Ramon G Rubio

List of Publications by Year
in descending order

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234	6,234	66234	114278
papers	citations	42 h-index	63 g-index

236	236	236	3994
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polymerâ€“surfactant systems in bulk and at fluid interfaces. Advances in Colloid and Interface Science, 2016, 233, 38-64.	7.0	175
2	Salt-induced changes in the growth of polyelectrolyte layers of poly(diallyl-dimethylammonium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	1.2	173
3	Particle laden fluid interfaces: Dynamics and interfacial rheology. Advances in Colloid and Interface Science, 2014, 206, 303-319.	7.0	164
4	Wettability of silicananoparticleâ€“surfactant nanocomposite interfacial layers. Soft Matter, 2012, 8, 837-843.	1.2	142
5	Contact angle of micro- and nanoparticles at fluid interfaces. Current Opinion in Colloid and Interface Science, 2014, 19, 355-367.	3.4	126
6	Layer-by-Layer polyelectrolyte assemblies for encapsulation and release of active compounds. Advances in Colloid and Interface Science, 2017, 249, 290-307.	7.0	120
7	Adsorption of polyelectrolytes and polyelectrolytes-surfactant mixtures at surfaces: a physico-chemical approach to a cosmetic challenge. Advances in Colloid and Interface Science, 2015, 222, 461-487.	7.0	110
8	Interfacial microrheology: Particle tracking and related techniques. Current Opinion in Colloid and Interface Science, 2010, 15, 237-245.	3.4	100
9	A closer physico-chemical look to the Layer-by-Layer electrostatic self-assembly of polyelectrolyte multilayers. Advances in Colloid and Interface Science, 2020, 282, 102197.	7.0	100
10	Dilatational rheology of insoluble polymer monolayers: Poly(vinylacetate). Physical Review E, 1998, 58, 7629-7641.	0.8	91
11	Monolayers of Symmetric Triblock Copolymers at the Airâ^'Water Interface. 1. Equilibrium Properties. Langmuir, 2000, 16, 1083-1093.	1.6	90
12	Simultaneous spreading and evaporation: Recent developments. Advances in Colloid and Interface Science, 2014, 206, 382-398.	7.0	90
13	Evaporation of Droplets of Surfactant Solutions. Langmuir, 2013, 29, 10028-10036.	1.6	87
14	Fourier-transform rheology of polymer Langmuir monolayers: Analysis of the non-linear and plastic behaviors. Advances in Colloid and Interface Science, 2006, 122, 67-77.	7.0	85
15	Adsorption Kinetics and Mechanical Properties of Ultrathin Polyelectrolyte Multilayers: Liquid-Supported versus Solid-Supported Films. Journal of Physical Chemistry B, 2009, 113, 7128-7137.	1.2	81
16	pH-Induced Changes in the Fabrication of Multilayers of Poly(acrylic acid) and Chitosan: Fabrication, Properties, and Tests as a Drug Storage and Delivery System. Langmuir, 2011, 27, 6836-6845.	1.6	76
17	Evaporation of sessile water droplets: Universal behaviour in presence of contact angle hysteresis. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 391, 135-144.	2.3	75
18	Polymer monolayers with a small viscoelastic linear regime: Equilibrium and rheology of poly(octadecyl acrylate) and poly(vinyl stearate). Journal of Chemical Physics, 2007, 126, 124904.	1.2	62

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19	Surface rheology, equilibrium and dynamic features at interfaces, with emphasis on efficient tools for probing polymer dynamics at interfaces. Advances in Colloid and Interface Science, 2007, 134-135, 175-189.	7.0	62
20	Monolayers of Symmetric Triblock Copolymers at the Airâ^'Water Interface. 2. Adsorption Kinetics. Langmuir, 2000, 16, 1094-1101.	1.6	61
21	Instantaneous distribution of fluxes in the course of evaporation of sessile liquid droplets: Computer simulations. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 372, 127-134.	2.3	61
22	Growth of Polyelectrolyte Layers Formed by Poly(4-styrenesulfonate sodium salt) and Two Different Polycations: New Insights from Study of Adsorption Kinetics. Journal of Physical Chemistry C, 2012, 116, 15474-15483.	1.5	59
23	Dilational Viscoelasticity of PEOâ^'PPOâ^'PEO Triblock Copolymer Films at the Airâ^'Water Interface in the Range of High Surface Pressures. Langmuir, 2006, 22, 2647-2652.	1.6	56
24	Dilational rheology of Langmuir polymer monolayers: Poor-solvent conditions. Journal of Chemical Physics, 2001, 115, 530-539.	1.2	55
25	Particle and Particle-Surfactant Mixtures at Fluid Interfaces: Assembly, Morphology, and Rheological Description. Advances in Condensed Matter Physics, 2015, 2015, 1-17.	0.4	55
26	Effect of the spreading solvent on the three-phase contact angle of microparticles attached at fluid interfaces. Physical Chemistry Chemical Physics, 2010, 12, 14115.	1.3	54
27	Surface rheology: macro- and microrheology of poly(tert-butyl acrylate) monolayers. Soft Matter, 2011, 7, 7761.	1.2	53
28	Effect of the molecular structure on the adsorption of conditioning polyelectrolytes on solid substrates. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 375, 209-218.	2.3	53
29	Droplets evaporation: Problems and solutions. European Physical Journal: Special Topics, 2011, 197, 265-278.	1.2	52
30	Computer Simulations of Evaporation of Pinned Sessile Droplets: Influence of Kinetic Effects. Langmuir, 2012, 28, 15203-15211.	1.6	52
31	Freezing Transition and Interaction Potential in Monolayers of Microparticles at Fluid Interfaces. Langmuir, 2011, 27, 3391-3400.	1.6	51
32	Novel polymeric micelles for insect pest control: encapsulation of essential oil monoterpenes inside a triblock copolymer shell for head lice control. PeerJ, 2017, 5, e3171.	0.9	51
33	Relaxation Dynamics of Langmuir Polymer Films: A Power-Law Analysis. Physical Review Letters, 2003, 91, 268302.	2.9	50
34	Adsorption of Conditioning Polymers on Solid Substrates with Different Charge Density. ACS Applied Materials & Interfaces, 2011, 3, 3181-3188.	4.0	50
35	Effect of molecular structure of eco-friendly glycolipid biosurfactants on the adsorption of hair-care conditioning polymers. Colloids and Surfaces B: Biointerfaces, 2020, 185, 110578.	2.5	48
36	Evidence of the influence of adsorption kinetics on the internal reorganization of polyelectrolyte multilayers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 384, 274-281.	2.3	47

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37	Influence of the percentage of acetylation on the assembly of LbL multilayers of poly(acrylic acid) and chitosan. Physical Chemistry Chemical Physics, 2011, 13, 18200.	1.3	45
38	Towards understanding the behavior of polyelectrolyteâ€“surfactant mixtures at the water/vapor interface closer to technologically-relevant conditions. Physical Chemistry Chemical Physics, 2018, 20, 1395-1407.	1.3	45
39	Equilibrium and kinetically trapped aggregates in polyelectrolyteâ€“oppositely charged surfactant mixtures. Current Opinion in Colloid and Interface Science, 2020, 48, 91-108.	3.4	45
40	Experimental Study of the Dynamic Properties of Monolayers of PSâˆ’PEO Block Copolymers:Â The Attractive Monomer Surface Case. Macromolecules, 2003, 36, 4068-4077.	2.2	43
41	Long-Time Relaxation Dynamics of Langmuir Films of a Glass-Forming Polymer: Evidence of Glasslike Dynamics in Two Dimensions. Physical Review Letters, 2004, 92, 255503.	2.9	42
42	Study of the Liquid/Vapor Interfacial Properties of Concentrated Polyelectrolyteâ€“Surfactant Mixtures Using Surface Tensiometry and Neutron Reflectometry: Equilibrium, Adsorption Kinetics, and Dilational Rheology. Journal of Physical Chemistry C, 2018, 122, 4419-4427.	1.5	42
43	Equilibrium Behavior and Dilational Rheology of Polyelectrolyte/Insoluble Surfactant Adsorption Films:Â Didodecyldimethylammonium Bromide and Sodium Poly(styrenesulfonate). Journal of Physical Chemistry B, 2005, 109, 18316-18323.	1.2	41
44	Anomalous Damping of the Capillary Waves at the Airâˆ’Water Interface of a Soluble Triblock Copolymer. Langmuir, 2003, 19, 2147-2154.	1.6	40
45	Polyelectrolyte Multilayers Containing Triblock Copolymers of Different Charge Ratio. Langmuir, 2010, 26, 11494-11502.	1.6	40
46	Reptation in langmuir polymer monolayers. Soft Matter, 2010, 6, 4407.	1.2	40
47	Shear rheology of fluid interfaces: Closing the gap between macro- and micro-rheology. Current Opinion in Colloid and Interface Science, 2018, 37, 33-48.	3.4	40
48	Interfacial properties of mixtures of molecular fluids: comparison between theory and experiment; methyl iodide + carbon tetrachloride and acetonitrile + carbon tetrachloride. The Journal of Physical Chemistry, 1992, 96, 8488-8497.	2.9	39
49	Surface Rheology of Two-Dimensional Percolating Networks: Langmuir Films of Polymer Pancakes. Physical Review Letters, 2005, 95, 056103.	2.9	39
50	Regression of vapor-liquid equilibrium data based on application of the maximum-likelihood principle. Fluid Phase Equilibria, 1983, 12, 217-234.	1.4	38
51	Adsorption of water-soluble polymers with surfactant character.. Journal of Colloid and Interface Science, 2007, 307, 398-404.	5.0	38
52	Mixtures with â€œwâ€Shapeâ€•C^E_p curves. A light scattering study. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1989, 93, 48-56.	0.9	37
53	A _{pâ€Vâ€T} Surface for Trifluoromethane. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1989, 93, 791-800.	0.9	36
54	Crossover critical phenomena in an aqueous electrolyte solution: Light scattering, density and viscosity of the 3-methylpyridine+water+NaBr system. Journal of Chemical Physics, 2003, 119, 4428-4436.	1.2	36

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55	Adsorption of Water-Soluble Polymers with Surfactant Character. Dilational Viscoelasticity. Langmuir, 2007, 23, 3802-3808.	1.6	36
56	Adsorption of poly(diallyldimethylammonium chloride)â€"sodium methyl-cocoyl-taurate complexes onto solid surfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 505, 150-157.	2.3	36
57	Critical behavior of ionic micellar systems at different salt concentrations. Journal of Chemical Physics, 1994, 101, 6874-6879.	1.2	35
58	Salt effects on the air/solution interfacial properties of PEO-containing copolymers: Equilibrium, adsorption kinetics and surface rheological behavior. Journal of Colloid and Interface Science, 2013, 400, 49-58.	5.0	35
59	Formation of surfactant free microemulsions in the ternary system water/eugenol/ethanol. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 521, 133-140.	2.3	35
60	Rheology of a Miscible Polymer Blend at the Airâ^'Water Interface. Quasielastic Surface Light Scattering Study and Analysis in Terms of Static and Dynamic Scaling Laws. Journal of Physical Chemistry B, 1999, 103, 2061-2071.	1.2	34
61	Polyelectrolyte Multilayers on Soft Colloidal Nanosurfaces: A New Life for the Layer-By-Layer Method. Polymers, 2021, 13, 1221.	2.0	34
62	Viscoelastic Behavior of 1-Dodecanol Monolayers Undergoing a Liquidâ^'Solid Phase Transition. A Surface Quasielastic Light Scattering Study. Langmuir, 2000, 16, 6657-6666.	1.6	33
63	Equilibration of a Polycationâ€"Anionic Surfactant Mixture at the Water/Vapor Interface. Langmuir, 2018, 34, 7455-7464.	1.6	33
64	Phase Behavior of Dense Colloidal Binary Monolayers. Langmuir, 2012, 28, 16555-16566.	1.6	32
65	Effect of a natural amphoteric surfactant in the bulk and adsorption behavior of polyelectrolyte-surfactant mixtures. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 585, 124178.	2.3	32
66	Deposition of Synthetic and Bio-Based Polycations onto Negatively Charged Solid Surfaces: Effect of the Polymer Cationicity, Ionic Strength, and the Addition of an Anionic Surfactant. Colloids and Interfaces, 2020, 4, 33.	0.9	32
67	Magnetic Microwire Probes for the Magnetic Rod Interfacial Stress Rheometer. Langmuir, 2015, 31, 1410-1420.	1.6	31
68	A broad perspective to particle-laden fluid interfaces systems: from chemically homogeneous particles to active colloids. Advances in Colloid and Interface Science, 2022, 302, 102620.	7.0	31
69	p, T, x, y data of benzene + n-hexane and cyclohexane + n-heptane systems. Fluid Phase Equilibria, 1985, 24, 241-258.	1.4	30
70	Experimental and theoretical study of the equation of state of trifluoromethane in the near-critical region. The Journal of Physical Chemistry, 1991, 95, 3351-3357.	2.9	30
71	Equilibrium and dynamic surface properties of trisiloxane aqueous solutions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 365, 199-203.	2.3	30
72	Local compositions in real mixtures of simple molecules. The Journal of Physical Chemistry, 1987, 91, 1177-1184.	2.9	29

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73	Why do aqueous surfactant solutions spread over hydrophobic substrates?. Advances in Colloid and Interface Science, 2010, 161, 153-162.	7.0	29
74	Range of simple scaling and critical amplitudes near a LCST. The 2-butoxyethanol + water system. Chemical Physics, 1992, 165, 31-39.	0.9	28
75	Rheology of poly(methyl methacrylate) Langmuir monolayers: Percolation transition to a soft glasslike system. Journal of Chemical Physics, 2011, 134, 104704.	1.2	28
76	Thermo- and soluto-capillarity: Passive and active drops. Advances in Colloid and Interface Science, 2017, 247, 52-80.	7.0	28
77	Two Different Scenarios for the Equilibration of Polycationâ€"Anionic Solutions at Waterâ€"Vapor Interfaces. Coatings, 2019, 9, 438.	1.2	28
78	Liquidâ€"liquid critical phenomena. The influence of pressure on the coexistence curve of the methanol + cyclohexane system. Journal of Chemical Physics, 1988, 88, 1934-1943.	1.2	27
79	Coexistence curve of methanol+n-heptane: Range of simple scaling and critical amplitudes. Physical Review B, 1990, 41, 9003-9012.	1.1	27
80	Impact of the bulk aggregation on the adsorption of oppositely charged polyelectrolyte-surfactant mixtures onto solid surfaces. Advances in Colloid and Interface Science, 2020, 282, 102203.	7.0	27
81	Influence of the molecular architecture on the adsorption onto solid surfaces: comb-like polymers. Physical Chemistry Chemical Physics, 2011, 13, 16416.	1.3	26
82	Evaporation kinetics of sessile droplets of aqueous suspensions of inorganic nanoparticles. Journal of Colloid and Interface Science, 2013, 403, 49-57.	5.0	26
83	Vapour-liquid equilibrium of the ethanolâ€"propanal system. Journal of the Chemical Society, Faraday Transactions, 1995, 91, 273-278.	1.7	25
84	Evaporation of Nanosuspensions on Substrates with Different Hydrophobicity. ACS Applied Materials & Interfaces, 2018, 10, 3082-3093.	4.0	25
85	Surfactant-Like Behavior for the Adsorption of Mixtures of a Polycation and Two Different Zwitterionic Surfactants at the Water/Vapor Interface. Molecules, 2019, 24, 3442.	1.7	25
86	Dynamic-Mechanical Study of the Dynamics of Polymer Blends near the Glass Transition. Macromolecules, 1995, 28, 2693-2699.	2.2	24
87	Thermoelastic behaviour of polyvinylacetate monolayers at the air-water interface: Evidences for liquid-solid phase transition. European Physical Journal B, 2000, 13, 745-754.	0.6	24
88	Fluid to soft-glass transition in a quasi-2D system: thermodynamic and rheological evidences for a Langmuir monolayer. Physical Chemistry Chemical Physics, 2011, 13, 9534.	1.3	24
89	Adsorption of Î²-Caseinâ€"Surfactant Mixed Layers at the Airâ€"Water Interface Evaluated by Interfacial Rheology. Journal of Physical Chemistry B, 2012, 116, 4898-4907.	1.2	24
90	A theoretical and experimental study of the equation of state of tetrafluoromethane. The Journal of Physical Chemistry, 1985, 89, 4637-4646.	2.9	23

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91	Thermodynamic properties of simple molecular fluids: tetrafluoromethane and trifluoromethane. Journal of Chemical & Engineering Data, 1991, 36, 171-184.	1.0	23
92	Equation of state of a blend of water-soluble polymers: poly(propylene glycol)+poly(ethylene glycol). Polymer, 2000, 41, 7407-7414.	1.8	23
93	Oil-In-Water Microemulsions for Thymol Solubilization. Colloids and Interfaces, 2019, 3, 64.	0.9	23
94	Excess Gibbs energies of (benzene + n-pentadecane) at 298.15 and 323.15 K. Journal of Chemical Thermodynamics, 1982, 14, 983-989.	1.0	22
95	Dielectric and dynamic-mechanical study of the mobility of poly(t-butylacrylate) chains in diblock copolymers: Polystyrene-b-poly(t-butylacrylate). Polymer, 2008, 49, 5650-5658.	1.8	22
96	Influence of temperature on dynamic surface properties of spread DPPC monolayers in a broad range of surface pressures. Chemistry and Physics of Lipids, 2019, 225, 104812.	1.5	22
97	Excess enthalpies of binary mixtures of ethylbenzene + n-alkanes. Journal of Chemical & Engineering Data, 1985, 30, 24-26.	1.0	21
98	Surface properties of mixtures of molecular fluids: an experimental and theoretical study of carbon disulfide + dichloromethane and carbon disulfide + carbon tetrachloride. The Journal of Physical Chemistry, 1989, 93, 3210-3218.	2.9	21
99	The system poly(4-hydroxystyrene)/poly(vinyl acetate)/acetone: An experimental and theoretical study. Macromolecular Chemistry and Physics, 1994, 195, 1043-1062.	1.1	21
100	Vaporâ€Liquid Equilibrium of the Methanolâ€tertâ€Butyl Methyl Ether (MTBE) System. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1996, 100, 482-489.	0.9	21
101	Capillary Waves in Ionic Surfactant Solutions:Â Effects of the Electrostatic Adsorption Barrier and Analysis in Terms of a New Dispersion Equation. Journal of Physical Chemistry B, 2002, 106, 5636-5644.	1.2	21
102	Dilational rheology of monolayers of a miscible polymer blend: From good- to poor-solvent conditions. European Physical Journal E, 2002, 9, 375-385.	0.7	21
103	Particle-laden fluid/fluid interfaces: physico-chemical foundations. Journal of Physics Condensed Matter, 2021, 33, 333001.	0.7	21
104	Temperature and Concentration Effects on the Equilibrium and Dynamic Behavior of a Langmuir Monolayer: From Fluid to Gel-like Behavior. Langmuir, 2009, 25, 11528-11532.	1.6	20
105	Order effects in the excess thermodynamic properties of benzene + alkane mixtures. Journal of the Chemical Society Faraday Transactions I, 1984, 80, 1425.	1.0	19
106	Vaporâ"Liquid Equilibrium for Methanol + 1,1-Dimethylpropyl Methyl Ether at (288.15, 308.15, and 328.15) K. Journal of Chemical & Engineering Data, 1996, 41, 537-542.	1.0	19
107	Vapor-liquid equilibrium of the methanolî—¸[1,1-dimethylethyl methyl ether (MTBE) or 1,1-dimethylpropyl methy ether (TAME)] systems. Fluid Phase Equilibria, 1997, 133, 89-103.	1.4	19
108	Langmuir monolayers of the zwitterionic surfactant hexadecyl 1-N-l-tryptophan glycerol ether. Journal of Colloid and Interface Science, 2005, 283, 144-152.	5.0	19

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109	3D solid supported inter-polyelectrolyte complexes obtained by the alternate deposition of poly(diallyldimethylammonium chloride) and poly(sodium 4-styrenesulfonate). Beilstein Journal of Nanotechnology, 2016, 7, 197-208.	1.5	19
110	Pickering Emulsions: A Novel Tool for Cosmetic Formulators. Cosmetics, 2022, 9, 68.	1.5	19
111	Experimental study of the renormalization of Î² near a double critical point: The 2-butanol and water system. Physical Review B, 1993, 47, 630-637.	1.1	18
112	Glass transition temperature for blends containing poly(4-hydroxystyrene). European Polymer Journal, 1994, 30, 781-787.	2.6	18
113	Surface Light-Scattering at the Airâ^'Liquid Interface:Â From Newtonian to Viscoelastic Polymer Solutions. Journal of Physical Chemistry B, 2005, 109, 4694-4699.	1.2	18
114	Physico-chemical study of polymer mixtures formed by a polycation and a zwitterionic copolymer in aqueous solution and upon adsorption onto negatively charged surfaces. Polymer, 2021, 217, 123442.	1.8	18
115	Hydrogen-Bonded Polymer Blends. Blends Containing Poly(4-hydroxystyrene-co-4-methoxystyrene) Copolymers. Polymer Journal, 1995, 27, 10-20.	1.3	17
116	Equation of State of Hydrogen-Bonded Polymer Solutions. Poly(propylene glycol) + n-Hexane and Poly(propylene glycol) + Ethanol. Macromolecules, 1997, 30, 3389-3394.	2.2	17
117	Equilibrium and dynamics of Langmuir monolayers when the interface is a selective solvent: Polystyrene-b-poly(t-butyl acrylate) block copolymers. Journal of Chemical Physics, 2006, 125, 074706.	1.2	17
118	Preparation and Application in Drug Storage and Delivery of Agarose Nanoparticles. International Journal of Polymer Science, 2018, 2018, 1-9.	1.2	17
119	Fabrication of Robust Capsules by Sequential Assembly of Polyelectrolytes onto Charged Liposomes. Langmuir, 2021, 37, 6189-6200.	1.6	17
120	Dynamics in Ultrathin Films: Particle Tracking Microrheology of Langmuir Monolayers. The Open Physical Chemistry Journal, 2007, 1, 25-32.	0.4	17
121	Excess gibbs energies for the benzene + n-hexadecane system at 298.15 and 323.15 K. Thermochimica Acta, 1982, 56, 199-208.	1.2	16
122	Bulk and surface properties of the highly non-ideal associated mixtures formed by methanol and propanal. Journal of the Chemical Society, Faraday Transactions, 1995, 91, 2779-2787.	1.7	16
123	Heat capacities and concentration fluctuations in mixtures of 1,2-dibromoethane with alkanes. Journal of the Chemical Society, Faraday Transactions, 1995, 91, 1941-1947.	1.7	16
124	Environmentally friendly platforms for encapsulation of an essential oil: Fabrication, characterization and application in pests control. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 555, 473-481.	2.3	16
125	Static and Dynamic Selfâ€Assembly of Pearlâ€Likeâ€Chains of Magnetic Colloids Confined at Fluid Interfaces. Small, 2021, 17, e2101188.	5.2	16
126	Equilibrium and dynamic surface properties of trisiloxane aqueous solutions. Part 2. Theory and comparison with experiment. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 365, 204-209.	2.3	15

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127	Evaporation of pinned sessile microdroplets of water on a highly heat-conductive substrate: Computer simulations. European Physical Journal: Special Topics, 2013, 219, 143-154.	1.2	15
128	Linear shear rheology of aging Î²-casein films adsorbing at the air/water interface. Journal of Colloid and Interface Science, 2018, 511, 12-20.	5.0	15
129	Temperature and chain-length dependence of the volumetric properties of 1-chlorobutaneâ€“alkane mixtures. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 93-99.	1.7	14
130	Thermophysical behavior of polar + nonpolar simple molecular mixtures: an experimental study of the acetonitrile + benzene system. The Journal of Physical Chemistry, 1993, 97, 10796-10802.	2.9	14
131	Dynamicâ€mechanical and light scattering study of the glass transition of poly(vinylacetate) and a poly(vinylacetate) +poly(4â€hydroxystyrene) blend. Journal of Chemical Physics, 1994, 100, 3258-3267.	1.2	14
132	Calorimetric and dielectric study of a blend containing a conductive polymer: poly(3-octylthiophene)+poly(ethylene-co-vinylacetate). Polymer, 1999, 40, 5833-5842.	1.8	14
133	Dynamical mechanical behavior of copolymers made of styrene and methyl methacrylate: Random, alternate and diblock copolymers. Polymer, 2006, 47, 2349-2356.	1.8	14
134	On the autonomous motion of active drops or bubbles. Journal of Colloid and Interface Science, 2018, 527, 180-186.	5.0	14
135	Behavior of the water/vapor interface of chitosan solutions with an anionic surfactant: effect of polymerâ€“surfactant interactions. Physical Chemistry Chemical Physics, 2020, 22, 23360-23373.	1.3	14
136	Polyelectrolyte Multilayered Capsules as Biomedical Tools. Polymers, 2022, 14, 479.	2.0	14
137	Vapour-liquid equilibrium of (methanol+a heptanone) at 298.15 K. Journal of Chemical Thermodynamics, 1983, 15, 779-783.	1.0	13
138	Bulk and surface thermodynamic properties in mixtures of small rigid molecules: the carbon tetrachloride + carbon disulfide system. The Journal of Physical Chemistry, 1988, 92, 228-234.	2.9	13
139	Bulk and surface properties for the methanolâ€“1,1-dimethylpropyl methyl ether and methanolâ€“1,1-dimethylethyl methyl ether systems. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 4435-4440.	1.7	13
140	Dielectric study of poly(methylacrylate) plus poly(4-hydroxystyrene) or plus poly(4) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (hydrox	1.8	13
141	Two-exponential correlation functions near the critical point of a micellar system. Physical Review E, 1998, 58, 2151-2160.	0.8	13
142	An Experimental Study of the Stability and Dynamics of Langmuir Films of Fullerene Derivatives and Their Mixtures with Pentadecanoic Acid. Langmuir, 2001, 17, 3317-3328.	1.6	13
143	Dielectric relaxation of poly(ethylenglycol)- b-poly(propylenglycol)-b-poly(ethylenglycol) copolymers above the glass transition temperature. European Physical Journal E, 2001, 4, 173-182.	0.7	13
144	Phase Diagram of Fatty Acid Langmuir Monolayers from Rheological Measurements. Langmuir, 2017, 33, 4280-4290.	1.6	13

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145	Controlled disassembly of colloidal aggregates confined at fluid interfaces using magnetic dipolar interactions. Journal of Colloid and Interface Science, 2020, 560, 388-397.	5.0	13
146	Collective Transport of Magnetic Microparticles at a Fluid Interface through Dynamic Selfâ€Assembled Lattices. Advanced Functional Materials, 2020, 30, 2002206.	7.8	13
147	Surfactantless Emulsions Containing Eugenol for Imidacloprid Solubilization: Physicochemical Characterization and Toxicity against Insecticide-Resistant Cimex lectularius. Molecules, 2020, 25, 2290.	1.7	13
148	Influence of Carbon Nanosheets on the Behavior of 1,2-Dipalmitoyl-sn-glycerol-3-phosphocholine Langmuir Monolayers. Processes, 2020, 8, 94.	1.3	13
149	Vapor-liquid equilibria forn-tetradecane-benzene mixtures at 25 and 50ï¿½C. Journal of Solution Chemistry, 1982, 11, 823-830.	0.6	12
150	Excess enthalpies of ethylbenzene + alkane systems at 25ï¿½C. An interpretation in terms of the Prigogine-Flory-Patterson model. Journal of Solution Chemistry, 1985, 14, 345-354.	0.6	12
151	Collective and self-diffusion coefficients in an ionic critical mixture: 3-methylpyridine+water+NaBr. Journal of Chemical Physics, 2005, 122, 104501.	1.2	12
152	Field-induced sublimation in perfect two-dimensional colloidal crystals. Physical Review E, 2014, 89, 012306.	0.8	12
153	Dynamics of liquid interfaces under various types of external perturbations. Current Opinion in Colloid and Interface Science, 2014, 19, 309-319.	3.4	12
154	Development of an Environmentally Friendly Larvicidal Formulation Based on Essential Oil Compound Blend to Control Aedes aegypti Larvae: Correlations between Physicochemical Properties and Insecticidal Activity. ACS Sustainable Chemistry and Engineering, 0, , .	3.2	12
155	Excess magnitudes for the benzene + n-dodecane system at 298.15 and 323.15 K. Thermochimica Acta, 1983, 65, 69-79.	1.2	11
156	Thermodynamics of three toluene-containing mixtures. Generalized van der Waals and Ising-like models. Journal of the Chemical Society Faraday Transactions I, 1986, 82, 1839.	1.0	11
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