## List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Computational Tool for Risk Assessment of Nanomaterials: Novel QSTR-Perturbation Model for Simultaneous Prediction of Ecotoxicity and Cytotoxicity of Uncoated and Coated Nanoparticles under Multiple Experimental Conditions. Environmental Science & Technology, 2014, 48, 14686-14694.	10.0	124
2	Size and stability of liposomes: A possible role of hydration and osmotic forces. European Physical Journal E, 2006, 20, 401-408.	1.6	118
3	Computer-aided nanotoxicology: assessing cytotoxicity of nanoparticles under diverse experimental conditions by using a novel QSTR-perturbation approach. Nanoscale, 2014, 6, 10623.	5.6	118
4	Computational ecotoxicology: Simultaneous prediction of ecotoxic effects of nanoparticles under different experimental conditions. Environment International, 2014, 73, 288-294.	10.0	102
5	Selection of Wild and Cultivated Sunflower for Resistance to a New Broomrape Race that Overcomes Resistance of the <i>Or<sub>5</sub></i> Gene. Crop Science, 2000, 40, 550-555.	1.8	87
6	General Theory for Multiple Input-Output Perturbations in Complex Molecular Systems. 1. Linear QSPR Electronegativity Models in Physical, Organic, and Medicinal Chemistry. Current Topics in Medicinal Chemistry, 2013, 13, 1713-1741.	2.1	83
7	Surface properties of some amphiphilic antidepressant drugs. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 179, 125-128.	4.7	76
8	Enabling the Discovery and Virtual Screening of Potent and Safe Antimicrobial Peptides. Simultaneous Prediction of Antibacterial Activity and Cytotoxicity. ACS Combinatorial Science, 2016, 18, 490-498.	3.8	73
9	Complexation between Dodecyl Sulfate Surfactant and Zein Protein in Solution. Langmuir, 2004, 20, 8988-8991.	3.5	71
10	A comparative study of the physicochemical properties of perfluorinated and hydrogenated amphiphiles. Journal of Colloid and Interface Science, 2005, 288, 247-260.	9.4	71
11	Static and dynamic light scattering study on the association of some antidepressants in aqueous electrolyte solutions. Physical Chemistry Chemical Physics, 2000, 2, 5175-5179.	2.8	70
12	Self-Association of Amphiphilic Penicillins in Aqueous Electrolyte Solution: A Light-Scattering and NMR Study. Langmuir, 1999, 15, 2022-2028.	3.5	69
13	Thermodynamic Properties of Some Antidepressant Drugs in Aqueous Solution. Langmuir, 2001, 17, 173-177.	3.5	57
14	First Multitarget Chemo-Bioinformatic Model To Enable the Discovery of Antibacterial Peptides against Multiple Gram-Positive Pathogens. Journal of Chemical Information and Modeling, 2016, 56, 588-598.	5.4	57
15	Water dispersible superparamagnetic Cobalt iron oxide nanoparticles for magnetic fluid hyperthermia. Journal of Magnetism and Magnetic Materials, 2016, 419, 533-542.	2.3	52
16	Light Scattering and NMR Studies of the Self-Association of the Amphiphilic Molecule Propranolol Hydrochloride in Aqueous Electrolyte Solutions. Journal of Physical Chemistry B, 1999, 103, 7092-7096.	2.6	49
17	Interactions between DMPC Liposomes and the Serum Blood Proteins HSA and IgC. Journal of Physical Chemistry B, 2009, 113, 1655-1661.	2.6	49
18	Self-Association of the Penicillin Sodium Nafcillin in Aqueous Solution. Langmuir, 2000, 16, 3175-3181.	3.5	47

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19	Adsorption/desorption study of antibiotic and anti-inflammatory drugs onto bioactive hydroxyapatite nano-rods. Materials Science and Engineering C, 2019, 99, 180-190.	7.3	46
20	Study of the interactions between lysozyme and a fully-fluorinated surfactant in aqueous solution at different surfactant–protein ratios. International Journal of Biological Macromolecules, 2003, 33, 67-73.	7.5	45
21	A study of the interaction between proteins and fully-fluorinated and fully-hydrogenated surfactants by ζ-potential measurements. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 249, 51-55.	4.7	44
22	Thermodynamics of Association of Structurally Related Amphiphilic Penicillins. Journal of Colloid and Interface Science, 2000, 221, 242-245.	9.4	43
23	Electrical Conductivities and Critical Micelle Concentrations (Determined by the Local Polynomial) Tj ETQq1 1 C Chemical & Engineering Data, 2004, 49, 1008-1012.	.784314 rş 1.9	gBT /Overloci 43
24	Manipulation of Mg <sup>2+</sup> –Ca <sup>2+</sup> Switch on the Development of Bone Mimetic Hydroxyapatite. ACS Applied Materials & Interfaces, 2017, 9, 15698-15710.	8.0	42
25	ζ-Potential Study on the Interactions between Lysozyme and Sodiumn-Alkylsulfates. Langmuir, 1998, 14, 5725-5729.	3.5	41
26	Self-Association of Penicillin V in Aqueous Solution. Langmuir, 1999, 15, 6285-6290.	3.5	41
27	Manipulating the bioactivity of hydroxyapatite nano-rods structured networks: Effects on mineral coating morphology and growth kinetic. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 5014-5026.	2.4	40
28	Thermodynamics of Micellization of Surfactants of Low Aggregation Number: The Aggregation of Propranolol Hydrochloride. Journal of Colloid and Interface Science, 1999, 210, 97-102.	9.4	39
29	A Study of the Interaction of the Amphiphilic Penicillins Cloxacillin and Dicloxacillin with Human Serum Albumin in Aqueous Solution. Langmuir, 2001, 17, 5189-5195.	3.5	39
30	Interaction between Penicillins and Human Serum Albumin:Â A Thermodynamic Study of Micellar-like Clusters on a Protein. Langmuir, 2000, 16, 934-938.	3.5	38
31	Aggregation energies of some amphiphilic antidepressant drugs. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 197, 95-99.	4.7	38
32	Interaction between Penicillins and Human Serum Albumin: A ζ-Potential Study. Langmuir, 2000, 16, 6795-6800.	3.5	37
33	Surface Tensions, Critical Micelle Concentrations, and Standard Free Energies of Micellization of C8â^'Lecithin at Different pHs and Electrolyte Concentrations. Journal of Chemical & Engineering Data, 2002, 47, 1017-1021.	1.9	36
34	A volumetric study of two related amphiphilic beta-blockers as a function of temperature and electrolyte concentration. Colloids and Surfaces B: Biointerfaces, 2004, 33, 165-175.	5.0	36
35	Conformational Changes in Human Serum Albumin Induced by Sodium Perfluorooctanoate in Aqueous Solutions. Journal of Physical Chemistry B, 2005, 109, 15566-15573.	2.6	36
36	Effect of Electrolyte on the Surface and Thermodynamic Properties of Amphiphilic Penicillins. Journal of Colloid and Interface Science, 1999, 220, 288-292.	9.4	35

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37	On the Effect of Ca2+and La3+on the Colloidal Stability of Liposomes. Langmuir, 2005, 21, 10968-10975.	3.5	35
38	Fibrinogen stability under surfactant interaction. Journal of Colloid and Interface Science, 2011, 362, 118-126.	9.4	34
39	Effects of Fluorinated and Hydrogenated Surfactants on Human Serum Albumin at Different pHs. Biomacromolecules, 2006, 7, 176-182.	5.4	33
40	Development and characterisation of bilayered periosteum-inspired composite membranes based on sodium alginate-hydroxyapatite nanoparticles. Journal of Colloid and Interface Science, 2020, 572, 408-420.	9.4	33
41	Title is missing!. Euphytica, 1999, 106, 69-78.	1.2	32
42	Influence of Molecular Structure on the Ideality of Mixing in Micelles Formed in Binary Mixtures of Surface-Active Drugs. Journal of Colloid and Interface Science, 1999, 216, 270-275.	9.4	31
43	Adsorption of an amphiphilic penicillin onto human serum albumin: characterisation of the complex. Biophysical Chemistry, 2001, 92, 141-153.	2.8	31
44	On relationships between surfactant type and globular proteins interactions in solution. Journal of Colloid and Interface Science, 2007, 316, 37-42.	9.4	31
45	Thermodynamics of Micellization of n-Alkyl Sulfates in an Alkaline Medium at Different Temperatures. Journal of Colloid and Interface Science, 1999, 214, 292-296.	9.4	30
46	Comparison of the thermodynamic properties of structurally related amphiphilic antidepressants in aqueous solution. Colloid and Polymer Science, 2001, 279, 716-720.	2.1	30
47	Regarding the Effect that Different Hydrocarbon/Fluorocarbon Surfactant Mixtures Have on Their Complexation with HSA. Journal of Physical Chemistry B, 2006, 110, 11369-11376.	2.6	30
48	Fractal aggregates induced by liposome-liposome interaction in the presence of Ca2+. European Physical Journal E, 2007, 24, 201-210.	1.6	30
49	Enhancing CaP Biomimetic Growth on TiO <sub>2</sub> Cuboids Nanoparticles via Highly Reactive Facets. Langmuir, 2013, 29, 2350-2358.	3.5	30
50	Improved magnetic induction heating of nanoferrites for hyperthermia applications: Correlation with colloidal stability and magneto-structural properties. Journal of Magnetism and Magnetic Materials, 2015, 384, 335-343.	2.3	30
51	Fibrinogen: a journey into biotechnology. Soft Matter, 2016, 12, 8639-8653.	2.7	30
52	Characterization of the Interactions between Lysozyme andn-Alkyltrimethylammonium Bromides by Zeta Potential Measurements. The Journal of Physical Chemistry, 1996, 100, 16749-16753.	2.9	29
53	A Comparative Study of the Interaction between Nafcillin and Catalase by Equilibrium Dialysis and ζ-Potential Measurements. Journal of Physical Chemistry B, 2001, 105, 2644-2648.	2.6	29
54	Screening of Wild <i>Helianthus</i> Species and Derived Lines for Resistance to Several Populations of <i>Orobanche cernua</i> . Plant Disease, 1996, 80, 1165.	1.4	29

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55	Ultraviolet-circular dichroism spectroscopy and potentiometric study of the interaction between human serum albumin and sodium perfluorooctanoate. Biopolymers, 2005, 79, 300-309.	2.4	28
56	Synthesis and magnetostructural studies of amine functionalized superparamagnetic iron oxide nanoparticles. RSC Advances, 2015, 5, 18420-18428.	3.6	28
57	Concentration Dependence of the Osmotic and Activity Coefficients of Imipramine and Clomipramine Hydrochlorides in Aqueous Solution. Journal of Chemical & Engineering Data, 1999, 44, 820-822.	1.9	27
58	Thermodynamics of self-assembly of sodium octanoate: comparison with a fully fluorinated counterpart. Molecular Physics, 2003, 101, 3185-3195.	1.7	27
59	Physicochemical study of ovalbumin in the presence of sodium dodecyl sulphate in aqueous media. Colloid and Polymer Science, 2004, 282, 351-356.	2.1	27
60	Surface characterization of human serum albumin and sodium perfluorooctanoate mixed solutions by pendant drop tensiometry and circular dichroism. Biopolymers, 2006, 82, 261-271.	2.4	27
61	Structural and Kinetic Visualization of the Protein Corona on Bioceramic Nanoparticles. Langmuir, 2018, 34, 2471-2480.	3.5	26
62	Matrix Trace Operators: From Spectral Moments of Molecular Graphs and Complex Networks to Perturbations in Synthetic Reactions, Micelle Nanoparticles, and Drug ADME Processes. Current Drug Metabolism, 2014, 15, 470-488.	1.2	26
63	Temperature-Sensitive Critical Micelle Transition of Sodium Octanoate. Langmuir, 2004, 20, 2512-2514.	3.5	25
64	The study of titanium dioxide modification by glutaraldehyde and its application of immobilized penicillin acylase. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 560, 298-305.	4.7	25
65	MIANN Models in Medicinal, Physical and Organic Chemistry. Current Topics in Medicinal Chemistry, 2013, 13, 619-641.	2.1	25
66	The Interaction of Human Serum Albumin with Dioctanoylphosphatidylcholine in Aqueous Solutions. Langmuir, 2002, 18, 3300-3305.	3.5	24
67	Thermal stability of lysozyme and myoglobin in the presence of anionic surfactants. Journal of Thermal Analysis and Calorimetry, 2007, 87, 211-215.	3.6	24
68	Biomimetic fiber mesh scaffolds based on gelatin and hydroxyapatite nano-rods: Designing intrinsic skills to attain bone reparation abilities. Colloids and Surfaces B: Biointerfaces, 2016, 145, 382-391.	5.0	24
69	Advanced Materials Based on Nanosized Hydroxyapatite. Molecules, 2021, 26, 3190.	3.8	24
70	The aqueous catanionic system sodium perfluorooctanoate–dodecyltrimethylammonium bromide at low concentration. Journal of Colloid and Interface Science, 2007, 312, 425-431.	9.4	22
71	Assessment of interactions between four proteins and benzothiazole derivatives by DSC and CD. Journal of Chemical Thermodynamics, 2011, 43, 399-404.	2.0	22
72	Interaction of Amphiphilic Propranolol Hydrochloride with Haemoglobin and Albumin in Aqueous Solution. Langmuir, 2000, 16, 10449-10455.	3.5	21

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73	Effect of alkyl chain asymmetry on catanionic mixtures of hydrogenated and fluorinated surfactants. Journal of Colloid and Interface Science, 2010, 341, 261-266.	9.4	21
74	Surface Characterization and AFM Imaging of Mixed Fibrinogenâ^'Surfactant Films. Journal of Physical Chemistry B, 2011, 115, 6304-6311.	2.6	21
75	Recent progress in the development of immobilized penicillin G acylase for chemical and industrial applications: A miniâ€review. Polymers for Advanced Technologies, 2020, 31, 368-388.	3.2	21
76	Light Scattering and NMR Studies on the Self-Aggregation of Sodiumn-Hexyl Sulfate in Aqueous Electrolyte Solution. Langmuir, 2000, 16, 1620-1625.	3.5	20
77	Characterization of phospholipid+semifluorinated alkane vesicle system. Colloids and Surfaces B: Biointerfaces, 2006, 47, 64-70.	5.0	20
78	Albumin-mediated deposition of bone-like apatite onto nano-sized surfaces: Effect of surface reactivity and interfacial hydration. Journal of Colloid and Interface Science, 2017, 494, 345-354.	9.4	20
79	The interaction between n -alkyl trimethylammonium bromides with poly( l -aspartate): a thermodynamics study. Colloid and Polymer Science, 2000, 278, 800-804.	2.1	19
80	A spectroscopic study of the interaction catalase–cationic surfactant (n-decyltrimethylammonium) Tj ETQq0 ( 2004, 6, 816-821.	0 0 rgBT /0 2.8	Overlock 10 Tf 19
81	Counterion effect on the solution and thermodynamic properties of lithium perfluoroalkanoates. Molecular Physics, 2005, 103, 3271-3281.	1.7	19
82	Aggregation of liposomes in presence of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"&gt;<mml:mrow><mml:msup><mml:mi>La</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:m A study of the fractal dimension. Physical Review E, 2007, 76, 011408.</mml:m </mml:mrow></mml:msup></mml:mrow></mml:math 	o>+<1/mm	l:mð?
83	Noble microfluidic system for bioceramic nanoparticles engineering. Materials Science and Engineering C, 2019, 102, 221-227.	7.3	19
84	Self-assembly of sodium heptafluorobutyrate in aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 249, 41-44.	4.7	18
85	Application of thermodynamic models to study micellar properties of sodium perfluoroalkyl carboxylates in aqueous solutions. Chemical Physics, 2005, 313, 245-259.	1.9	18
86	Phase behavior of semifluorinated catanionic mixtures: Head group dependence and spontaneous formation of vesicles. Journal of Colloid and Interface Science, 2009, 331, 522-531.	9.4	18
87	Hydrogenated/Fluorinated Catanionic Surfactants as Potential Templates for Nanostructure Design. Langmuir, 2011, 27, 9719-9728.	3.5	18
88	Mechanisms of fibrinogen–acebutolol interactions: Insights from DSC, CD and LS. Colloids and Surfaces B: Biointerfaces, 2011, 82, 581-587.	5.0	18
89	Bioinspired templates for the synthesis of silica nanostructures. Soft Matter, 2012, 8, 9553.	2.7	18
90	Complex Behavior of Aqueous α-Cyclodextrin Solutions. Interfacial Morphologies Resulting from Bulk Aggregation. Langmuir, 2016, 32, 6682-6690.	3.5	18

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91	Soft Actuated Hybrid Hydrogel with Bioinspired Complexity to Control Mechanical Flexure Behavior for Tissue Engineering. Nanomaterials, 2020, 10, 1302.	4.1	18
92	The selfâ€aggregation of sodium perfluorooctanoate in aqueous solution at different temperatures. Journal of Surfactants and Detergents, 2004, 7, 387-395.	2.1	17
93	Self-Assembly Drugs: From Micelles to Nanomedicine. Current Topics in Medicinal Chemistry, 2014, 14, 555-571.	2.1	17
94	Effect ofGd3+on the colloidal stability of liposomes. Physical Review E, 2006, 74, 031913.	2.1	16
95	Different Thermal Unfolding Pathways of Catalase in the Presence of Cationic Surfactants. Journal of Physical Chemistry B, 2007, 111, 2113-2118.	2.6	16
96	Highly efficient photoluminescence of SiO2 and Ce–SiO2 microfibres and microspheres. Dalton Transactions, 2013, 42, 7991.	3.3	16
97	Towards improved magnetic fluid hyperthermia: major-loops to diminish variations in local heating. Physical Chemistry Chemical Physics, 2017, 19, 14527-14532.	2.8	16
98	Apparent molar quantities of sodium octanoate in aqueous solutions. Colloid and Polymer Science, 2004, 282, 1133-1139.	2.1	15
99	Temperature dependence of second critical micelle concentration of dodecyldimethylbenzylammonium bromide in aqueous solution. Colloid and Polymer Science, 2004, 282, 1169-1173.	2.1	15
100	The nature of the coacervate formed in the aqueous dodecyltrimethylammonium bromide–sodium 10-undecenoate mixtures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 277, 75-82.	4.7	15
101	The critical micelle concentration of tetraethylammonium perfluorooctylsulfonate in water. Journal of Colloid and Interface Science, 2006, 294, 458-465.	9.4	15
102	Rheological properties of ovalbumin hydrogels as affected by surfactants addition. International Journal of Biological Macromolecules, 2011, 48, 495-500.	7.5	15
103	Activity and Osmotic Coefficients of Promethazine and Chlorpromazine Hydrochlorides in Aqueous Solutions of Low Ionic Strength. Journal of Chemical & Engineering Data, 1999, 44, 941-943.	1.9	14
104	Surface behaviour of C5, C6, C7 and C8 lecithins at the aqueous solution/air interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 216, 91-96.	4.7	14
105	Surface films of short fluorocarbon–hydrocarbon diblocks studied by molecular dynamics simulations: Spontaneous formation of elongated hemimicelles. Journal of Colloid and Interface Science, 2009, 329, 351-356.	9.4	14
106	Mimicking Natural Fibrous Structures of Opals by Means of a Microemulsion-Mediated Hydrothermal Method. Langmuir, 2011, 27, 8905-8912.	3.5	14
107	Investigating the effect of an arterial hypertension drug on the structural properties of plasma protein. Colloids and Surfaces B: Biointerfaces, 2011, 87, 489-497.	5.0	14
108	Assessing structure and dynamics of fibrinogen films on silicon nanofibers: towards hemocompatibility devices. Soft Matter, 2012, 8, 6582.	2.7	14

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109	Self-fluorescent antibiotic MoO <sub>x</sub> –hydroxyapatite: a nano-theranostic platform for bone infection therapies. Nanoscale, 2019, 11, 17277-17292.	5.6	14
110	Interactions Between Liposomes and Cations in Aqueous Solution. Journal of Liposome Research, 2003, 13, 131-145.	3.3	13
111	A nonparametric approach to calculate critical micelle concentrations: the local polynomial regression method. European Physical Journal E, 2004, 13, 133-140.	1.6	13
112	Thermodynamics of micellization of tetraethylammonium perfluorooctylsulfonate in water. Journal of Colloid and Interface Science, 2006, 297, 10-21.	9.4	13
113	A study on the protein concentration dependence of the thermodynamics of micellization. Journal of Chemical Thermodynamics, 2008, 40, 1445-1450.	2.0	13
114	Striped, bioactive Ce–TiO <sub>2</sub> materials with peroxynitrite-scavenging activity. Journal of Materials Chemistry B, 2014, 2, 834-845.	5.8	13
115	Mechanical Properties of Composite Hydrogels for Tissue Engineering. Current Topics in Medicinal Chemistry, 2018, 18, 1214-1223.	2.1	13
116	The engineering and immobilization of penicillin G acylase onto thermoâ€sensitive triâ€block copolymer system. Polymers for Advanced Technologies, 2019, 30, 86-93.	3.2	13
117	Screening for resistance to broomrape (Orobanche cernua) in cultivated sunflower. Plant Breeding, 1996, 115, 201-202.	1.9	12
118	Multilayer adsorption model for the protein–ligand interaction. Journal of Chemical Physics, 2001, 114, 7682-7687.	3.0	12
119	Self-association of n  -hexyltrimethyl-ammonium bromide in aqueous electrolyte solution. Colloid and Polymer Science, 2002, 280, 336-341.	2.1	12
120	A thermodynamic study of the aggregation process of oxacillin sodium salt in aqueous solution. Colloid and Polymer Science, 2002, 280, 624-629.	2.1	12
121	Effect of ceria on the organization and bio-ability of anatase fullerene-like crystals. RSC Advances, 2015, 5, 8077-8087.	3.6	12
122	Immobilization of penicillin G acylase on a novel paramagnetic composite carrier with epoxy groups. Advanced Composites and Hybrid Materials, 2019, 2, 720-734.	21.1	12
123	Study on synthesis and adsorption properties of ReO4â^ ion imprinted polymer. Journal of Polymer Research, 2020, 27, 1.	2.4	12
124	Exploring the conformational binding mechanism of fibrinogen induced by interactions with penicillin β-lactam antibiotic drugs. Journal of Molecular Liquids, 2021, 324, 114667.	4.9	12
125	Conformational binding mechanism of lysozyme induced by interactions with penicillin antibiotic drugs. Journal of Molecular Liquids, 2022, 358, 119081.	4.9	12
126	Adsorption of a cationic amphiphilic drug on human serum albumin: characterization of the complex. Physical Chemistry Chemical Physics, 2001, 3, 1655-1660.	2.8	11

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127	The self-association of acebutolol: Conductometry and light scattering. Journal of Chemical Physics, 2003, 118, 5964-5970.	3.0	11
128	Study of the interaction between lysozyme and sodium octanoate in aqueous solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 249, 45-50.	4.7	11
129	Langmuir Monolayers of a Hydrogenated/Fluorinated Catanionic Surfactant: From the Macroscopic to the Nanoscopic Size Scale. Langmuir, 2009, 25, 8075-8082.	3.5	11
130	Thermodynamic and elastic fluctuation analysis of langmuir mixed monolayers composed by dehydrocholic acid (HDHC) and didodecyldimethylammonium bromide (DDAB). Colloids and Surfaces B: Biointerfaces, 2010, 75, 34-41.	5.0	11
131	Temperature dependence of micellar sphere-to-rod transition using adiabatic compressibility. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 356, 84-88.	4.7	11
132	Structural and energetic evolution of fibrinogen toward to the betablocker interactions. International Journal of Biological Macromolecules, 2019, 137, 405-419.	7.5	11
133	Non-Debye screening in ionic solutions: Generalization of the modified mean spherical approximation. Journal of Chemical Physics, 2000, 113, 10174-10179.	3.0	10
134	Thermodynamic Study of Self-Assembly Behavior of Propranolol Hydrochloride in Aqueous Solutions as a Function of Electrolyte Concentration and Temperature. Journal of Chemical & Engineering Data, 2003, 48, 1597-1602.	1.9	10
135	Colloidal properties of benzylpenicillin. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 236, 121-131.	4.7	10
136	On the Self-Assembly of a Highly Selective Benzothiazole-Based TIM Inhibitor in Aqueous Solution. Langmuir, 2010, 26, 16681-16689.	3.5	10
137	Self-assembling drugs: A new therapeutic strategy. Soft Matter, 2011, 7, 5194.	2.7	10
138	Self-Assembled Binary Nanoscale Systems: Multioutput Model with LFER-Covariance Perturbation Theory and an Experimental–Computational Study of NaGDC-DDAB Micelles. Langmuir, 2015, 31, 12009-12018.	3.5	10
139	Mapping the underlying mechanisms of fibrinogen benzothiazole drug interactions using computational and experimental approaches. International Journal of Biological Macromolecules, 2020, 163, 730-744.	7.5	10
140	New sunflower mutants with altered seed fatty acid composition. Progress in Lipid Research, 1994, 33, 147-154.	11.6	9
141	Determination of the aggregation properties of weakly self-associating systems by NMR techniques: the self-association of propranolol hydrochloride in aqueous electrolyte solution. Physical Chemistry Chemical Physics, 2000, 2, 1261-1265.	2.8	9
142	Biomimetic formation of crystalline bone-like apatite layers on spongy materials templated by bile salts aggregates. Journal of Materials Science, 2012, 47, 2837-2844.	3.7	9
143	Thermodynamic study of the thermal denaturation of a globular protein in the presence of different ligands. Journal of Thermal Analysis and Calorimetry, 2007, 87, 143-147.	3.6	8
144	Spread mixed monolayers of deoxycholic and dehydrocholic acids at the air–water interface, effect of subphase pH. Characterization by axisymmetric drop shape analysis. Biophysical Chemistry, 2008, 132, 39-46.	2.8	8

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145	Interactions in binary mixed systems involving betablockers with different lipophilicity as a function of temperature and mixed ratios. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2009, 334, 116-123.	4.7	8
146	Role of nanostructured materials in hard tissue engineering. Advances in Colloid and Interface Science, 2022, 304, 102682.	14.7	8
147	Secondary structure of prothymosin α evidenced for conformational transitions induced by changes in temperature and concentration of n -dodecyltrimethylammonium bromide. European Biophysics Journal, 2001, 30, 242-249.	2.2	7
148	Apparent and partial molar volumes of long-chain alkyldimethylbenzylammonium chlorides and bromides in aqueous solutions at T=15 °C and T=25 °C. Journal of Chemical Thermodynamics, 2003, 35, 1983-1992.	2.0	7
149	The Influence of Sodium Perfluorooctanoate on the Conformational Transitions of Human Immunoglobulin. Journal of Physical Chemistry B, 2007, 111, 8045-8052.	2.6	7
150	Interaction of gadolinium with phospholipids bilayer membranes. Journal of Thermal Analysis and Calorimetry, 2007, 87, 199-203.	3.6	7
151	Role of interfacial elasticity of microemulsions on the morphology of TiO2 nanostructures: stiff templates versus flexible templates. Colloid and Polymer Science, 2013, 291, 835-844.	2.1	7
152	Selfâ€regulation in chemical and bioâ€engineering materials for intelligent systems. CAAI Transactions on Intelligence Technology, 2018, 3, 40-48.	8.1	7
153	Computational modeling on mitochondrial channel nanotoxicity. Nano Today, 2020, 34, 100913.	11.9	7
154	Hydroxyapatite Nanoparticle Mesogens: Morphogenesis of pH-Sensitive Macromolecular Liquid Crystals. Crystal Growth and Design, 2021, 21, 2154-2166.	3.0	7
155	Surface Tension Measurements on the Penicillin Sodium Nafcillin. Journal of Chemical & Engineering Data, 2000, 45, 512-514.	1.9	7
156	Self-association of Verapamil in Aqueous Electrolyte Solution. Journal of Colloid and Interface Science, 2001, 241, 459-464.	9.4	6
157	Complexes of penicillins and human serum albumin studied by static light scattering. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 224, 251-256.	4.7	6
158	Examination of the influence of F6H10 fluorinated diblocks on DPPC liposomes. Journal of Thermal Analysis and Calorimetry, 2007, 87, 301-304.	3.6	6
159	Electrophoretic and spectroscopic characterization of the protein patterns formed in different surfactant solutions. International Journal of Biological Macromolecules, 2008, 42, 22-26.	7.5	6
160	Ca2+- and Mg2+-induced molecular interactions in a dehydrocholic acid/didodecyldimethylammonium bromide mixed monolayer. Colloid and Polymer Science, 2010, 288, 449-459.	2.1	6
161	Surfactants Based on Bisâ€Galactobenzimidazolones: Synthesis, Selfâ€Assembly and Ion Sensing Properties. Journal of Surfactants and Detergents, 2011, 14, 487-495.	2.1	6
162	Changes in thermodynamic and structural characteristics of polymerized and monomer surfactants induced by introduction of a hydrotrope. Journal of Molecular Liquids, 2017, 246, 197-207.	4.9	6

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164	Targeting Beta-Blocker Drug–Drug Interactions with Fibrinogen Blood Plasma Protein: A Computational and Experimental Study. Molecules, 2020, 25, 5425.	3.8	6
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