2	8
105	Synthesis and Characterization of Microwave-Assisted Copolymer Membranes of Poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 350.	2.0	8
106	Influences of NaCl and Na2SO4 on the Micellization Behavior of the Mixture of Cetylpyridinium Chloride + Polyvinyl Pyrrolidone at Several Temperatures. Gels, 2022, 8, 62.	2.1	8
107	Synergistic Interaction and Binding Efficiency of Tetracaine Hydrochloride (Anesthetic Drug) with Anionic Surfactants in the Presence of NaCl Solution Using Surface Tension and UVâ€“Visible Spectroscopic Methods. Gels, 2022, 8, 234.	2.1	8
108	Mixed Micellization, Thermodynamic and Adsorption Behavior of Tetracaine Hydrochloride in the Presence of Cationic Gemini/Conventional Surfactants. Gels, 2022, 8, 128.	2.1	7

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109	Influence of Additives and Temperature on the Interaction of Acid Red 151 Dye with Cetyltrimethylammonium Bromide: A Conductometric Study. Journal of Surfactants and Detergents, 2020, 23, 903.	1.0	6
110	Effect of Neutral Polymer on Critical Micelle Concentration of Cationic Gemini Surfactants in Aqueous Solutions. Journal of Dispersion Science and Technology, 2012, 33, 1509-1513.	1.3	5
111	Effect of anionic surfactant sodium dodecyl sulfate on the reaction of hexacyanoferrate(III) oxidation of levothyroxine in aqueous medium: a kinetic and mechanistic approach. Research on Chemical Intermediates, 2013, 39, 2379-2389.	1.3	5
112	Large-scale Synthesis of Low-dimension Un-doped Iron Oxide Nanoparticles by a Wet-Chemical Method: Efficient Photo-catalyst & Sensitive Chemi-sensor Applications. Micro and Nanosystems, 2013, 5, 3-13.	0.3	5
113	Aggregation and Phase Separation Phenomenon of Amitriptyline Hydrochloride Under the Influence of Pharmaceutical Excipients. Journal of Surfactants and Detergents, 2014, 17, 37-48.	1.0	5
114	Complexation behavior of mixed monolayer/mixed micelle formation between cationic noble surfactant-nonionic conventional surfactant in the presence of biocompatible polymer. Journal of Molecular Liquids, 2014, 199, 495-500.	2.3	5
115	Micellization of Amphiphilic Drug with Pharmaceutical Excipients in Aqueous Electrolytic Solution: Composition, Interaction, and Stability of the Aggregates. Journal of Dispersion Science and Technology, 2014, 35, 1588-1598.	1.3	5
116	Influence of additives (inorganic/organic) on the clouding behavior of amphiphilic drug solutions: Some thermodynamic studies. Journal of Saudi Chemical Society, 2015, 19, 292-300.	2.4	5
117	Ï€-Conjugated donor-acceptor small molecule thin-films on gold electrodes for reducing the metal work-function. Thin Solid Films, 2016, 616, 320-327.	0.8	5
118	Analysis of Mixed Micellar Behavior of Promazine Hydrochloride with Surfactants in Aqueous Medium at Different Temperatures and Compositions. Zeitschrift Fur Physikalische Chemie, 2013, 227, 1671-1686.	1.4	4
119	Mechanistic Investigation of Osmium(VIII) Catalyzed Oxidation of Glutamic Acid With Sodium Salt of N-Chloro 4-Methylbenzenesulfonamide in Aqueous Media: A Practical Approach. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 10-18.	0.6	4
120	Effect of Sodium Dodecylbenzenesulfonate on the Association Behavior of Promethazine Hydrochloride in Aqueous/Electrolyte Solutions at Different Temperatures. Journal of Solution Chemistry, 2017, 46, 862-885.	0.6	4
121	Aggregation Behavior of Antipsychotic Drug under the Influence of Bile Salt in Aqueous/Urea Solution. Journal of Oleo Science, 2020, 69, 327-335.	0.6	4
122	Effect of low levels of hydrotropes on micellization of phenothiazine drug. Korean Journal of Chemical Engineering, 2021, 38, 386-399.	1.2	4
123	Interactions between Anionic Polyacrylamide and Cationic Gemini/Conventional Surfactants. Journal of Surfactants and Detergents, 2021, 24, 761-771.	1.0	4
124	Study of the base-catalysed oxidation of the anti-bacterial and anti-protozoal agent metronidazole by permanganate ion in alkaline medium. Research on Chemical Intermediates, 2014, 40, 1703-1714.	1.3	3
125	Association behavior of bile salts binary mixtures in an aqueous system: A tensiometric and fluorometric study. Journal of Physical Organic Chemistry, 2020, 33, e4015.	0.9	3
126	Effect of Temperature and Additives on the Interaction of Ciprofloxacin Hydrochloride Drug with Polyvinylpyrrolidone and Bovine Serum Albumin: Spectroscopic and Molecular Docking Study. Journal of Oleo Science, 2021, 70, 397-407.	0.6	3

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127	Synergistic Behavior of Mixed Monolayer/Mixed Micelle Formation between Cationic Monomeric and Dimeric Surfactants with PEO-PPO-PEO Triblock Copolymer. International Journal of Electrochemical Science, 2018, 13, 2090-2101.	0.5	3
128	Crystal Structure and Electrochemical Properties of 1-(4- bromophenyl)-ferrocene-prop-2-en-1-one and 1-(3-(4- bromophenyl)-5-(ferrocene)-4.5-dihydropyrazol-1-yl) ethenone. International Journal of Electrochemical Science, 2019, , 8355-8370.	0.5	2
129	Effect of Novel Surfactant on the Growth Kinetics of Cobalt Nanoparticles. Tenside, Surfactants, Detergents, 2017, 54, 448-452.	0.5	2
130	The complexation of levofloxacin hemihydrate with divalent metal ions in aqueous medium at variable temperatures: Combined UVâ€“Visible spectroscopic and DFT studies. Journal of Molecular Liquids, 2021, 344, 117916.	2.3	2
131	Delineating solvation behaviour and molecular interactions within ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborateÂ+Âethylene glycol monomethyl ether solutions. Fluid Phase Equilibria, 2022, 557, 113421.	1.4	2
132	Kinetic Behavior of Cobalt Nanoparticles Facilitated by Cationic Surfactant. Chemical Engineering Communications, 2016, 203, 446-451.	1.5	1
133	Unravelling the unfolding pathway of human Fas-activated serine/threonine kinase induced by urea. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5516-5525.	2.0	1
134	Influence of additive on the aggregation behavior of drug and cationic hydrotrope aniline hydrochloride mixtures: a physicochemical assessment. Journal of Physical Organic Chemistry, 2021, 34, .	0.9	1
135	Evaluation of PPC Based Nanocomposite for Biomedical and Food Packaging Applications. Micro and Nanosystems, 2013, 5, 55-60.	0.3	1
136	Self-Assembly, Interfacial, and Thermodynamic Properties of Antipsychotic Drug with Bile Salt in Water/Salt Solutions. Tenside, Surfactants, Detergents, 2020, 57, 252-258.	0.5	1
137	Effects of Polymeric Surfactant on the Self-Assembly of Bile salts. International Journal of Electrochemical Science, 2020, 15, 12380-12394.	0.5	1
138	Chemo-enzymatic functionalized sustainable cellulosic membranes: Impact of regional selectivity on ions capture and antifouling behavior. Carbohydrate Polymers, 2022, 278, 118937.	5.1	1
139	Solâ€“Gel Co-Precipitation Synthesis, Anticoagulant and Anti-Platelet Activities of Copper-Doped Nickel Manganite Nanoparticles. Gels, 2021, 7, 269.	2.1	1
140	Modulation of Aggregation Behaviour of Amphiphlic Drug and Surfactant Mixture under the Influence of Neutral Polymer. Asian Journal of Chemistry, 2014, 26, 6023-6028.	0.1	0
141	Non-similar characteristics of mixed convective slip flow over a wedge with temperature-dependent thermo-physical properties. Modern Physics Letters B, 2019, 33, 1950455.	1.0	0
142	Self-healing of polymer materials and their composites. , 2020, , 103-121.		0