

Luis Henrique Mendes da Silva

List of Publications by Year in descending order

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122
papers

3,868
citations

87723

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161609

54
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122
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122
docs citations

122
times ranked

3319
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of 1,3-Dialkylimidazolium Salt Supramolecular Aggregates in Solution. <i>Journal of Physical Chemistry B</i> , 2005, 109, 4341-4349.	1.2	289
2	Calorimetric Investigation of the Formation of Aqueous Two-Phase Systems in Ternary Mixtures of Water, Poly(ethylene oxide) and Electrolytes (Or Dextran). <i>Journal of Physical Chemistry B</i> , 2000, 104, 10069-10073.	1.2	121
3	Liquid-liquid extraction of metal ions without use of organic solvent. <i>Separation and Purification Technology</i> , 2008, 62, 687-693.	3.9	100
4	Separation of Cd and Ni from Ni-Cd batteries by an environmentally safe methodology employing aqueous two-phase systems. <i>Journal of Power Sources</i> , 2009, 193, 908-913.	4.0	99
5	Aqueous two-phase systems: An efficient, environmentally safe and economically viable method for purification of natural dye carmine. <i>Journal of Chromatography A</i> , 2009, 1216, 7623-7629.	1.8	84
6	Adsorption of red azo dyes on multi-walled carbon nanotubes and activated carbon: A thermodynamic study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 529, 531-540.	2.3	84
7	Modeling adsorption of copper(II), cobalt(II) and nickel(II) metal ions from aqueous solution onto a new carboxylated sugarcane bagasse. Part II: Optimization of monocomponent fixed-bed column adsorption. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 431-445.	5.0	84
8	Liquid-Liquid Equilibria of an Aqueous Two-Phase System Containing Poly(ethylene) Glycol 1500 and Sulfate Salts at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 238-241.	1.0	81
9	Investigations on the mechanism of aqueous solubility increase caused by some hydrotropes. <i>Thermochimica Acta</i> , 1999, 328, 161-167.	1.2	72
10	Trimellitated sugarcane bagasse: A versatile adsorbent for removal of cationic dyes from aqueous solution. Part I: Batch adsorption in a monocomponent system. <i>Journal of Colloid and Interface Science</i> , 2018, 515, 172-188.	5.0	69
11	Equilibrium Data for PEG 4000 + Salt + Water Systems from (278.15 to 318.15) K. <i>Journal of Chemical & Engineering Data</i> , 2007, 52, 351-356.	1.0	66
12	Application of aqueous two-phase systems for the development of a new method of cobalt(II), iron(III) and nickel(II) extraction: A green chemistry approach. <i>Journal of Hazardous Materials</i> , 2011, 193, 311-318.	6.5	66
13	Copper recovery from ore by liquid-liquid extraction using aqueous two-phase system. <i>Journal of Hazardous Materials</i> , 2012, 237-238, 209-214.	6.5	61
14	Hydrophobic effect on the partitioning of $[\text{Fe}(\text{CN})_5(\text{NO})]^{2-}$ and $[\text{Fe}(\text{CN})_6]^{3-}$ anions in aqueous two-phase systems formed by triblock copolymers and phosphate salts. <i>Separation and Purification Technology</i> , 2008, 60, 103-112.	3.9	59
15	A colorimetric biosensor for the detection of foodborne bacteria. <i>Sensors and Actuators B: Chemical</i> , 2011, 153, 17-23.	4.0	59
16	Application of hydrophobic extractant in aqueous two-phase systems for selective extraction of cobalt, nickel and cadmium. <i>Journal of Chromatography A</i> , 2013, 1279, 13-19.	1.8	59
17	Removal of Acid Green 68:1 from aqueous solutions by calcined and uncalcined layered double hydroxides. <i>Applied Clay Science</i> , 2013, 80-81, 189-195.	2.6	58
18	Cryogel Poly(acrylamide): Synthesis, Structure and Applications. <i>Separation and Purification Reviews</i> , 2014, 43, 241-262.	2.8	54

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19	Liquid-Liquid Equilibria of Biphasic Systems Composed of Sodium Citrate + Polyethylene(glycol) 1500 or 4000 at Different Temperatures. Journal of Chemical & Engineering Data, 2008, 53, 895-899.	1.0	53
20	Nitroprusside-PEO Enthalpic Interaction as a Driving Force for Partitioning of the [Fe(CN)5NO]2-Anion in Aqueous Two-Phase Systems Formed by Poly(ethylene oxide) and Sulfate Salts. Journal of Physical Chemistry B, 2006, 110, 23540-23546.	1.2	51
21	Hydrophobic interaction adsorption of whey proteins: Effect of temperature and salt concentration and thermodynamic analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 844, 6-14.	1.2	49
22	Thermodynamic and kinetic analyses of curcumin and bovine serum albumin binding. Food Chemistry, 2018, 242, 505-512.	4.2	49
23	Liquid-Liquid Phase Equilibrium of Triblock Copolymer L64, Poly(ethylene oxide- <i>b</i> -propylene) Tj ETQq1 1 0.784314 rgBT /Over Engineering Data, 2009, 54, 1894-1898.	1.0	48
24	Liquid-Liquid Equilibrium of Aqueous Mixture of Triblock Copolymers L35 and F68 with Na2SO4, Li2SO4, or MgSO4. Journal of Chemical & Engineering Data, 2006, 51, 2260-2264.	1.0	46
25	PEO-[M(CN)5NO]x- (M = Fe, Mn, or Cr) Interaction as a Driving Force in the Partitioning of the Pentacyanonitrosylmetallate Anion in ATPS: Strong Effect of the Central Atom. Journal of Physical Chemistry B, 2008, 112, 11669-11678.	1.2	46
26	Control of Microbial Adhesion as a Strategy for Food and Bioprocess Technology. Food and Bioprocess Technology, 2010, 3, 321-332.	2.6	46
27	Phase Compositions of Aqueous Two-Phase Systems Formed by L35 and Salts at Different Temperatures. Journal of Chemical & Engineering Data, 2010, 55, 1193-1199.	1.0	46
28	A green and sensitive method to determine phenols in water and wastewater samples using an aqueous two-phase system. Talanta, 2010, 80, 1139-1144.	2.9	46
29	Liquid-Liquid Equilibrium of Aqueous Two-Phase System Composed of Poly(ethylene glycol) 400 and Sulfate Salts. Journal of Chemical & Engineering Data, 2010, 55, 1247-1251.	1.0	45
30	Partitioning of caseinomacropetide in aqueous two-phase systems. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 858, 205-210.	1.2	44
31	Liquid-Liquid equilibrium of aqueous two-phase systems composed of poly(ethylene oxide) 1500 and different electrolytes ((NH4)2SO4, ZnSO4 and K2HPO4): Experimental and correlation. Fluid Phase Equilibria, 2011, 305, 19-24.	1.4	44
32	Aqueous two-phase systems of copolymer L64+organic salt+water: Enthalpic L64-salt interaction and Othmer-Tobias, NRTL and UNIFAC thermodynamic modeling. Chemical Engineering Journal, 2011, 171, 9-15.	6.6	43
33	Thermodynamic Study of Colorimetric Transitions in Polydiacetylene Vesicles Induced by the Solvent Effect. Journal of Physical Chemistry B, 2010, 114, 13365-13371.	1.2	42
34	Phase diagram and thermodynamic modeling of PEO+organic salts+H2O and PPO+organic salts+H2O aqueous two-phase systems. Fluid Phase Equilibria, 2011, 305, 1-8.	1.4	41
35	Green separation of copper and zinc using triblock copolymer aqueous two-phase systems. Separation and Purification Technology, 2013, 115, 107-113.	3.9	41
36	Liquid-Liquid Equilibria of an Aqueous Two-Phase System Formed by a Triblock Copolymer and Sodium Salts at Different Temperatures. Journal of Chemical & Engineering Data, 2009, 54, 2891-2894.	1.0	39

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37	Phase Diagrams of Aqueous Two-Phase Systems with Organic Salts and F68 Triblock Copolymer at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 1158-1165.	1.0	39
38	Antimicrobial Effects of Silver Nanoparticles against Bacterial Cells Adhered to Stainless Steel Surfaces. <i>Journal of Food Protection</i> , 2012, 75, 701-705.	0.8	39
39	Synthesis and application of a new carboxylated cellulose derivative. Part I: Removal of Co ²⁺ , Cu ²⁺ and Ni ²⁺ from monocomponent spiked aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2016, 483, 185-200.	5.0	38
40	Equilibrium Phase Behavior of Triblock Copolymer + Salt + Water Two-Phase Systems at Different Temperatures and pH. <i>Journal of Chemical & Engineering Data</i> , 2005, 50, 1457-1461.	1.0	37
41	Thermodynamics and optimization of norbixin transfer processes in aqueous biphasic systems formed by polymers and organic salts. <i>Separation and Purification Technology</i> , 2012, 98, 69-77.	3.9	36
42	Adsorption of Chemically Modified Xylans on Eucalyptus Pulp and Its Effect on the Pulp Physical Properties. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 1138-1145.	1.8	34
43	Synthesis and application of a new carboxylated cellulose derivative. Part III: Removal of auramine-O and safranin-T from mono- and bi-component spiked aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 575-590.	5.0	34
44	Polydiacetylene as a Biosensor: Fundamentals and Applications in the Food Industry. <i>Food and Bioprocess Technology</i> , 2010, 3, 172-181.	2.6	32
45	Liquid-Liquid Equilibrium of Aqueous Two-Phase Systems Containing Poly(ethylene) Glycol 4000 and Zinc Sulfate at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 919-922.	1.0	30
46	Ovomucoid partitioning in aqueous two-phase systems. <i>Biochemical Engineering Journal</i> , 2009, 47, 55-60.	1.8	30
47	Application of the response surface methodology for optimization of whey protein partitioning in PEG/phosphate aqueous two-phase system. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1881-1885.	1.2	30
48	Sistemas aquosos bifásicos: fundamentos e aplicações para partição/purificação de proteínas. <i>Química Nova</i> , 2006, 29, 1345-1351.	0.3	29
49	Green recovery of mercury from domestic and industrial waste. <i>Journal of Hazardous Materials</i> , 2016, 304, 417-424.	6.5	29
50	Density, Electrical Conductivity, Kinematic Viscosity, and Refractive Index of Binary Mixtures Containing Poly(ethylene glycol) 4000, Lithium Sulfate, and Water at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2007, 52, 1567-1570.	1.0	28
51	Equilibrium Phase Behavior for Ternary Mixtures of Poly(ethylene) Glycol 6000 + Water + Sulfate Salts at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2008, 53, 2441-2443.	1.0	27
52	The effect of poly(ethylene glycol) on the activity and structure of glucose-6-phosphate dehydrogenase in solution. <i>Colloids and Surfaces B: Biointerfaces</i> , 2002, 26, 291-300.	2.5	26
53	A Novel Micellar Medium Using Triblock Copolymer for Cobalt Determination. <i>Analytical Sciences</i> , 2005, 21, 933-937.	0.8	26
54	Microcalorimetric and SAXS Determination of PEO-SDS Interactions: The Effect of Cosolutes Formed by Ions. <i>Journal of Physical Chemistry B</i> , 2010, 114, 11967-11974.	1.2	26

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55	Binding thermodynamics of synthetic dye Allura Red with bovine serum albumin. Food Chemistry, 2017, 217, 52-58.	4.2	26
56	Insights into protein-curcumin interactions: Kinetics and thermodynamics of curcumin and lactoferrin binding. Food Hydrocolloids, 2020, 105, 105825.	5.6	26
57	Aminated cellulose as a versatile adsorbent for batch removal of As(V) and Cu(II) from mono- and multicomponent aqueous solutions. Journal of Colloid and Interface Science, 2020, 576, 158-175.	5.0	26
58	Thermodynamic studies of partitioning behavior of lysozyme and conalbumin in aqueous two-phase systems. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2579-2584.	1.2	25
59	Phase diagrams, densities and refractive indexes of poly(ethylene oxide)+organic salts+water aqueous two-phase systems: Effect of temperature, anion and molar mass. Fluid Phase Equilibria, 2015, 406, 70-76.	1.4	25
60	Thermodynamic and kinetic study of epigallocatechin-3-gallate-bovine lactoferrin complex formation determined by surface plasmon resonance (SPR): A comparative study with fluorescence spectroscopy. Food Hydrocolloids, 2019, 95, 526-532.	5.6	25
61	Aspectos coloidais da adesão de micro-organismos. Quimica Nova, 2010, 33, 1940-1948.	0.3	24
62	Sistema aquoso bifásico: uma alternativa eficiente para extração de ôenos. Quimica Nova, 2006, 29, 1332-1339.	0.3	22
63	Partitioning of Î±-lactalbumin and Î²-lactoglobulin from cheese whey in aqueous two-phase systems containing poly (ethylene glycol) and sodium polyacrylate. Food and Bioproducts Processing, 2014, 92, 409-415.	1.8	22
64	Determination of driving forces for bovine serum albumin-Ponceau4R binding using surface plasmon resonance and fluorescence spectroscopy: A comparative study. Food Hydrocolloids, 2017, 70, 29-35.	5.6	21
65	Measurement and Correlation of the Phase Equilibrium of Aqueous Two-Phase Systems Composed of Polyethylene(glycol) 1500 or 4000 + Sodium Sulfite + Water at Different Temperatures. Journal of Chemical & Engineering Data, 2014, 59, 382-390.	1.0	20
66	Polydiacetylene/triblock copolymer nanosensor for the detection of native and free bovine serum albumin. Materials Science and Engineering C, 2017, 70, 535-543.	3.8	20
67	Human serum albumin-resveratrol complex formation: Effect of the phenolic chemical structure on the kinetic and thermodynamic parameters of the interactions. Food Chemistry, 2020, 307, 125514.	4.2	20
68	Surface Excess Enthalpy of PEO + Salt +Water and L35 + Salt + Water Aqueous Two-Phase Systems. Journal of Chemical & Engineering Data, 2009, 54, 531-535.	1.0	19
69	Liquid-Liquid Phase Equilibrium of Triblock Copolymer F68, Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (oxide) Chemical & Engineering Data, 2010, 55, 1618-1622.	1.0	19
70	Aqueous two-phase systems: a new approach for the determination of p-aminophenol. Journal of Hazardous Materials, 2011, 192, 292-8.	6.5	19
71	Microcalorimetric study of the adsorption of lactoferrin in supermacroporous continuous cryogel with immobilized Cu ²⁺ ions. Journal of Chromatography A, 2013, 1312, 1-9.	1.8	19
72	Interfacial Tension and Viscosity for Poly(ethylene glycol) + Maltodextrin Aqueous Two-Phase Systems. Journal of Chemical & Engineering Data, 2006, 51, 1144-1147.	1.0	18

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73	Equilibrium Data of the Biphasic System Poly(ethylene oxide) 4000 + Copper Sulfate + Water at (5, 10, 15) °C. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 274-279.	1.0	18
74	Phase Diagram, Densities, and the Refractive Index of New Aqueous Two-Phase System Formed by PEO1500 + Thiosulfate + H ₂ O at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 274-279.	1.0	18
75	Interaction of cinnamic acid and methyl cinnamate with bovine serum albumin: A thermodynamic approach. <i>Food Chemistry</i> , 2017, 237, 525-531.	4.2	18
76	Equilibrium Phase Behavior of Triblock Copolymer + Sodium or + Potassium Hydroxides + Water Two-Phase Systems at Different Temperatures. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 3847-3852.	1.0	17
77	Adsorption isotherms and thermodynamics of β -lactalbumin on an anionic exchanger. <i>Fluid Phase Equilibria</i> , 2013, 348, 39-44.	1.4	17
78	Physicochemical Aspects of Chitosan Dispersibility in Acidic Aqueous Media: Effects of the Food Acid Counter-Anion. <i>Food Biophysics</i> , 2016, 11, 388-399.	1.4	17
79	Liquid biphasic systems formed in ternary mixtures of two organic solvents and ethylene oxide oligomers or polymers. <i>Journal of the Brazilian Chemical Society</i> , 2000, 11, 375-380.	0.6	16
80	Influence of the temperature and type of salt on the phase equilibrium of peg 1500 + potassium phosphate and peg 1500 + sodium citrate aqueous two-phase systems. <i>Quimica Nova</i> , 2008, 31, 209-213.	0.3	16
81	Kinetics and thermodynamics of bovine serum albumin interactions with Congo red dye. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 737-742.	2.5	16
82	Synthesis and application of sugarcane bagasse cellulose mixed esters. Part I: Removal of Co ²⁺ and Ni ²⁺ from single spiked aqueous solutions in batch mode using sugarcane bagasse cellulose succinate phthalate. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 678-691.	5.0	15
83	Application of pyridine-modified chitosan derivative for simultaneous adsorption of Cu(II) and oxyanions of Cr(VI) from aqueous solution. <i>Journal of Environmental Management</i> , 2021, 282, 111939.	3.8	15
84	Microcalorimetric study of adsorption of glycomacropptide on anion-exchange chromatography adsorbent. <i>Journal of Chromatography A</i> , 2009, 1216, 4440-4444.	1.8	14
85	Partitioning of glutenin flour of special wheat using aqueous two-phase systems. <i>Journal of Cereal Science</i> , 2010, 52, 270-274.	1.8	14
86	Alternativas verdes para o preparo de amostra e determinação de poluentes fenólicos em água. <i>Quimica Nova</i> , 2010, 33, 1370-1378.	0.3	14
87	Modification of stainless steel surface hydrophobicity by silver nanoparticles: strategies to prevent bacterial adhesion in the food processing. <i>Journal of Adhesion Science and Technology</i> , 2013, 27, 2686-2695.	1.4	14
88	Equilibrium Data for Poly(propylene glycol) + Sucrose + Water and Poly(propylene Glycol) + Fructose + Water Systems from (15 to 45) °C. <i>Journal of Chemical & Engineering Data</i> , 2007, 52, 1649-1652.	1.0	13
89	Driving forces for chymosin partitioning on the macromolecule-salt aqueous two phase system. <i>Food and Bioproducts Processing</i> , 2016, 100, 361-371.	1.8	13
90	Curcumin-micellar casein multisite interactions elucidated by surface plasmon resonance. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 860-866.	3.6	13

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91	Polydiacetylene/triblock copolymer/surfactant nanoblend: A simple and rapid method for the colorimetric screening of enrofloxacin residue. <i>Food Chemistry</i> , 2019, 280, 1-7.	4.2	13
92	β -Casein monomers as potential flavonoids nanocarriers: Thermodynamics and kinetics of β -casein-naringin binding by fluorescence spectroscopy and surface plasmon resonance. <i>International Dairy Journal</i> , 2020, 108, 104728.	1.5	13
93	Liquid-liquid equilibrium of the ternary ammonium salt+poly(propylene glycol)+water system. <i>Fluid Phase Equilibria</i> , 2017, 442, 96-103.	1.4	12
94	β -Carotene and Milk Protein Complexation: a Thermodynamic Approach and a Photo Stabilization Study. <i>Food and Bioprocess Technology</i> , 2018, 11, 610-620.	2.6	12
95	Effect of 1-Butyl-3-methylimidazolium Halide on the Relative Stability between Sodium Dodecyl Sulfate Micelles and Sodium Dodecyl Sulfate+Poly(ethylene oxide) Nanoaggregates. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15758-15768.	1.2	11
96	Polydiacetylene/triblock copolymer nanoblend applied as a sensor for micellar casein: A thermodynamic approach. <i>Food Chemistry</i> , 2016, 197, 841-847.	4.2	11
97	Partition of β -lactalbumin and β -lactoglobulin by cloud point extraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 867, 189-193.	1.2	10
98	Distribution and Quality of the Organic Matter in Light and Heavy Fractions of a Red Latosol under Different Uses and Management Practices. <i>Communications in Soil Science and Plant Analysis</i> , 2012, 43, 835-846.	0.6	10
99	Monosegmented Flow Analysis Exploiting Aqueous Two-phase Systems for the Determination of Cobalt. <i>Analytical Sciences</i> , 2012, 28, 1213-1218.	0.8	10
100	A simple and inexpensive thermal optic nanosensor formed by triblock copolymer and polydiacetylene mixture. <i>Food Chemistry</i> , 2018, 241, 358-363.	4.2	10
101	Depletion interactions and modulation of DNA+intercalators binding: Opposite behavior of the neutral-polymer poly(ethylene glycol). <i>Biopolymers</i> , 2016, 105, 227-233.	1.2	9
102	Lactoferrin denaturation induced by anionic surfactants: The role of the ferric ion in the protein stabilization. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 1039-1049.	3.6	9
103	Energetic parameters of β -casein/quercetin activated and thermodynamically stable complex formation accessed by Surface Plasmon Resonance. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 181, 798-805.	2.5	9
104	Temperature modulation of lutein-lysozyme hydrophobic-hydrophilic interaction balance. <i>Journal of Molecular Liquids</i> , 2020, 316, 113887.	2.3	9
105	Doxorubicin hinders DNA condensation promoted by the protein bovine serum albumin (BSA). <i>Biopolymers</i> , 2017, 107, e23071.	1.2	8
106	Synthesis and application of sugarcane bagasse cellulose mixed esters. Part II: Removal of Co^{2+} and Ni^{2+} from single spiked aqueous solutions in batch and continuous mode. <i>Journal of Colloid and Interface Science</i> , 2019, 552, 337-350.	5.0	8
107	β -lactoglobulin conformation influences its interaction with caffeine. <i>Food Bioscience</i> , 2021, 44, 101418.	2.0	8
108	Batch and continuous adsorption of Cu(II) and Zn(II) ions from aqueous solution on bi-functionalized sugarcane-based biosorbent. <i>Environmental Science and Pollution Research</i> , 2022, 29, 26425-26448.	2.7	8

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109	Phase equilibrium of aqueous two-phase systems composed by L35 triblock copolymer + organic and inorganic ammonium electrolytes + water at 298.2 and 313.2 K. <i>Fluid Phase Equilibria</i> , 2018, 469, 26-32.	1.4	7
110	Phase Diagrams, Densities, and Refractive Indexes of Aqueous Two-Phase Systems Comprising (F68, L64,) Tj ETQq0 0 0 rgBT /Overlock 1 of Macromolecule. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 1991-1998.	1.0	6
111	Thermodynamic and kinetic insights into the interactions between functionalized CdTe quantum dots and human serum albumin: A surface plasmon resonance approach. <i>International Journal of Biological Macromolecules</i> , 2021, 184, 990-999.	3.6	6
112	Macromolecular properties from light-scattering experimental data using linear inverse problem theory. <i>International Journal of Quantum Chemistry</i> , 2006, 106, 2731-2736.	1.0	5
113	Acquisition of Water Solubility Diagrams in Ternary Systems (AOT/Organic Solvent/Alcohol) and Extraction of β -Lactalbumin Using Reverse Micellar Systems. <i>Journal of Surfactants and Detergents</i> , 2017, 20, 831-841.	1.0	5
114	Green speciation of iron using aqueous two-phase system. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 1929-1944.	0.3	5
115	Aggregation behavior of self-assembled nanoparticles made from carboxymethyl-hexanoyl chitosan and sodium dodecyl sulphate surfactant in water. <i>Journal of Molecular Liquids</i> , 2019, 278, 253-261.	2.3	5
116	Aggregation of sodium dodecylbenzene sulfonate: Weak molecular interactions modulated by imidazolium cation of short alkyl chain length. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 589, 124435.	2.3	5
117	Calorimetric studies of microemulsion systems with lecithin, isooctane and butanol. <i>Food Research International</i> , 2012, 49, 672-676.	2.9	4
118	Thermodynamic Characterization of Humic Acid-surfactant Interaction: New Insights into the Characteristics and Structure of Humic Acids. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015, 39, 1633-1642.	0.5	3
119	Solvophobic effect of 1-alkyl-3-methylimidazolium chloride on the thermodynamic of complexation between β -cyclodextrin and dodecylpyridinium cation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 582, 123850.	2.3	3
120	Energetic and molecular dynamic characterization of lysozyme/ β -carotene interaction. <i>Journal of Molecular Liquids</i> , 2021, 337, 116404.	2.3	3
121	Application of Congo red dye as a molecular probe to investigate the kinetics and thermodynamics of the formation processes of arachin and conarachin nanocomplexes. <i>Food Chemistry</i> , 2022, 384, 132485.	4.2	2
122	Functionalized Polydiacetylene Vesicles for Lactate Sensing: An Interaction Study. <i>ACS Food Science & Technology</i> , 2021, 1, 745-753.	1.3	1