

Malik Abdul Rub

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.

259
papers

7,050
citations

48
h-index

67
g-index

272
ext. papers

7,990
ext. citations

3.8
avg, IF

7.03
L-index

#	Paper	IF	Citations
259	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> , 2022 , 346, 118287	6	4
258	Influences of NaCl and NaSO on the Micellization Behavior of the Mixture of Cetylpyridinium Chloride + Polyvinyl Pyrrolidone at Several Temperatures.. <i>Gels</i> , 2022 , 8,	4.2	1
257	UV-Visible spectroscopic and DFT studies of the binding of ciprofloxacin hydrochloride antibiotic drug with metal ions at numerous temperatures. <i>Korean Journal of Chemical Engineering</i> , 2022 , 39, 664	2.8	1
256	A UV-visible and conductometric studies on the analyses of valine and ninhydrin reaction in aqueous-surfactant solutions of dicationic geminis (n-s-n type). <i>Journal of Molecular Liquids</i> , 2022 , 350, 118587	6	1
255	Spectroscopic and DFT studies of the charge transfer complexation of iodine with aniline and its derivatives in carbon tetrachloride medium. <i>Journal of Molecular Liquids</i> , 2022 , 351, 118667	6	1
254	Aggregation and thermodynamic study of bovine serum albumin + cationic surfactant mixture in short chain alcoholic media: Effect of composition and temperature. <i>Journal of Saudi Chemical Society</i> , 2022 , 26, 101451	4.3	0
253	Clouding and thermodynamic behavior of the triton X-100 + metformin hydrochloride drug mixture: Investigation of the impacts of potassium salts. <i>Journal of Molecular Liquids</i> , 2022 , 354, 118853	6	2
252	The assembly of amitriptyline hydrochloride + Triton X-45 (non-ionic surfactant) mixtures: Effects of simple salt and urea. <i>Journal of Molecular Liquids</i> , 2022 , 356, 118997	6	0
251	Phase separation and conductivity studies on the interaction of promethazine hydrochloride drug with cationic and nonionic surfactants: influences of salts and temperature. <i>Journal of Molecular Liquids</i> , 2022 , 119325	6	2
250	Catalytic impact of twin headed geminis in study of ninhydrin with aspartic acid in an acetate buffer system. <i>Journal of Molecular Liquids</i> , 2022 , 359, 119324	6	1
249	Catalytic impacts of cationic twin headed and tailed gemini surfactants toward study of glycine and ninhydrin in sodium acetate-acetic acid buffer system. <i>Journal of Molecular Liquids</i> , 2022 , 360, 119442	6	0
248	Investigation of Solution Behavior of Antidepressant Imipramine Hydrochloride Drug and Non-Ionic Surfactant Mixture: Experimental and Theoretical Study. <i>Polymers</i> , 2021 , 13,	4.5	2
247	The complexation of levofloxacin hemihydrate with divalent metal ions in aqueous medium at variable temperatures: Combined UV-visible spectroscopic and DFT studies. <i>Journal of Molecular Liquids</i> , 2021 , 344, 117916	6	0
246	Spectroscopic and Conductometric Analyses of Ninhydrin and Threonine Reaction in Double-Headed Geminis. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 14977-14984	3.9	8
245	Micellization, interaction and thermodynamics behavior of BSA + SDS mixture in aqua-organic mixed solvent: Influences of temperature and solvent composition. <i>Journal of Molecular Liquids</i> , 2021 , 344, 117770	6	2
244	Interactions between promethazine hydrochloride drug and sodium benzoate hydrotrope mixtures in various solvent media at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 325, 115188	6	5
243	Association behavior of the amphiphilic drug and sodium p-toluenesulfonate mixtures: Effect of additives. <i>Journal of Molecular Liquids</i> , 2021 , 325, 114654	6	3

242	Interaction of Diphenhydramine Hydrochloride with Cationic and Anionic Surfactants: Mixed Micellization and Binding Studies. <i>Polymers</i> , 2021 , 13,	4.5	5
241	Interfacial and spectroscopic behavior of phenothiazine drug/bile salt mixture in urea solution. <i>Chemical Papers</i> , 2021 , 75, 3949-3956	1.9	8
240	The influence of various solvents on the interaction between gemini surfactant (ester-bonded) and imipramine hydrochloride: An aggregational, interfacial, and thermodynamic study. <i>Journal of Molecular Liquids</i> , 2021 , 334, 116524	6	3
239	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> , 2021 , 117109	6	6
238	Study of metal-amino acid [Cr(III)-Trp] ₂ ⁺ complex and ninhydrin reaction: role of gemini micellar solution on rate constant. <i>Molecular Physics</i> , 2021 , 119, e1817595	1.7	13
237	Role of carbonate electrolytes on interaction of quinolone drug with anionic surfactant at various temperatures: A conductometric study. <i>Journal of Physical Organic Chemistry</i> , 2021 , 34,	2.1	17
236	Aerogel applications and future aspects 2021 , 357-367		
235	Effect of low levels of hydrotropes on micellization of phenothiazine drug. <i>Korean Journal of Chemical Engineering</i> , 2021 , 38, 386-399	2.8	2
234	Effect of coir fiber and TiC nanoparticles on basalt fiber reinforced epoxy hybrid composites: physico-mechanical characteristics. <i>Cellulose</i> , 2021 , 28, 3451-3471	5.5	30
233	Mixed Micellization and Spectroscopic Studies of Anti-Allergic Drug and Non-Ionic Surfactant in the Presence of Ionic Liquid. <i>Polymers</i> , 2021 , 13,	4.5	2
232	Analysis of interaction between glutamic acid and ninhydrin in the presence of acetate buffer solvent: Impact of gemini (twin-headed) surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 626, 127061	5.1	11
231	Aggregational behaviour of promethazine hydrochloride and TX-45 surfactant mixtures: A multi-techniques approach. <i>Journal of Molecular Liquids</i> , 2021 , 342, 117558	6	5
230	Impact on micellization between promethazine hydrochloride and ester bonded gemini surfactant in distinct solvents: A multi-faceted procedure. <i>Journal of Molecular Liquids</i> , 2021 , 342, 117477	6	3
229	Interaction of crystal violet dye with dodecyltrimethylammonium bromide in aqueous and electrolyte medium at different temperatures. <i>Journal of Molecular Liquids</i> , 2021 , 343, 117592	6	4
228	Effects of various media on micellization, adsorption and thermodynamic behaviour of imipramine hydrochloride and antimicrobial surfactant mixtures.. <i>Royal Society Open Science</i> , 2021 , 8, 211527	3.3	3
227	Study of Reaction Rate between Zinc(II)Histidine [Zn(II)His] ₂ ⁺ Complex and Ninhydrin: Effect of Three Dicationic Gemini (Alkanediyl-III Type) Surfactants. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 11072-11079	3.9	24
226	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> , 2020 , 23, 903	1.9	1
225	Effects of temperature and polyols on the ciprofloxacin hydrochloride-mediated micellization of sodium dodecyl sulfate.. <i>RSC Advances</i> , 2020 , 10, 14531-14541	3.7	45

224	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> , 2020 , 311, 113316	6	2
223	Influence of polyethylene glycol on the aggregation/clouding phenomena of cationic and non-ionic surfactants in attendance of electrolytes (NaCl & Na ₂ SO ₄): An experimental and theoretical analysis. <i>Journal of Molecular Liquids</i> , 2020 , 306, 112880	6	39
222	Influence of dicationic quaternary ammonium gemini surfactant system on metal-amino acid complex-ninhydrin reaction. <i>Materials Chemistry and Physics</i> , 2020 , 248, 122926	4.4	18
221	Micellar and spectroscopic studies of amphiphilic drug with nonionic surfactant in the presence of ionic liquids. <i>Journal of Molecular Liquids</i> , 2020 , 315, 113732	6	9
220	Influence of the effect of different electrolytes on the interaction of promethazine hydrochloride drug with tetradecyltrimethylammonium bromide at different temperatures. <i>Journal of Physical Organic Chemistry</i> , 2020 , 33, e4057	2.1	9
219	Investigation of mixed micellization study of sodium dodecyl sulfate and tetradecyltrimethylammonium bromide mixtures at different compositions: Effect of electrolytes and temperatures. <i>Journal of Physical Organic Chemistry</i> , 2020 , 33, e4047	2.1	30
218	Interaction of moxifloxacin hydrochloride with sodium dodecyl sulfate and tween 80: Conductivity & phase separation methods. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112467	6	8
217	Micellization Behavior of Antidepressant Imipramine Hydrochloride Drug and Hydrotrope (Sodium Tosylate) Mixtures at Different Compositions and Temperatures in Different Media. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 2659-2672	2.8	6
216	Investigation of micellar and interfacial phenomenon of amitriptyline hydrochloride with cationic ester-bonded gemini surfactant mixture in different solvent media. <i>PLoS ONE</i> , 2020 , 15, e0241300	3.7	2
215	Self-Assembly, Interfacial, and Thermodynamic Properties of Antipsychotic Drug with Bile Salt in Water/Salt Solutions. <i>Tenside, Surfactants, Detergents</i> , 2020 , 57, 252-258	1	0
214	Conductometric Study of Complexation of Macrocyclic Compounds with Zinc(II) and Copper(II) Ions in Aqueous-Organic Solvent Mixtures. <i>Russian Journal of Physical Chemistry A</i> , 2020 , 94, 2752-2759	0.7	1
213	Clouding and thermodynamic behaviours of nonionic surfactant: Effects of cefixime trihydrate drug and different electrolytes. <i>Journal of Molecular Liquids</i> , 2020 , 312, 113366	6	9
212	Physicochemical Observation of the Impact of Various Additives on the Clouding Nature of Triton X-100 Solution. <i>Journal of Chemical & Engineering Data</i> , 2020 , 65, 841-847	2.8	3
211	Influence of ammonium salts on the interaction of fluoroquinolone antibiotic drug with sodium dodecyl sulfate at different temperatures and compositions. <i>Journal of Molecular Liquids</i> , 2020 , 297, 111583	6	12
210	Study of the interaction between ninhydrin and chromium(III)-amino acid in an aqueous-micellar system: Influence of gemini surfactant micelles. <i>Journal of Molecular Liquids</i> , 2020 , 301, 112373	6	25
209	Effect of gelatin protein on self-association behavior of sodium salt of ibuprofen drug in urea solution. <i>Journal of Molecular Liquids</i> , 2020 , 298, 112039	6	3
208	Effect of additives on the aggregation phenomena of amphiphilic drug and hydrotrope mixtures. <i>Journal of Molecular Liquids</i> , 2020 , 298, 112049	6	8
207	Aggregation and surface phenomena of amitriptyline hydrochloride and cationic benzethonium chloride surfactant mixture in different media. <i>Journal of Molecular Liquids</i> , 2020 , 300, 112346	6	8

206	Influence of Different Additives on the Interaction of Quinolone Antibiotic Drug with Surfactant: Conductivity and Cloud Point Measurement Study. <i>Journal of Surfactants and Detergents</i> , 2020 , 23, 457-470	1.9	12
205	Self-healing of polymer materials and their composites 2020 , 103-121		
204	Synthesis and characterization of cationic quaternary ammonium geminis (16B16) and their role in ninhydrin[Cu(II)-His] ⁺ reaction. <i>Chemical Engineering Communications</i> , 2020 , 1-11	2.2	10
203	Synergistic interaction between anti-allergic drug and cationic/anionic surfactants: Experimental and theoretical analysis. <i>Journal of Saudi Chemical Society</i> , 2020 , 24, 683-692	4.3	2
202	Synthesis and characterization of geminis and implications of their micellar solution on ninhydrin and metal amino acid complex. <i>Royal Society Open Science</i> , 2020 , 7, 200775	3.3	28
201	Catalytic influence of 16--16 gemini surfactants on the rate constant of histidine and ninhydrin. <i>Royal Society Open Science</i> , 2020 , 7, 191648	3.3	17
200	Alkanediyl-type gemini micelles: Catalyzed study between ninhydrin and [Ni(II)-Trp] ⁺ complex. <i>Colloid and Polymer Science</i> , 2020 , 298, 1411-1421	2.4	9
199	Influence of electrolytes on the clouding and thermodynamic nature of non-ionic surfactant in the presence of an antibiotic drug. <i>Physics and Chemistry of Liquids</i> , 2020 , 1-14	1.5	8
198	Interaction of ciprofloxacin hydrochloride with sodium dodecyl sulfate in aqueous/electrolytes solution at different temperatures and compositions. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 216-223	3.2	9
197	Association behavior of bile salts binary mixtures in an aqueous system: A tensiometric and fluorometric study. <i>Journal of Physical Organic Chemistry</i> , 2020 , 33, e4015	2.1	2
196	Influence of dimeric gemini surfactant micelles on the study of nickel-glycylleucine dipeptide and ninhydrin. <i>Journal of Dispersion Science and Technology</i> , 2020 , 41, 1559-1567	1.5	24
195	Aggregation Behavior of Antipsychotic Drug under the Influence of Bile Salt in Aqueous/Urea Solution. <i>Journal of Oleo Science</i> , 2020 , 69, 327-335	1.6	3
194	Effect of Various Electrolytes on the Phase Separation and Thermodynamic Properties of p-Tert-Alkylphenoxy Poly (Oxyethylene) Ether in the Absence/Presence of Drugs. <i>Journal of Surfactants and Detergents</i> , 2019 , 22, 613-623	1.9	8
193	Clouding and Thermodynamic Characteristics of Triton X-100 in the Presence of Ciprofloxacin Hydrochloride: Influence of Polyols. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 4181-4188	2.8	17
192	Influence of Alcohol/Temperature on the Interaction of Sodium Dodecyl Sulfate with Cetyltrimethylammonium Bromide: Experimental and Theoretical Study. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 4376-4389	2.8	14
191	Critical Micelle Concentrations of Sodium Dodecyl Sulfate and Cetyltrimethylammonium Bromide Mixtures in Binary Mixtures of Various Salts at Different Temperatures and Compositions. <i>Russian Journal of Physical Chemistry A</i> , 2019 , 93, 2043-2052	0.7	7
190	Influence of Different Additives on the Clouding Nature and Thermodynamic Behavior of Tween 80 Solution in the Absence and Presence of the Amikacin Sulfate Drug. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 668-675	2.8	16
189	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> , 2019 , 32, e3964	2.1	4

188	Investigation of aggregation behavior of ibuprofen sodium drug under the influence of gelatin protein and salt. <i>Journal of Molecular Liquids</i> , 2019 , 290, 111187	6	27
187	Micellization behavior of cationic and anionic surfactant mixtures at different temperatures: Effect of sodium carbonate and sodium phosphate salts. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3967 ^{2.1}		50
186	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> , 2019 , 285, 766-777	6	6
185	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> , 2019 , 283, 263-275	6	32
184	Interaction of tetradecyltrimethylammonium bromide with sodium dodecyl sulfate in aqueous/urea medium at several temperatures and compositions. <i>Journal of Molecular Liquids</i> , 2019 , 284, 12-22	6	13
183	Phase Separation and Thermodynamic Behavior of Triton X-100 in the Occurrence of Levofloxacin Hemihydrates: Influence of Additives. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 2750-2758	2.8	39
182	Interaction of cetyltrimethylammonium bromide with cefixime trihydrate drug at different temperatures and compositions: Effect of different electrolytes. <i>Chinese Journal of Chemical Engineering</i> , 2019 , 27, 1895-1903	3.2	13
181	Aggregation and interfacial phenomenon of amphiphilic drug under the influence of pharmaceutical excipients (green/biocompatible gemini surfactant). <i>PLoS ONE</i> , 2019 , 14, e0211077	3.7	9
180	Aggregation behavior of cetyldimethylethylammonium bromide under the influence of bovine serum albumin in aqueous/electrolyte solutions at various temperatures and compositions: conductivity and molecular dynamics study.. <i>RSC Advances</i> , 2019 , 9, 6556-6567	3.7	5
179	Influence of alcohols/electrolytes on the interaction of reactive red dye with surfactant and removal of dye from solutions. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103364	6.8	23
178	Interaction of Metal Ion-Coordinated Dipeptide Complex and Ninhydrin in the Alkanediyl- β -Bis-Type Gemini Surfactant System. <i>Journal of Surfactants and Detergents</i> , 2019 , 22, 1299-1308	1.8	16
177	Impact of different diols/polyols on the phase separation behavior as well as thermodynamic properties of tween 80. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e4001	2.1	12
176	Influence of alcohols and varying temperatures on the interaction between drug ceftriaxone sodium trihydrate and surfactant: A multi-techniques study. <i>Journal of Molecular Liquids</i> , 2019 , 292, 111322	6	24
175	Kinetic and mechanistic investigations of [Zn (II)-Trp] ⁺ and ninhydrin in aqueous and cationic CTAB surfactant. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3997	2.1	28
174	Study of the reaction of ninhydrin with tyrosine in gemini micellar media.. <i>RSC Advances</i> , 2019 , 9, 22129-22136	3.7	41
173	Interaction of ninhydrin with zinc(II) complex of tryptophan in the three dicationic gemini surfactants. <i>Colloid and Polymer Science</i> , 2019 , 297, 1519-1527	2.4	14
172	Study of Zinc-glycylglycine Complex with Ninhydrin in Aqueous and Cationic Micellar Media: A Spectrophotometric Technique. <i>Tenside, Surfactants, Detergents</i> , 2019 , 56, 312-318	1	13
171	Kinetic study of ninhydrin with chromium (III)-glycylleucine in aqueous Alkanediyl- β -bis (dimethylcetylammmonium bromide) gemini surfactants. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3946	2.1	28

170	Investigation of the Effect of Temperature, Salt and Solvent Composition on the Micellization Behavior of Tetradecyltrimethylammonium Bromide in the Presence of the Antibiotic Drug Levofloxacin Hemihydrate. <i>Journal of Solution Chemistry</i> , 2019 , 48, 105-124	1.8	7
169	Interaction of Polymer (Polyvinylpyrrolidone) with Azo Dye (Reactive Yellow): A Physicochemical Study. <i>Russian Journal of Physical Chemistry A</i> , 2019 , 93, 2718-2725	0.7	5
168	Influence of Cationic Cetyltrimethylammonium Bromide on Rate of Zn(II)-Histidine Complex and Ninhydrin. <i>Journal of Oleo Science</i> , 2019 , 68, 1231-1240	1.6	9
167	Conductometric Study of Influence of Urea on Interactions of Sodium Dodecyl Sulfate with Cefradine. <i>Russian Journal of Physical Chemistry A</i> , 2019 , 93, 2494-2501	0.7	5
166	Influence of Polyol/Salt Additives on the Drug-Mediated Phase Separation and Thermodynamic Properties of Triton X-100. <i>Journal of Chemical & Engineering Data</i> , 2019 , 64, 5999-6008	2.8	3
165	Bile salt interaction in mixed monolayer and mixed micelle formation. <i>Journal of Chemical Thermodynamics</i> , 2019 , 128, 406-414	2.9	61
164	Influence of various electrolytes on the interaction of cetyltrimethylammonium bromide with tetradecyltrimethylammonium bromide at different temperatures and compositions: Experimental and theoretical investigation. <i>Journal of Molecular Liquids</i> , 2019 , 278, 86-96	6	10
163	Investigation of the interaction of levofloxacin hemihydrate with surfactants in the occurrence of salts: Conductivity and cloud point measurement. <i>Journal of Molecular Liquids</i> , 2019 , 274, 484-496	6	16
162	Catalytic role of 16-s-16 micelles on condensation reaction of ninhydrin and metal-dipeptide complex. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3918	2.1	33
161	Role of cetyltrimethylammonium bromide (CTAB) surfactant micelles on kinetics of [Zn(II)-Gly-Leu] ⁺ and ninhydrin. <i>Journal of Molecular Liquids</i> , 2019 , 274, 639-645	6	81
160	Influence of NaCl/urea on the aggregation behavior of dodecyltrimethylammonium chloride and sodium dodecyl sulfate at varying temperatures and compositions: Experimental and theoretical approach. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3917	2.1	29
159	Effect of temperature and salt/alcohol on the interaction of tetradecyltrimethylammonium bromide/Triton X-100 with moxifloxacin hydrochloride: A multitechnique approach. <i>Journal of Dispersion Science and Technology</i> , 2019 , 40, 574-586	1.5	34
158	Influence of electrolytes/urea on the interaction of tetradecyltrimethylammonium bromide and antibiotic levofloxacin hemihydrate drug. <i>Physics and Chemistry of Liquids</i> , 2019 , 57, 703-719	1.5	7
157	Aggregation Behavior of Sodium Dodecyl Sulfate and Cetyltrimethylammonium Bromide Mixtures in Aqueous/Chitosan Solution at Various Temperatures: An Experimental and Theoretical Approach. <i>Journal of Surfactants and Detergents</i> , 2019 , 22, 137-152	1.9	18
156	Aggregation of sodium salt of ibuprofen and sodium taurocholate mixture in different media: A tensiometry and fluorometry study. <i>Journal of Chemical Thermodynamics</i> , 2018 , 121, 199-210	2.9	112
155	Conductometric Probe Analysis of the Effect of Benzyldimethylhexadecylammonium Chloride on the Micellization Behavior of Dodecyltrimethylammonium Bromide in Aqueous/Urea Solution: Investigation of Concentration and Temperature Effect. <i>Journal of Surfactants and Detergents</i> , 2018 , 21, 231-246	1.9	30
154	Aggregation behavior of sodium salt of ibuprofen with conventional and gemini surfactant. <i>Journal of Molecular Liquids</i> , 2018 , 262, 86-96	6	112
153	Mixtures of antidepressant amphiphilic drug imipramine hydrochloride and anionic surfactant: Micellar and thermodynamic investigation. <i>Journal of Physical Organic Chemistry</i> , 2018 , 31, e3812	2.1	72

152	Effect of additives (TX-114) on micellization and microstructural phenomena of amphiphilic ibuprofen drug (sodium salt): Multi-technique approach. <i>Journal of Luminescence</i> , 2018 , 197, 252-265	3.8	5
151	Synergistic effect of an antipsychotic drug chlorpromazine hydrochloride with pluronic triblock copolymer: A physicochemical study. <i>Journal of Molecular Liquids</i> , 2018 , 260, 159-165	6	33
150	Influence of salt and temperature on the interaction of bovine serum albumin with cetylpyridinium chloride: Insights from experimental and molecular dynamics simulation. <i>Journal of Molecular Liquids</i> , 2018 , 260, 121-130	6	36
149	Interaction of cetyltrimethylammonium bromide with drug in aqueous/electrolyte solution: A combined conductometric and molecular dynamics method study. <i>Chinese Journal of Chemical Engineering</i> , 2018 , 26, 159-167	3.2	40
148	Mixed micellization study of ibuprofen (sodium salt) and cationic surfactant (conventional as well as gemini). <i>Journal of Physical Organic Chemistry</i> , 2018 , 31, e3730	2.1	106
147	Interaction of antipsychotic drug with novel surfactants: Micellization and binding studies. <i>Chinese Journal of Chemical Engineering</i> , 2018 , 26, 566-573	3.2	51
146	Mixed micellization study of dodecyltrimethylammonium chloride and cetyltrimethylammonium bromide mixture in aqueous/urea medium at different temperatures: Theoretical and experimental view. <i>Journal of Physical Organic Chemistry</i> , 2018 , 31, e3872	2.1	59
145	Studies of interaction between ninhydrin and Gly-Leu dipeptide: Influence of cationic surfactants (m-s-m type Gemini). <i>Journal of Molecular Liquids</i> , 2018 , 269, 1-7	6	84
144	An estimation of the effect of mono/poly-hydroxy organic compounds on the interaction of tetradecyltrimethylammonium bromide with levofloxacin hemihydrate antibiotic drug. <i>Journal of Molecular Liquids</i> , 2018 , 269, 417-425	6	44
143	Synthesis and Characterization of Dicationic Gemini Surfactant Micelles and their Effect on the Rate of Ninhydrin-Copper-Peptide Complex Reaction. <i>Tenside, Surfactants, Detergents</i> , 2018 , 55, 78-84	1	42
142	Interaction of ninhydrin with chromium-glycylglycine complex in the presence of dimeric gemini surfactants. <i>Journal of Molecular Liquids</i> , 2018 , 250, 329-334	6	86
141	Effect of different additives on the phase separation behavior and thermodynamics of p - tert -alkylphenoxy poly (oxyethylene) ether in absence and presence of drug. <i>Chinese Journal of Chemical Engineering</i> , 2018 , 26, 1110-1118	3.2	28
140	Experimental and theoretical investigation of micellization behavior of sodium dodecyl sulfate with cetyltrimethylammonium bromide in aqueous/urea solution at various temperatures. <i>Korean Journal of Chemical Engineering</i> , 2018 , 35, 2269-2282	2.8	28
139	Association behavior of a mixed system of the antidepressant drug imipramine hydrochloride and dioctyl sulfosuccinate sodium salt: Effect of temperature and salt. <i>Journal of Molecular Liquids</i> , 2018 , 271, 254-264	6	149
138	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> , 2017 , 38, 96-104	1.5	66
137	Interaction of triblock-copolymer with cationic gemini and conventional surfactants: A physicochemical study. <i>Journal of Dispersion Science and Technology</i> , 2017 , 38, 1785-1791	1.5	54
136	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> , 2017 , 522, 183-192	5.1	77
135	Effect of anionic surfactant and temperature on micellization behavior of promethazine hydrochloride drug in absence and presence of urea. <i>Journal of Molecular Liquids</i> , 2017 , 238, 389-396	6	168

134	Physico-chemical Investigation of Mixed Micelle Formation Between Tetradecyltrimethylammonium Bromide and Dodecyltrimethylammonium Chloride in Water and Aqueous Solutions of Sodium Chloride. <i>Journal of Solution Chemistry</i> , 2017 , 46, 682-703	1.8	55
133	Interaction between tetradecyltrimethylammonium bromide and benzyldimethylhexadecylammonium chloride in aqueous/urea solution at various temperatures: An experimental and theoretical investigation. <i>Journal of Molecular Liquids</i> , 2017 , 238, 62-70	6	67
132	Multi-technique approach towards amphiphilic drug-surfactant interaction: A physicochemical study. <i>Journal of Molecular Liquids</i> , 2017 , 240, 189-195	6	44
131	Kinetic study of nickel-glycylglycine with ninhydrin in alkanediyl- β -gemini (m- s -m type) surfactant system. <i>Journal of Molecular Liquids</i> , 2017 , 240, 253-257	6	64
130	Influence of antidepressant clomipramine hydrochloride drug on human serum albumin: Spectroscopic study. <i>Journal of Molecular Liquids</i> , 2017 , 241, 91-98	6	47
129	Thermodynamic properties of ibuprofen sodium salt in aqueous/urea micellar solutions at 298.15 K. <i>Russian Journal of Physical Chemistry A</i> , 2017 , 91, 685-691	0.7	26
128	Investigation of the Effect of Various Additives on the Clouding Behavior and Thermodynamics of Polyoxyethylene (20) Sorbitan Monooleate in Absence and Presence of Ceftriaxone Sodium Trihydrate Drug. <i>Journal of Chemical & Engineering Data</i> , 2017 , 62, 1464-1474	2.8	67
127	Effect of Sodium Dodecylbenzenesulfonate on the Association Behavior of Promethazine Hydrochloride in Aqueous/Electrolyte Solutions at Different Temperatures. <i>Journal of Solution Chemistry</i> , 2017 , 46, 862-885	1.8	3
126	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> , 2017 , 227, 1-14	6	49
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