

Juan Ruso

List of Publications by Year in descending order

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208
papers

4,392
citations

109137

35
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215
docs citations

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times ranked

3889
citing authors

#	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. <i>Environmental Science & Technology</i> , 2014, 48, 14686-14694.	4.6	124
2	Size and stability of liposomes: A possible role of hydration and osmotic forces. <i>European Physical Journal E</i> , 2006, 20, 401-408.	0.7	118
3	Computer-aided nanotoxicology: assessing cytotoxicity of nanoparticles under diverse experimental conditions by using a novel QSTR-perturbation approach. <i>Nanoscale</i> , 2014, 6, 10623.	2.8	118
4	Computational ecotoxicology: Simultaneous prediction of ecotoxic effects of nanoparticles under different experimental conditions. <i>Environment International</i> , 2014, 73, 288-294.	4.8	102
5	Selection of Wild and Cultivated Sunflower for Resistance to a New Broomrape Race that Overcomes Resistance of the <i>Or5</i> Gene. <i>Crop Science</i> , 2000, 40, 550-555.	0.8	87
6	General Theory for Multiple Input-Output Perturbations in Complex Molecular Systems. 1. Linear QSPR Electronegativity Models in Physical, Organic, and Medicinal Chemistry. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 1713-1741.	1.0	83
7	Surface properties of some amphiphilic antidepressant drugs. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2001, 179, 125-128.	2.3	76
8	Enabling the Discovery and Virtual Screening of Potent and Safe Antimicrobial Peptides. Simultaneous Prediction of Antibacterial Activity and Cytotoxicity. <i>ACS Combinatorial Science</i> , 2016, 18, 490-498.	3.8	73
9	Complexation between Dodecyl Sulfate Surfactant and Zein Protein in Solution. <i>Langmuir</i> , 2004, 20, 8988-8991.	1.6	71
10	A comparative study of the physicochemical properties of perfluorinated and hydrogenated amphiphiles. <i>Journal of Colloid and Interface Science</i> , 2005, 288, 247-260.	5.0	71
11	Static and dynamic light scattering study on the association of some antidepressants in aqueous electrolyte solutions. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 5175-5179.	1.3	70
12	Self-Association of Amphiphilic Penicillins in Aqueous Electrolyte Solution: A Light-Scattering and NMR Study. <i>Langmuir</i> , 1999, 15, 2022-2028.	1.6	69
13	Thermodynamic Properties of Some Antidepressant Drugs in Aqueous Solution. <i>Langmuir</i> , 2001, 17, 173-177.	1.6	57
14	First Multitarget Chemo-Bioinformatic Model To Enable the Discovery of Antibacterial Peptides against Multiple Gram-Positive Pathogens. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 588-598.	2.5	57
15	Water dispersible superparamagnetic Cobalt iron oxide nanoparticles for magnetic fluid hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 419, 533-542.	1.0	52
16	Light Scattering and NMR Studies of the Self-Association of the Amphiphilic Molecule Propranolol Hydrochloride in Aqueous Electrolyte Solutions. <i>Journal of Physical Chemistry B</i> , 1999, 103, 7092-7096.	1.2	49
17	Interactions between DMPC Liposomes and the Serum Blood Proteins HSA and IgG. <i>Journal of Physical Chemistry B</i> , 2009, 113, 1655-1661.	1.2	49
18	Self-Association of the Penicillin Sodium Nafcillin in Aqueous Solution. <i>Langmuir</i> , 2000, 16, 3175-3181.	1.6	47

#	ARTICLE	IF	CITATIONS
19	Adsorption/desorption study of antibiotic and anti-inflammatory drugs onto bioactive hydroxyapatite nano-rods. <i>Materials Science and Engineering C</i> , 2019, 99, 180-190.	3.8	46
20	Study of the interactions between lysozyme and a fully-fluorinated surfactant in aqueous solution at different surfactant-protein ratios. <i>International Journal of Biological Macromolecules</i> , 2003, 33, 67-73.	3.6	45
21	A study of the interaction between proteins and fully-fluorinated and fully-hydrogenated surfactants by ζ -potential measurements. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 249, 51-55.	2.3	44
22	Thermodynamics of Association of Structurally Related Amphiphilic Penicillins. <i>Journal of Colloid and Interface Science</i> , 2000, 221, 242-245.	5.0	43
23	Electrical Conductivities and Critical Micelle Concentrations (Determined by the Local Polynomial) Tj ETQq1 1 0.784314 rgBT /Overlook Chemical & Engineering Data, 2004, 49, 1008-1012.	1.0	43
24	Manipulation of Mg ²⁺ Ca ²⁺ Switch on the Development of Bone Mimetic Hydroxyapatite. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15698-15710.	4.0	42
25	ζ -Potential Study on the Interactions between Lysozyme and Sodium-Alkylsulfates. <i>Langmuir</i> , 1998, 14, 5725-5729.	1.6	41
26	Self-Association of Penicillin V in Aqueous Solution. <i>Langmuir</i> , 1999, 15, 6285-6290.	1.6	41
27	Manipulating the bioactivity of hydroxyapatite nano-rods structured networks: Effects on mineral coating morphology and growth kinetic. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 5014-5026.	1.1	40
28	Thermodynamics of Micellization of Surfactants of Low Aggregation Number: The Aggregation of Propranolol Hydrochloride. <i>Journal of Colloid and Interface Science</i> , 1999, 210, 97-102.	5.0	39
29	A Study of the Interaction of the Amphiphilic Penicillins Cloxacillin and Dicloxacillin with Human Serum Albumin in Aqueous Solution. <i>Langmuir</i> , 2001, 17, 5189-5195.	1.6	39
30	Interaction between Penicillins and Human Serum Albumin: A Thermodynamic Study of Micellar-like Clusters on a Protein. <i>Langmuir</i> , 2000, 16, 934-938.	1.6	38
31	Aggregation energies of some amphiphilic antidepressant drugs. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2002, 197, 95-99.	2.3	38
32	Interaction between Penicillins and Human Serum Albumin: A ζ -Potential Study. <i>Langmuir</i> , 2000, 16, 6795-6800.	1.6	37
33	Surface Tensions, Critical Micelle Concentrations, and Standard Free Energies of Micellization of C8 α -Lecithin at Different pHs and Electrolyte Concentrations. <i>Journal of Chemical & Engineering Data</i> , 2002, 47, 1017-1021.	1.0	36
34	A volumetric study of two related amphiphilic beta-blockers as a function of temperature and electrolyte concentration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004, 33, 165-175.	2.5	36
35	Conformational Changes in Human Serum Albumin Induced by Sodium Perfluorooctanoate in Aqueous Solutions. <i>Journal of Physical Chemistry B</i> , 2005, 109, 15566-15573.	1.2	36
36	Effect of Electrolyte on the Surface and Thermodynamic Properties of Amphiphilic Penicillins. <i>Journal of Colloid and Interface Science</i> , 1999, 220, 288-292.	5.0	35

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37	On the Effect of Ca ²⁺ and La ³⁺ on the Colloidal Stability of Liposomes. <i>Langmuir</i> , 2005, 21, 10968-10975.	1.6	35
38	Fibrinogen stability under surfactant interaction. <i>Journal of Colloid and Interface Science</i> , 2011, 362, 118-126.	5.0	34
39	Effects of Fluorinated and Hydrogenated Surfactants on Human Serum Albumin at Different pHs. <i>Biomacromolecules</i> , 2006, 7, 176-182.	2.6	33
40	Development and characterisation of bilayered periosteum-inspired composite membranes based on sodium alginate-hydroxyapatite nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 408-420.	5.0	33
41	Title is missing!. <i>Euphytica</i> , 1999, 106, 69-78.	0.6	32
42	Influence of Molecular Structure on the Ideality of Mixing in Micelles Formed in Binary Mixtures of Surface-Active Drugs. <i>Journal of Colloid and Interface Science</i> , 1999, 216, 270-275.	5.0	31
43	Adsorption of an amphiphilic penicillin onto human serum albumin: characterisation of the complex. <i>Biophysical Chemistry</i> , 2001, 92, 141-153.	1.5	31
44	On relationships between surfactant type and globular proteins interactions in solution. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 37-42.	5.0	31
45	Thermodynamics of Micellization of n-Alkyl Sulfates in an Alkaline Medium at Different Temperatures. <i>Journal of Colloid and Interface Science</i> , 1999, 214, 292-296.	5.0	30
46	Comparison of the thermodynamic properties of structurally related amphiphilic antidepressants in aqueous solution. <i>Colloid and Polymer Science</i> , 2001, 279, 716-720.	1.0	30
47	Regarding the Effect that Different Hydrocarbon/Fluorocarbon Surfactant Mixtures Have on Their Complexation with HSA. <i>Journal of Physical Chemistry B</i> , 2006, 110, 11369-11376.	1.2	30
48	Fractal aggregates induced by liposome-liposome interaction in the presence of Ca ²⁺ . <i>European Physical Journal E</i> , 2007, 24, 201-210.	0.7	30
49	Enhancing CaP Biomimetic Growth on TiO ₂ Cuboids Nanoparticles via Highly Reactive Facets. <i>Langmuir</i> , 2013, 29, 2350-2358.	1.6	30
50	Improved magnetic induction heating of nanoferrites for hyperthermia applications: Correlation with colloidal stability and magneto-structural properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 384, 335-343.	1.0	30
51	Fibrinogen: a journey into biotechnology. <i>Soft Matter</i> , 2016, 12, 8639-8653.	1.2	30
52	Characterization of the Interactions between Lysozyme and n-Alkyltrimethylammonium Bromides by Zeta Potential Measurements. <i>The Journal of Physical Chemistry</i> , 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. <i>Journal of Physical Chemistry B</i> , 2001, 105, 2644-2648.	1.2	29
54	Screening of Wild <i>Helianthus</i> Species and Derived Lines for Resistance to Several Populations of <i>Orobanche cernua</i> . <i>Plant Disease</i> , 1996, 80, 1165.	0.7	29

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55	Ultraviolet-circular dichroism spectroscopy and potentiometric study of the interaction between human serum albumin and sodium perfluorooctanoate. <i>Biopolymers</i> , 2005, 79, 300-309.	1.2	28
56	Synthesis and magnetostructural studies of amine functionalized superparamagnetic iron oxide nanoparticles. <i>RSC Advances</i> , 2015, 5, 18420-18428.	1.7	28
57	Concentration Dependence of the Osmotic and Activity Coefficients of Imipramine and Clomipramine Hydrochlorides in Aqueous Solution. <i>Journal of Chemical & Engineering Data</i> , 1999, 44, 820-822.	1.0	27
58	Thermodynamics of self-assembly of sodium octanoate: comparison with a fully fluorinated counterpart. <i>Molecular Physics</i> , 2003, 101, 3185-3195.	0.8	27
59	Physicochemical study of ovalbumin in the presence of sodium dodecyl sulphate in aqueous media. <i>Colloid and Polymer Science</i> , 2004, 282, 351-356.	1.0	27
60	Surface characterization of human serum albumin and sodium perfluorooctanoate mixed solutions by pendant drop tensiometry and circular dichroism. <i>Biopolymers</i> , 2006, 82, 261-271.	1.2	27
61	Structural and Kinetic Visualization of the Protein Corona on Bioceramic Nanoparticles. <i>Langmuir</i> , 2018, 34, 2471-2480.	1.6	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. <i>Current Drug Metabolism</i> , 2014, 15, 470-488.	0.7	26
63	Temperature-Sensitive Critical Micelle Transition of Sodium Octanoate. <i>Langmuir</i> , 2004, 20, 2512-2514.	1.6	25
64	The study of titanium dioxide modification by glutaraldehyde and its application of immobilized penicillin acylase. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 560, 298-305.	2.3	25
65	MIANN Models in Medicinal, Physical and Organic Chemistry. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 619-641.	1.0	25
66	The Interaction of Human Serum Albumin with Dioctanoylphosphatidylcholine in Aqueous Solutions. <i>Langmuir</i> , 2002, 18, 3300-3305.	1.6	24
67	Thermal stability of lysozyme and myoglobin in the presence of anionic surfactants. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 211-215.	2.0	24
68	Biomimetic fiber mesh scaffolds based on gelatin and hydroxyapatite nano-rods: Designing intrinsic skills to attain bone repair abilities. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 382-391.	2.5	24
69	Advanced Materials Based on Nanosized Hydroxyapatite. <i>Molecules</i> , 2021, 26, 3190.	1.7	24
70	The aqueous cationic system sodium perfluorooctanoate-dodecyltrimethylammonium bromide at low concentration. <i>Journal of Colloid and Interface Science</i> , 2007, 312, 425-431.	5.0	22
71	Assessment of interactions between four proteins and benzothiazole derivatives by DSC and CD. <i>Journal of Chemical Thermodynamics</i> , 2011, 43, 399-404.	1.0	22
72	Interaction of Amphiphilic Propranolol Hydrochloride with Haemoglobin and Albumin in Aqueous Solution. <i>Langmuir</i> , 2000, 16, 10449-10455.	1.6	21

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73	Effect of alkyl chain asymmetry on cationic mixtures of hydrogenated and fluorinated surfactants. <i>Journal of Colloid and Interface Science</i> , 2010, 341, 261-266.	5.0	21
74	Surface Characterization and AFM Imaging of Mixed Fibrinogen-Surfactant Films. <i>Journal of Physical Chemistry B</i> , 2011, 115, 6304-6311.	1.2	21
75	Recent progress in the development of immobilized penicillin G acylase for chemical and industrial applications: A mini-review. <i>Polymers for Advanced Technologies</i> , 2020, 31, 368-388.	1.6	21
76	Light Scattering and NMR Studies on the Self-Aggregation of Sodium Hexyl Sulfate in Aqueous Electrolyte Solution. <i>Langmuir</i> , 2000, 16, 1620-1625.	1.6	20
77	Characterization of phospholipid+semifluorinated alkane vesicle system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 47, 64-70.	2.5	20
78	Albumin-mediated deposition of bone-like apatite onto nano-sized surfaces: Effect of surface reactivity and interfacial hydration. <i>Journal of Colloid and Interface Science</i> , 2017, 494, 345-354.	5.0	20
79	The interaction between n-alkyl trimethylammonium bromides with poly(L-aspartate): a thermodynamics study. <i>Colloid and Polymer Science</i> , 2000, 278, 800-804.	1.0	19
80	A spectroscopic study of the interaction catalase-cationic surfactant (n-decyltrimethylammonium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2004, 6, 816-821.	1.3	19
81	Counterion effect on the solution and thermodynamic properties of lithium perfluoroalkanoates. <i>Molecular Physics</i> , 2005, 103, 3271-3281.	0.8	19
82	Aggregation of liposomes in presence of La^{3+} A study of the fractal dimension. <i>Physical Review E</i> , 2007, 76, 011408.	0.8	19
83	Noble microfluidic system for bioceramic nanoparticles engineering. <i>Materials Science and Engineering C</i> , 2019, 102, 221-227.	3.8	19
84	Self-assembly of sodium heptafluorobutyrate in aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 249, 41-44.	2.3	18
85	Application of thermodynamic models to study micellar properties of sodium perfluoroalkyl carboxylates in aqueous solutions. <i>Chemical Physics</i> , 2005, 313, 245-259.	0.9	18
86	Phase behavior of semifluorinated cationic mixtures: Head group dependence and spontaneous formation of vesicles. <i>Journal of Colloid and Interface Science</i> , 2009, 331, 522-531.	5.0	18
87	Hydrogenated/Fluorinated Cationic Surfactants as Potential Templates for Nanostructure Design. <i>Langmuir</i> , 2011, 27, 9719-9728.	1.6	18
88	Mechanisms of fibrinogen-acebutolol interactions: Insights from DSC, CD and LS. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 581-587.	2.5	18
89	Bioinspired templates for the synthesis of silica nanostructures. <i>Soft Matter</i> , 2012, 8, 9553.	1.2	18
90	Complex Behavior of Aqueous β -Cyclodextrin Solutions. Interfacial Morphologies Resulting from Bulk Aggregation. <i>Langmuir</i> , 2016, 32, 6682-6690.	1.6	18

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91	Soft Actuated Hybrid Hydrogel with Bioinspired Complexity to Control Mechanical Flexure Behavior for Tissue Engineering. <i>Nanomaterials</i> , 2020, 10, 1302.	1.9	18
92	The self- α aggregation of sodium perfluorooctanoate in aqueous solution at different temperatures. <i>Journal of Surfactants and Detergents</i> , 2004, 7, 387-395.	1.0	17
93	Self-Assembly Drugs: From Micelles to Nanomedicine. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 555-571.	1.0	17
94	Effect of Gd ³⁺ on the colloidal stability of liposomes. <i>Physical Review E</i> , 2006, 74, 031913.	0.8	16
95	Different Thermal Unfolding Pathways of Catalase in the Presence of Cationic Surfactants. <i>Journal of Physical Chemistry B</i> , 2007, 111, 2113-2118.	1.2	16
96	Highly efficient photoluminescence of SiO ₂ and Ce ³⁺ /SiO ₂ microfibres and microspheres. <i>Dalton Transactions</i> , 2013, 42, 7991.	1.6	16
97	Towards improved magnetic fluid hyperthermia: major-loops to diminish variations in local heating. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 14527-14532.	1.3	16
98	Apparent molar quantities of sodium octanoate in aqueous solutions. <i>Colloid and Polymer Science</i> , 2004, 282, 1133-1139.	1.0	15
99	Temperature dependence of second critical micelle concentration of dodecyldimethylbenzylammonium bromide in aqueous solution. <i>Colloid and Polymer Science</i> , 2004, 282, 1169-1173.	1.0	15
100	The nature of the coacervate formed in the aqueous dodecyltrimethylammonium bromide-sodium 10-undecenoate mixtures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 277, 75-82.	2.3	15
101	The critical micelle concentration of tetraethylammonium perfluorooctylsulfonate in water. <i>Journal of Colloid and Interface Science</i> , 2006, 294, 458-465.	5.0	15
102	Rheological properties of ovalbumin hydrogels as affected by surfactants addition. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 495-500.	3.6	15
103	Activity and Osmotic Coefficients of Promethazine and Chlorpromazine Hydrochlorides in Aqueous Solutions of Low Ionic Strength. <i>Journal of Chemical & Engineering Data</i> , 1999, 44, 941-943.	1.0	14
104	Surface behaviour of C5, C6, C7 and C8 lecithins at the aqueous solution/air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 216, 91-96.	2.3	14
105	Surface films of short fluorocarbon-hydrocarbon diblocks studied by molecular dynamics simulations: Spontaneous formation of elongated hemimicelles. <i>Journal of Colloid and Interface Science</i> , 2009, 329, 351-356.	5.0	14
106	Mimicking Natural Fibrous Structures of Opals by Means of a Microemulsion-Mediated Hydrothermal Method. <i>Langmuir</i> , 2011, 27, 8905-8912.	1.6	14
107	Investigating the effect of an arterial hypertension drug on the structural properties of plasma protein. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 87, 489-497.	2.5	14
108	Assessing structure and dynamics of fibrinogen films on silicon nanofibers: towards hemocompatibility devices. <i>Soft Matter</i> , 2012, 8, 6582.	1.2	14

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109	Self-fluorescent antibiotic MoO ₃ ·xH ₂ O/hydroxyapatite: a nano-theranostic platform for bone infection therapies. <i>Nanoscale</i> , 2019, 11, 17277-17292.	2.8	14
110	Interactions Between Liposomes and Cations in Aqueous Solution. <i>Journal of Liposome Research</i> , 2003, 13, 131-145.	1.5	13
111	A nonparametric approach to calculate critical micelle concentrations: the local polynomial regression method. <i>European Physical Journal E</i> , 2004, 13, 133-140.	0.7	13
112	Thermodynamics of micellization of tetraethylammonium perfluorooctylsulfonate in water. <i>Journal of Colloid and Interface Science</i> , 2006, 297, 10-21.	5.0	13
113	A study on the protein concentration dependence of the thermodynamics of micellization. <i>Journal of Chemical Thermodynamics</i> , 2008, 40, 1445-1450.	1.0	13
114	Striped, bioactive CeO ₂ /TiO ₂ materials with peroxynitrite-scavenging activity. <i>Journal of Materials Chemistry B</i> , 2014, 2, 834-845.	2.9	13
115	Mechanical Properties of Composite Hydrogels for Tissue Engineering. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 1214-1223.	1.0	13
116	The engineering and immobilization of penicillin G acylase onto thermo-sensitive triblock copolymer system. <i>Polymers for Advanced Technologies</i> , 2019, 30, 86-93.	1.6	13
117	Screening for resistance to broomrape (<i>Orobanche cernua</i>) in cultivated sunflower. <i>Plant Breeding</i> , 1996, 115, 201-202.	1.0	12
118	Multilayer adsorption model for the protein-ligand interaction. <i>Journal of Chemical Physics</i> , 2001, 114, 7682-7687.	1.2	12
119	Self-association of n-hexyltrimethyl-ammonium bromide in aqueous electrolyte solution. <i>Colloid and Polymer Science</i> , 2002, 280, 336-341.	1.0	12
120	A thermodynamic study of the aggregation process of oxacillin sodium salt in aqueous solution. <i>Colloid and Polymer Science</i> , 2002, 280, 624-629.	1.0	12
121	Effect of ceria on the organization and bio-ability of anatase fullerene-like crystals. <i>RSC Advances</i> , 2015, 5, 8077-8087.	1.7	12
122	Immobilization of penicillin G acylase on a novel paramagnetic composite carrier with epoxy groups. <i>Advanced Composites and Hybrid Materials</i> , 2019, 2, 720-734.	9.9	12
123	Study on synthesis and adsorption properties of ReO ₄ ⁻ ion imprinted polymer. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	12
124	Exploring the conformational binding mechanism of fibrinogen induced by interactions with penicillin β-lactam antibiotic drugs. <i>Journal of Molecular Liquids</i> , 2021, 324, 114667.	2.3	12
125	Conformational binding mechanism of lysozyme induced by interactions with penicillin antibiotic drugs. <i>Journal of Molecular Liquids</i> , 2022, 358, 119081.	2.3	12
126	Adsorption of a cationic amphiphilic drug on human serum albumin: characterization of the complex. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 1655-1660.	1.3	11

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127	The self-association of acebutolol: Conductometry and light scattering. <i>Journal of Chemical Physics</i> , 2003, 118, 5964-5970.	1.2	11
128	Study of the interaction between lysozyme and sodium octanoate in aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 249, 45-50.	2.3	11
129	Langmuir Monolayers of a Hydrogenated/Fluorinated Catanionic Surfactant: From the Macroscopic to the Nanoscopic Size Scale. <i>Langmuir</i> , 2009, 25, 8075-8082.	1.6	11
130	Thermodynamic and elastic fluctuation analysis of langmuir mixed monolayers composed by dehydrocholic acid (HDHC) and didodecyltrimethylammonium bromide (DDAB). <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 75, 34-41.	2.5	11
131	Temperature dependence of micellar sphere-to-rod transition using adiabatic compressibility. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 356, 84-88.	2.3	11
132	Structural and energetic evolution of fibrinogen toward to the betablocker interactions. <i>International Journal of Biological Macromolecules</i> , 2019, 137, 405-419.	3.6	11
133	Non-Debye screening in ionic solutions: Generalization of the modified mean spherical approximation. <i>Journal of Chemical Physics</i> , 2000, 113, 10174-10179.	1.2	10
134	Thermodynamic Study of Self-Assembly Behavior of Propranolol Hydrochloride in Aqueous Solutions as a Function of Electrolyte Concentration and Temperature. <i>Journal of Chemical & Engineering Data</i> , 2003, 48, 1597-1602.	1.0	10
135	Colloidal properties of benzylpenicillin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 236, 121-131.	2.3	10
136	On the Self-Assembly of a Highly Selective Benzothiazole-Based TIM Inhibitor in Aqueous Solution. <i>Langmuir</i> , 2010, 26, 16681-16689.	1.6	10
137	Self-assembling drugs: A new therapeutic strategy. <i>Soft Matter</i> , 2011, 7, 5194.	1.2	10
138	Self-Assembled Binary Nanoscale Systems: Multioutput Model with LFER-Covariance Perturbation Theory and an Experimentalâ€“Computational Study of NaGDC-DDAB Micelles. <i>Langmuir</i> , 2015, 31, 12009-12018.	1.6	10
139	Mapping the underlying mechanisms of fibrinogen benzothiazole drug interactions using computational and experimental approaches. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 730-744.	3.6	10
140	New sunflower mutants with altered seed fatty acid composition. <i>Progress in Lipid Research</i> , 1994, 33, 147-154.	5.3	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. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 1261-1265.	1.3	9
142	Biomimetic formation of crystalline bone-like apatite layers on spongy materials templated by bile salts aggregates. <i>Journal of Materials Science</i> , 2012, 47, 2837-2844.	1.7	9
143	Thermodynamic study of the thermal denaturation of a globular protein in the presence of different ligands. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 143-147.	2.0	8
144	Spread mixed monolayers of deoxycholic and dehydrocholic acids at the airâ€“water interface, effect of subphase pH. Characterization by axisymmetric drop shape analysis. <i>Biophysical Chemistry</i> , 2008, 132, 39-46.	1.5	8

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145	Interactions in binary mixed systems involving betablockers with different lipophilicity as a function of temperature and mixed ratios. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 334, 116-123.	2.3	8
146	Role of nanostructured materials in hard tissue engineering. <i>Advances in Colloid and Interface Science</i> , 2022, 304, 102682.	7.0	8
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