

Juan Ruso

List of Publications by Year in descending order

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208
papers

4,392
citations

109137

35
h-index

189595

50
g-index

215
all docs

215
docs citations

215
times ranked

3889
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling and experimental validation of covalent immobilization of <i>Trametes maxima</i> laccase on glyoxyl and MANA- β -Sephacryl CL 4B supports, for the use in bioconversion of residual colorants. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 479-491.	1.4	4
2	NIR-Reflective and Hydrophobic Bio-Inspired Nano-Holed Configurations on Titanium Alloy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 5843-5855.	4.0	4
3	Role of nanostructured materials in hard tissue engineering. <i>Advances in Colloid and Interface Science</i> , 2022, 304, 102682.	7.0	8
4	Conformational binding mechanism of lysozyme induced by interactions with penicillin antibiotic drugs. <i>Journal of Molecular Liquids</i> , 2022, 358, 119081.	2.3	12
5	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
6	Study of the interaction of folic acid-modified gold nanorods and fibrinogen through microfluidics: implications for protein adsorption, incorporation and viability of cancer cells. <i>Nanoscale</i> , 2021, 13, 17807-17821.	2.8	4
7	New Mechanistic Insights on Carbon Nanotubes' Nanotoxicity Using Isolated Submitochondrial Particles, Molecular Docking, and Nano-QSTR Approaches. <i>Biology</i> , 2021, 10, 171.	1.3	4
8	Nanomarker for Early Detection of Alzheimer's Disease Combining Ab initio DFT Simulations and Molecular Docking Approach. <i>Biophysica</i> , 2021, 1, 76-86.	0.6	4
9	Hydroxyapatite Nanoparticle Mesogens: Morphogenesis of pH-Sensitive Macromolecular Liquid Crystals. <i>Crystal Growth and Design</i> , 2021, 21, 2154-2166.	1.4	7
10	Advanced Materials Based on Nanosized Hydroxyapatite. <i>Molecules</i> , 2021, 26, 3190.	1.7	24
11	Corrigendum to: Computational Modeling of Environmental Co-exposure on Oil-Derived Hydrocarbon Overload by Using Substrate-Specific Transport Protein (TodX) with Graphene Nanostructures. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 839-839.	1.0	0
12	The immobilization of penicillin G acylase on modified TiO ₂ with various micro-environments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 616, 126316.	2.3	5
13	Unraveling the Compositional and Molecular Features Involved in Lysozyme-Benzothiazole Derivative Interactions. <i>Molecules</i> , 2021, 26, 5855.	1.7	4
14	The design and green nanofabrication of noble hydrogel systems with encapsulation of doped bioactive hydroxyapatite toward sustained drug delivery. <i>Journal of Molecular Liquids</i> , 2021, 343, 117598.	2.3	5
15	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
16	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
17	Targeting Beta-Blocker Drug-Drug Interactions with Fibrinogen Blood Plasma Protein: A Computational and Experimental Study. <i>Molecules</i> , 2020, 25, 5425.	1.7	6
18	Soft Actuated Hybrid Hydrogel with Bioinspired Complexity to Control Mechanical Flexure Behavior for Tissue Engineering. <i>Nanomaterials</i> , 2020, 10, 1302.	1.9	18

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19	Computational modeling on mitochondrial channel nanotoxicity. <i>Nano Today</i> , 2020, 34, 100913.	6.2	7
20	Study on synthesis and adsorption properties of ReO ₄ ⁻ ion imprinted polymer. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	12
21	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
22	Computational Modeling of Environmental Co-exposure on Oil-Derived Hydrocarbon Overload by Using Substrate-Specific Transport Protein (TodX) with Graphene Nanostructures. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 2308-2325.	1.0	3
23	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
24	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
25	Mineralization of Layer-by-Layer Ultrathin Films Containing Microfluidic-Produced Hydroxyapatite Nanorods. <i>Crystal Growth and Design</i> , 2019, 19, 6351-6359.	1.4	6
26	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
27	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
28	Noble surface molecularly imprinted polymer modified titanium dioxide toward solanesol adsorption selectivity study. <i>Journal of Materials Research</i> , 2019, 34, 3271-3287.	1.2	4
29	The study of ultrasound-assisted extraction of flavonoids from <i>Polygonum cuspidatum</i> Sieb. et Zucc.. <i>Journal of Materials Research</i> , 2019, 34, 3254-3262.	1.2	3
30	Noble microfluidic system for bioceramic nanoparticles engineering. <i>Materials Science and Engineering C</i> , 2019, 102, 221-227.	3.8	19
31	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
32	Quantitative analysis of complex nanocomposites based on straight skeletonization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 562, 71-78.	2.3	2
33	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
34	Structural and Kinetic Visualization of the Protein Corona on Bioceramic Nanoparticles. <i>Langmuir</i> , 2018, 34, 2471-2480.	1.6	26
35	Biopolymers: Relation of Structure to Function in Medicinal Chemistry. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 1169-1170.	1.0	0
36	Mechanical Properties of Composite Hydrogels for Tissue Engineering. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 1214-1223.	1.0	13

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37	Role of Biomacromolecules in Biomedical Engineering. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 1171-1187.	1.0	3
38	Effect of variable conditions on the adsorption selectivity of molecularly imprinted polymers. <i>Advanced Composites and Hybrid Materials</i> , 2018, 1, 777-784.	9.9	2
39	Self-regulation in chemical and bioengineering materials for intelligent systems. <i>CAAI Transactions on Intelligence Technology</i> , 2018, 3, 40-48.	3.4	7
40	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
41	The Effect of Aniline Hydrochloride Hydrotrope on the Phase Behavior of SDS/Water System. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 659-671.	1.0	2
42	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
43	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
44	Effect of the aniline hydrochloride hydrotrope on the microstructure of SDS/water system: Linear rheological behavior. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 523, 19-26.	2.3	4
45	Changes in thermodynamic and structural characteristics of polymerized and monomer surfactants induced by introduction of a hydrotrope. <i>Journal of Molecular Liquids</i> , 2017, 246, 197-207.	2.3	6
46	Fibrinogen: a journey into biotechnology. <i>Soft Matter</i> , 2016, 12, 8639-8653.	1.2	30
47	Polymersomes mimic biofilms fractal growth. <i>Journal of Polymer Research</i> , 2016, 23, 1.	1.2	3
48	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
49	Complex Behavior of Aqueous β -Cyclodextrin Solutions. Interfacial Morphologies Resulting from Bulk Aggregation. <i>Langmuir</i> , 2016, 32, 6682-6690.	1.6	18
50	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
51	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
52	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
53	Biopolymers in Regenerative Medicine: Overview, Current Advances and Future Trends. , 2016, , 1-37.		1
54	Models for Self-Assembly of Nanoscale Systems with Biomedical Applications. <i>Current Pharmaceutical Design</i> , 2016, 22, 5211-5220.	0.9	5

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55	Computational Modeling and Experimental Facts of Mixed Self-Assembly Systems. <i>Current Pharmaceutical Design</i> , 2016, 22, 5249-5256.	0.9	3
56	Photoluminescent SBA-16 Rhombic Dodecahedral Particles: Assembly, Characterization, and ab Initio Modeling. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 12740-12750.	4.0	5
57	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
58	Synthesis and magnetostructural studies of amine functionalized superparamagnetic iron oxide nanoparticles. <i>RSC Advances</i> , 2015, 5, 18420-18428.	1.7	28
59	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
60	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
61	Multiscale inorganic hierarchically materials: towards an improved orthopaedic regenerative medicine. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 2290-2305.	1.0	5
62	Editorial (Thematic Issue: Nanosystems: An Innovative Tools for Medicinal Chemistry). <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 691-691.	1.0	1
63	Editorial (Thematic Issue: Theoretical & Experimental Study of Self-Assembled Systems in Medicinal) <i>Tj ETQq1 1 0.784314 rgBT /Overland</i> <i>Medicinal Chemistry</i> , 2014, 14, 553-554.	1.0	1
64	Striped, bioactive Ceâ€“TiO ₂ materials with peroxyxynitrite-scavenging activity. <i>Journal of Materials Chemistry B</i> , 2014, 2, 834-845.	2.9	13
65	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
66	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
67	Computational ecotoxicology: Simultaneous prediction of ecotoxic effects of nanoparticles under different experimental conditions. <i>Environment International</i> , 2014, 73, 288-294.	4.8	102
68	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
69	Self-Assembly Drugs: From Micelles to Nanomedicine. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 555-571.	1.0	17
70	Highly efficient photoluminescence of SiO ₂ and Ceâ€“SiO ₂ microfibres and microspheres. <i>Dalton Transactions</i> , 2013, 42, 7991.	1.6	16
71	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
72	Role of interfacial elasticity of microemulsions on the morphology of TiO ₂ nanostructures: stiff templates versus flexible templates. <i>Colloid and Polymer Science</i> , 2013, 291, 835-844.	1.0	7

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73	Identifying emerging trends of protein hydrogels for biological scaffolding. RSC Advances, 2013, 3, 24256.	1.7	5
74	Tuning morphology of mesoporous titanium oxides through fluorinated surfactants-based systems. Journal of Porous Materials, 2013, 20, 95-105.	1.3	5
75	Enhancing CaP Biomimetic Growth on TiO ₂ Cuboids Nanoparticles via Highly Reactive Facets. Langmuir, 2013, 29, 2350-2358.	1.6	30
76	A Versatile Approach towards the Compaction, Decompaction, and Immobilization of DNA at Interfaces by Using Cyclodextrins. ChemPhysChem, 2013, 14, 2544-2553.	1.0	3
77	Biomolecular interactions essential instrumentation methods. Frontiers in Bioscience - Scholar, 2013, S5, 786-805.	0.8	0
78	MIANN Models in Medicinal, Physical and Organic Chemistry. Current Topics in Medicinal Chemistry, 2013, 13, 619-641.	1.0	25
79	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.	1.0	83
80	Bioinspired templates for the synthesis of silica nanostructures. Soft Matter, 2012, 8, 9553.	1.2	18
81	Assessing structure and dynamics of fibrinogen films on silicon nanofibers: towards hemocompatibility devices. Soft Matter, 2012, 8, 6582.	1.2	14
82	Biomimetic formation of crystalline bone-like apatite layers on spongy materials templated by bile salts aggregates. Journal of Materials Science, 2012, 47, 2837-2844.	1.7	9
83	Surface Characterization and AFM Imaging of Mixed Fibrinogen-Surfactant Films. Journal of Physical Chemistry B, 2011, 115, 6304-6311.	1.2	21
84	Hydrogenated/Fluorinated Catanionic Surfactants as Potential Templates for Nanostructure Design. Langmuir, 2011, 27, 9719-9728.	1.6	18
85	Mimicking Natural Fibrous Structures of Opals by Means of a Microemulsion-Mediated Hydrothermal Method. Langmuir, 2011, 27, 8905-8912.	1.6	14
86	Rheological properties of ovalbumin hydrogels as affected by surfactants addition. International Journal of Biological Macromolecules, 2011, 48, 495-500.	3.6	15
87	Self-assembling drugs: A new therapeutic strategy. Soft Matter, 2011, 7, 5194.	1.2	10
88	Fibrinogen stability under surfactant interaction. Journal of Colloid and Interface Science, 2011, 362, 118-126.	5.0	34
89	Assessment of interactions between four proteins and benzothiazole derivatives by DSC and CD. Journal of Chemical Thermodynamics, 2011, 43, 399-404.	1.0	22
90	Surfactants Based on Bis-Galactobenzimidazolones: Synthesis, Self-Assembly and Ion Sensing Properties. Journal of Surfactants and Detergents, 2011, 14, 487-495.	1.0	6

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91	Mechanisms of fibrinogen-acebutolol interactions: Insights from DSC, CD and LS. Colloids and Surfaces B: Biointerfaces, 2011, 82, 581-587.	2.5	18
92	Investigating the effect of an arterial hypertension drug on the structural properties of plasma protein. Colloids and Surfaces B: Biointerfaces, 2011, 87, 489-497.	2.5	14
93	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.	2.5	11
94	Ca ²⁺ - and Mg ²⁺ -induced molecular interactions in a dehydrocholic acid/didodecyldimethylammonium bromide mixed monolayer. Colloid and Polymer Science, 2010, 288, 449-459.	1.0	6
95	Thermodynamic study of functionalized calix[n]arene and resorcinol[n]arene monolayers spreaded at an aqueous pendant drop. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 67, 343-352.	1.6	3
96	Effect of alkyl chain asymmetry on catanionic mixtures of hydrogenated and fluorinated surfactants. Journal of Colloid and Interface Science, 2010, 341, 261-266.	5.0	21
97	Temperature dependence of micellar sphere-to-rod transition using adiabatic compressibility. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 356, 84-88.	2.3	11
98	On the Self-Assembly of a Highly Selective Benzothiazole-Based TIM Inhibitor in Aqueous Solution. Langmuir, 2010, 26, 16681-16689.	1.6	10
99	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.	5.0	14
100	Phase behavior of semifluorinated catanionic mixtures: Head group dependence and spontaneous formation of vesicles. Journal of Colloid and Interface Science, 2009, 331, 522-531.	5.0	18
101	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.	2.3	8
102	Langmuir Monolayers of a Hydrogenated/Fluorinated Catanionic Surfactant: From the Macroscopic to the Nanoscopic Size Scale. Langmuir, 2009, 25, 8075-8082.	1.6	11
103	Interactions between DMPC Liposomes and the Serum Blood Proteins HSA and IgG. Journal of Physical Chemistry B, 2009, 113, 1655-1661.	1.2	49
104	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.	1.5	8
105	A study on the protein concentration dependence of the thermodynamics of micellization. Journal of Chemical Thermodynamics, 2008, 40, 1445-1450.	1.0	13
106	Electrophoretic and spectroscopic characterization of the protein patterns formed in different surfactant solutions. International Journal of Biological Macromolecules, 2008, 42, 22-26.	3.6	6
107	Superheroes aid the teaching of physics. Physics Education, 2008, 43, 569-570.	0.3	0
108	Aggregation of liposomes in presence of La_{3+} A study of the fractal dimension. Physical Review E, 2007, 76, 011408.	0.8	19

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109	A Potentiometric and Spectroscopic Study on the Interaction Between Human Immunoglobulin G and Sodium Perfluorooctanoate in Aqueous Solution. <i>Macromolecular Symposia</i> , 2007, 251, 103-111.	0.4	0
110	The Influence of Sodium Perfluorooctanoate on the Conformational Transitions of Human Immunoglobulin. <i>Journal of Physical Chemistry B</i> , 2007, 111, 8045-8052.	1.2	7
111	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
112	The aqueous catanionic system sodium perfluorooctanoate-dodecyltrimethylammonium bromide at low concentration. <i>Journal of Colloid and Interface Science</i> , 2007, 312, 425-431.	5.0	22
113	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
114	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
115	Interaction of gadolinium with phospholipids bilayer membranes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 199-203.	2.0	7
116	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
117	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
118	Examination of the influence of F6H10 fluorinated diblocks on DPPC liposomes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2007, 87, 301-304.	2.0	6
119	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
120	Effects of Fluorinated and Hydrogenated Surfactants on Human Serum Albumin at Different pHs. <i>Biomacromolecules</i> , 2006, 7, 176-182.	2.6	33
121	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
122	Volumetric properties of sodium perfluoroalkylcarboxylates in aqueous solutions at different temperatures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 290, 50-55.	2.3	2
123	Characterization of phospholipid+semifluorinated alkane vesicle system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 47, 64-70.	2.5	20
124	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
125	The critical micelle concentration of tetraethylammonium perfluorooctylsulfonate in water. <i>Journal of Colloid and Interface Science</i> , 2006, 294, 458-465.	5.0	15
126	Thermodynamics of micellization of tetraethylammonium perfluorooctylsulfonate in water. <i>Journal of Colloid and Interface Science</i> , 2006, 297, 10-21.	5.0	13

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127	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
128	Effect of Gd ³⁺ on the colloidal stability of liposomes. <i>Physical Review E</i> , 2006, 74, 031913.	0.8	16
129	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
130	Partial molar volumes and partial molar adiabatic compressibilities of a short chain perfluorosurfactant: Sodium heptafluorobutyrate in aqueous solutions at different temperatures. <i>Journal of Chemical Thermodynamics</i> , 2005, 37, 1351-1355.	1.0	4
131	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
132	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
133	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
134	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
135	Counterion effect on the solution and thermodynamic properties of lithium perfluoroalkanoates. <i>Molecular Physics</i> , 2005, 103, 3271-3281.	0.8	19
136	Thermodynamics of self-assembly of sodium octanoate: comparison with a fully fluorinated counterpart. <i>Molecular Physics</i> , 2004, 102, 1979-1980.	0.8	0
137	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
138	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
139	Apparent molar quantities of sodium octanoate in aqueous solutions. <i>Colloid and Polymer Science</i> , 2004, 282, 1133-1139.	1.0	15
140	Temperature dependence of second critical micelle concentration of dodecyltrimethylbenzylammonium bromide in aqueous solution. <i>Colloid and Polymer Science</i> , 2004, 282, 1169-1173.	1.0	15
141	The self-assembly of sodium perfluorooctanoate in aqueous solution at different temperatures. <i>Journal of Surfactants and Detergents</i> , 2004, 7, 387-395.	1.0	17
142	Colloidal properties of benzylpenicillin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 236, 121-131.	2.3	10
143	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
144	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

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145	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
146	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
147	Structural Micellar Transition for Fluorinated and Hydrogenated Sodium Carboxylates Induced by Solubilization of Benzyl Alcohol. <i>Langmuir</i> , 2004, 20, 8476-8481.	1.6	3
148	Complexation between Dodecyl Sulfate Surfactant and Zein Protein in Solution. <i>Langmuir</i> , 2004, 20, 8988-8991.	1.6	71
149	Electrical Conductivities and Critical Micelle Concentrations (Determined by the Local Polynomial) Tj ETQq1 1 0.784314 rgBT /Overlo Chemical & Engineering Data, 2004, 49, 1008-1012.	1.0	43
150	Temperature-Sensitive Critical Micelle Transition of Sodium Octanoate. <i>Langmuir</i> , 2004, 20, 2512-2514.	1.6	25
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