Juan M Ruso

List of Publications by Year in descending order

146 papers	3,359 citations	136950 32 h-index	214800 47 g-index
149 all docs	149 docs citations	149 times ranked	2937 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. Environmental Science & Technology, 2014, 48, 14686-14694.	10.0	124
2	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
3	Computational ecotoxicology: Simultaneous prediction of ecotoxic effects of nanoparticles under different experimental conditions. Environment International, 2014, 73, 288-294.	10.0	102
4	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
5	Surface properties of some amphiphilic antidepressant drugs. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2001, 179, 125-128.	4.7	76
6	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
7	Complexation between Dodecyl Sulfate Surfactant and Zein Protein in Solution. Langmuir, 2004, 20, 8988-8991.	3.5	71
8	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
9	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
10	Self-Association of Amphiphilic Penicillins in Aqueous Electrolyte Solution: A Light-Scattering and NMR Study. Langmuir, 1999, 15, 2022-2028.	3.5	69
11	Thermodynamic Properties of Some Antidepressant Drugs in Aqueous Solution. Langmuir, 2001, 17, 173-177.	3.5	57
12	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
13	Water dispersible superparamagnetic Cobalt iron oxide nanoparticles for magnetic fluid hyperthermia. Journal of Magnetism and Magnetic Materials, 2016, 419, 533-542.	2.3	52
14	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
15	Interactions between DMPC Liposomes and the Serum Blood Proteins HSA and IgG. Journal of Physical Chemistry B, 2009, 113, 1655-1661.	2.6	49
16	Self-Association of the Penicillin Sodium Nafcillin in Aqueous Solution. Langmuir, 2000, 16, 3175-3181.	3.5	47
17	Study of the interactions between lysozyme and a fully-fluorinated surfactant in aqueous solution at different surfactantâ€“protein ratios. International Journal of Biological Macromolecules, 2003, 33, 67-73.	7.5	45
18	A study of the interaction between proteins and fully-fluorinated and fully-hydrogenated surfactants by Î¶-potential measurements. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 249, 51-55.	4.7	44

#	Article	IF	Citations
19	Thermodynamics of Association of Structurally Related Amphiphilic Penicillins. Journal of Colloid and Interface Science, 2000, 221, 242-245.	9.4	43
20	Electrical Conductivities and Critical Micelle Concentrations (Determined by the Local Polynomial) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Chemical & Engineering Data, 2004, 49, 1008-1012.	1.9	43
21	Manipulation of Mg²⁺â€“Ca²⁺ Switch on the Development of Bone Mimetic Hydroxyapatite. ACS Applied Materials & Interfaces, 2017, 9, 15698-15710.	8.0	42
22	Self-Association of Penicillin V in Aqueous Solution. Langmuir, 1999, 15, 6285-6290.	3.5	41
23	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
24	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
25	Aggregation energies of some amphiphilic antidepressant drugs. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 197, 95-99.	4.7	38
26	Interaction between Penicillins and Human Serum Albumin:Â A Î¶-Potential Study. Langmuir, 2000, 16, 6795-6800.	3.5	37
27	Surface Tensions, Critical Micelle Concentrations, and Standard Free Energies of Micellization of C8â€²Lecithin at Different pHs and Electrolyte Concentrations. Journal of Chemical & Engineering Data, 2002, 47, 1017-1021.	1.9	36
28	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
29	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
30	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
31	On the Effect of Ca2+and La3+on the Colloidal Stability of Liposomes. Langmuir, 2005, 21, 10968-10975.	3.5	35
32	Fibrinogen stability under surfactant interaction. Journal of Colloid and Interface Science, 2011, 362, 118-126.	9.4	34
33	Effects of Fluorinated and Hydrogenated Surfactants on Human Serum Albumin at Different pHs. Biomacromolecules, 2006, 7, 176-182.	5.4	33
34	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
35	Adsorption of an amphiphilic penicillin onto human serum albumin: characterisation of the complex. Biophysical Chemistry, 2001, 92, 141-153.	2.8	31
36	On relationships between surfactant type and globular proteins interactions in solution. Journal of Colloid and Interface Science, 2007, 316, 37-42.	9.4	31

#	Article	IF	Citations
37	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
38	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
39	Enhancing CaP Biomimetic Growth on TiO₂ Cuboids Nanoparticles via Highly Reactive Facets. Langmuir, 2013, 29, 2350-2358.	3.5	30
40	Fibrinogen: a journey into biotechnology. Soft Matter, 2016, 12, 8639-8653.	2.7	30
41	A Comparative Study of the Interaction between Nafcillin and Catalase by Equilibrium Dialysis and Î¶-Potential Measurements. Journal of Physical Chemistry B, 2001, 105, 2644-2648.	2.6	29
42	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
43	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
44	Thermodynamics of self-assembly of sodium octanoate: comparison with a fully fluorinated counterpart. Molecular Physics, 2003, 101, 3185-3195.	1.7	27
45	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
46	Structural and Kinetic Visualization of the Protein Corona on Bioceramic Nanoparticles. Langmuir, 2018, 34, 2471-2480.	3.5	26
47	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
48	Temperature-Sensitive Critical Micelle Transition of Sodium Octanoate. Langmuir, 2004, 20, 2512-2514.	3.5	25
49	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
50	MIANN Models in Medicinal, Physical and Organic Chemistry. Current Topics in Medicinal Chemistry, 2013, 13, 619-641.	2.1	25
51	The Interaction of Human Serum Albumin with Dioctanoylphosphatidylcholine in Aqueous Solutions. Langmuir, 2002, 18, 3300-3305.	3.5	24
52	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
53	Advanced Materials Based on Nanosized Hydroxyapatite. Molecules, 2021, 26, 3190.	3.8	24
54	The aqueous catanionic system sodium perfluorooctanoateâ€“dodecyltrimethylammonium bromide at low concentration. Journal of Colloid and Interface Science, 2007, 312, 425-431.	9.4	22

#	Article	IF	Citations
55	Assessment of interactions between four proteins and benzothiazole derivatives by DSC and CD. Journal of Chemical Thermodynamics, 2011, 43, 399-404.	2.0	22
56	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
57	Surface Characterization and AFM Imaging of Mixed Fibrinogenâ^'Surfactant Films. Journal of Physical Chemistry B, 2011, 115, 6304-6311.	2.6	21
58	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
59	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
60	Characterization of phospholipid+semifluorinated alkane vesicle system. Colloids and Surfaces B: Biointerfaces, 2006, 47, 64-70.	5.0	20
61	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
62	A spectroscopic study of the interaction catalaseâ€“cationic surfactant (n-decyltrimethylammonium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2004, 6, 816-821.	2.8	19
63	Aggregation of liposomes in presence of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mi>La</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:m A study of the fractal dimension. Physical Review E, 2007, 76, 011408.	2.1	19
64	Noble microfluidic system for bioceramic nanoparticles engineering. Materials Science and Engineering C, 2019, 102, 221-227.	7.3	19
65	Self-assembly of sodium heptafluorobutyrate in aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 249, 41-44.	4.7	18
66	Application of thermodynamic models to study micellar properties of sodium perfluoroalkyl carboxylates in aqueous solutions. Chemical Physics, 2005, 313, 245-259.	1.9	18
67	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
68	Hydrogenated/Fluorinated Catanionic Surfactants as Potential Templates for Nanostructure Design. Langmuir, 2011, 27, 9719-9728.	3.5	18
69	Mechanisms of fibrinogenâ€“acebutolol interactions: Insights from DSC, CD and LS. Colloids and Surfaces B: Biointerfaces, 2011, 82, 581-587.	5.0	18
70	Bioinspired templates for the synthesis of silica nanostructures. Soft Matter, 2012, 8, 9553.	2.7	18
71	Soft Actuated Hybrid Hydrogel with Bioinspired Complexity to Control Mechanical Flexure Behavior for Tissue Engineering. Nanomaterials, 2020, 10, 1302.	4.1	18
72	The selfâ€aggregation of sodium perfluorooctanoate in aqueous solution at different temperatures. Journal of Surfactants and Detergents, 2004, 7, 387-395.	2.1	17

#	Article	IF	Citations
73	Self-Assembly Drugs: From Micelles to Nanomedicine. Current Topics in Medicinal Chemistry, 2014, 14, 555-571.	2.1	17
74	Effect ofGd3+on the colloidal stability of liposomes. Physical Review E, 2006, 74, 031913.	2.1	16
75	Different Thermal Unfolding Pathways of Catalase in the Presence of Cationic Surfactants. Journal of Physical Chemistry B, 2007, 111, 2113-2118.	2.6	16
76	Highly efficient photoluminescence of SiO2 and Ceâ€“SiO2 microfibres and microspheres. Dalton Transactions, 2013, 42, 7991.	3.3	16
77	Towards improved magnetic fluid hyperthermia: major-loops to diminish variations in local heating. Physical Chemistry Chemical Physics, 2017, 19, 14527-14532.	2.8	16
78	Apparent molar quantities of sodium octanoate in aqueous solutions. Colloid and Polymer Science, 2004, 282, 1133-1139.	2.1	15
79	Rheological properties of ovalbumin hydrogels as affected by surfactants addition. International Journal of Biological Macromolecules, 2011, 48, 495-500.	7.5	15
80	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
81	Surface films of short fluorocarbonâ€“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
82	Mimicking Natural Fibrous Structures of Opals by Means of a Microemulsion-Mediated Hydrothermal Method. Langmuir, 2011, 27, 8905-8912.	3.5	14
83	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
84	Assessing structure and dynamics of fibrinogen films on silicon nanofibers: towards hemocompatibility devices. Soft Matter, 2012, 8, 6582.	2.7	14
85	Self-fluorescent antibiotic MoO_xâ€“hydroxyapatite: a nano-theranostic platform for bone infection therapies. Nanoscale, 2019, 11, 17277-17292.	5.6	14
86	Thermodynamics of micellization of tetraethylammonium perfluorooctylsulfonate in water. Journal of Colloid and Interface Science, 2006, 297, 10-21.	9.4	13
87	A study on the protein concentration dependence of the thermodynamics of micellization. Journal of Chemical Thermodynamics, 2008, 40, 1445-1450.	2.0	13
88	Striped, bioactive Ceâ€“TiO₂materials with peroxynitrite-scavenging activity. Journal of Materials Chemistry B, 2014, 2, 834-845.	5.8	13
89	Mechanical Properties of Composite Hydrogels for Tissue Engineering. Current Topics in Medicinal Chemistry, 2018, 18, 1214-1223.	2.1	13
90	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

#	Article	IF	Citations
91	Effect of ceria on the organization and bio-ability of anatase fullerene-like crystals. RSC Advances, 2015, 5, 8077-8087.	3.6	12
92	Exploring the conformational binding mechanism of fibrinogen induced by interactions with penicillin Î²-lactam antibiotic drugs. Journal of Molecular Liquids, 2021, 324, 114667.	4.9	12
93	Conformational binding mechanism of lysozyme induced by interactions with penicillin antibiotic drugs. Journal of Molecular Liquids, 2022, 358, 119081.	4.9	12
94	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
95	The self-association of acebutolol: Conductometry and light scattering. Journal of Chemical Physics, 2003, 118, 5964-5970.	3.0	11
96	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
97	Langmuir Monolayers of a Hydrogenated/Fluorinated Catanionic Surfactant: From the Macroscopic to the Nanoscopic Size Scale. Langmuir, 2009, 25, 8075-8082.	3.5	11
98	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
99	Structural and energetic evolution of fibrinogen toward to the betablocker interactions. International Journal of Biological Macromolecules, 2019, 137, 405-419.	7.5	11
100	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
101	Colloidal properties of benzylpenicillin. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 236, 121-131.	4.7	10
102	On the Self-Assembly of a Highly Selective Benzothiazole-Based TIM Inhibitor in Aqueous Solution. Langmuir, 2010, 26, 16681-16689.	3.5	10
103	Self-assembling drugs: A new therapeutic strategy. Soft Matter, 2011, 7, 5194.	2.7	10
104	Self-Assembled Binary Nanoscale Systems: Multioutput Model with LFER-Covariance Perturbation Theory and an Experimentalâ€“Computational Study of NaGDC-DDAB Micelles. Langmuir, 2015, 31, 12009-12018.	3.5	10
105	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
106	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
107	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
108	Role of nanostructured materials in hard tissue engineering. Advances in Colloid and Interface Science, 2022, 304, 102682.	14.7	8

#	Article	IF	Citations
109	Secondary structure of prothymosin Î± 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
110	The Influence of Sodium Perfluorooctanoate on the Conformational Transitions of Human Immunoglobulin. Journal of Physical Chemistry B, 2007, 111, 8045-8052.	2.6	7
111	Computational modeling on mitochondrial channel nanotoxicity. Nano Today, 2020, 34, 100913.	11.9	7
112	Hydroxyapatite Nanoparticle Mesogens: Morphogenesis of pH-Sensitive Macromolecular Liquid Crystals. Crystal Growth and Design, 2021, 21, 2154-2166.	3.0	7
113	Surface Tension Measurements on the Penicillin Sodium Nafcillin. Journal of Chemical & Engineering Data, 2000, 45, 512-514.	1.9	7
114	Self-association of Verapamil in Aqueous Electrolyte Solution. Journal of Colloid and Interface Science, 2001, 241, 459-464.	9.4	6
115	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
116	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
117	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
118	Mineralization of Layer-by-Layer Ultrathin Films Containing Microfluidic-Produced Hydroxyapatite Nanorods. Crystal Growth and Design, 2019, 19, 6351-6359.	3.0	6
119	Targeting Beta-Blocker Drugâ€“Drug Interactions with Fibrinogen Blood Plasma Protein: A Computational and Experimental Study. Molecules, 2020, 25, 5425.	3.8	6
120	A study of the behaviour of ampicillin in aqueous solution and thermodynamic characterization of its aggregation. Molecular Physics, 2001, 99, 2003-2009.	1.7	5
121	Identifying emerging trends of protein hydrogels for biological scaffolding. RSC Advances, 2013, 3, 24256.	3.6	5
122	Tuning morphology of mesoporous titanium oxides through fluorinated surfactants-based systems. Journal of Porous Materials, 2013, 20, 95-105.	2.6	5
123	Photoluminescent SBA-16 Rhombic Dodecahedral Particles: Assembly, Characterization, and ab Initio Modeling. ACS Applied Materials & Interfaces, 2015, 7, 12740-12750.	8.0	5
124	The immobilization of penicillin G acylase on modified TiO2 with various micro-environments. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 616, 126316.	4.7	5
125	The design and green nanofabrication of noble hydrogel systems with encapsulation of doped bioactive hydroxyapatite toward sustained drug delivery. Journal of Molecular Liquids, 2021, 343, 117598.	4.9	5
126	The surfactant characteristics of short-chain lecithins analyzed through lecithin-lecithin and lecithin-biopolymer interactions. , 2003, , 141-148.		5

#	Article	IF	Citations
127	Models for Self-Assembly of Nanoscale Systems with Biomedical Applications. Current Pharmaceutical Design, 2016, 22, 5211-5220.	1.9	5
128	The micellization of dioctanoylphosphatidylcholine at low pH: a laser light scattering study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 203, 67-75.	4.7	4
129	Partial molar volumes and partial molar adiabatic compressibilities of a short chain perfluorosurfactant: Sodium heptafluorobutyrate in aqueous solutions at different temperatures. Journal of Chemical Thermodynamics, 2005, 37, 1351-1355.	2.0	4
130	Effect of the aniline hydrochloride hydrotrope on the microstructure of SDS/water system: Linear rheological behavior. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 523, 19-26.	4.7	4
131	Study of the interaction of folic acid-modified gold nanorods and fibrinogen through microfluidics: implications for protein adsorption, incorporation and viability of cancer cells. Nanoscale, 2021, 13, 17807-17821.	5.6	4
132	New Mechanistic Insights on Carbon Nanotubesâ€™ Nanotoxicity Using Isolated Submitochondrial Particles, Molecular Docking, and Nano-QSTR Approaches. Biology, 2021, 10, 171.	2.8	4
133	Unraveling the Compositional and Molecular Features Involved in Lysozyme-Benzothiazole Derivative Interactions. Molecules, 2021, 26, 5855.	3.8	4
134	Thermodynamics of micellization of C7and C8lecithins. Molecular Physics, 2002, 100, 1633-1639.	1.7	3
135	Structural Micellar Transition for Fluorinated and Hydrogenated Sodium Carboxylates Induced by Solubilization of Benzyl Alcohol. Langmuir, 2004, 20, 8476-8481.	3.5	3
136	A Versatile Approach towards the Compaction, Decompaction, and Immobilization of DNA at Interfaces by Using Cyclodextrins. ChemPhysChem, 2013, 14, 2544-2553.	2.1	3
137	Role of Biomacromolecules in Biomedical Engineering. Current Topics in Medicinal Chemistry, 2018, 18, 1171-1187.	2.1	3
138	Computational Modeling and Experimental Facts of Mixed Self- Assembly Systems. Current Pharmaceutical Design, 2016, 22, 5249-5256.	1.9	3
139	Computational Modeling of Environmental Co-exposure on Oil-Derived Hydrocarbon Overload by Using Substrate-Specific Transport Protein (TodX) with Graphene Nanostructures. Current Topics in Medicinal Chemistry, 2020, 20, 2308-2325.	2.1	3
140	Volumetric properties of sodium perfluoroalkylcarboxylates in aqueous solutions at different temperatures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 290, 50-55.	4.7	2
141	The Effect of Aniline Hydrochloride Hydrotrope on the Phase Behavior of SDS/Water System. Journal of Surfactants and Detergents, 2017, 20, 659-671.	2.1	2
142	Quantitative analysis of complex nanocomposites based on straight skeletonization. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 562, 71-78.	4.7	2
143	Thermodynamics of self-assembly of sodium octanoate: comparison with a fully fluorinated counterpart. Molecular Physics, 2003, 101, 3185-3195.	1.7	1
144	Hydrogenated versus Fluorinated Surfactants. , 0, , 3107-3119.		1

#	Article	IF	Citations
145	A Potentiometric and Spectroscopic Study on the Interaction Between Human Immunoglobulin G and Sodium Perfluorooctanoate in Aqueous Solution. Macromolecular Symposia, 2007, 251, 103-111.	0.7	0
146	Corrigendum to: Computational Modeling of Environmental Co-exposure on Oil-Derived Hydrocarbon Overload by Using Substrate-Specific Transport Protein (TodX) with Graphene Nanostructures. Current Topics in Medicinal Chemistry, 2021, 21, 839-839.	2.1	0