Luis Garcia-Rio

List of Publications by Year
in descending order

235 papers	5,890 citations	94269 37 h-index	123241 61 g-index
244 all docs	244 docs citations	244 times ranked	5125 citing authors

#	Article	IF	Citations
1	The mobility and degradation of pesticides in soils and the pollution of groundwater resources. Agriculture, Ecosystems and Environment, 2008, 123, 247-260.	2.5	982
2	Effects of Additives on the Internal Dynamics and Properties of Water/AOT/Isooctane Microemulsions. Langmuir, 1994, 10, 1676-1683.	1.6	124
3	Gemini Surfactantâ^'Protein Interactions: Effect of pH, Temperature, and Surfactant Stereochemistry. Biomacromolecules, 2009, 10, 2508-2514.	2.6	84
4	Retention of phosphorus by iron and aluminum-oxides-coated quartz particles. Journal of Colloid and Interface Science, 2006, 295, 65-70.	5.0	82
5	Transfer of the nitroso group in water/AOT/isooctane microemulsions: intrinsic and apparent reactivity. The Journal of Physical Chemistry, 1993, 97, 3437-3442.	2.9	77
6	Influence of Water Structure on Solvolysis in Water-in-Oil Microemulsions. The Journal of Physical Chemistry, 1995, 99, 12318-12326.	2.9	73
7	Aggregation of p-Sulfonatocalixarene-Based Amphiphiles and Supra-Amphiphiles. International Journal of Molecular Sciences, 2013, 14, 3140-3157.	1.8	73
8	Novel catanionic vesicles from calixarene and single-chain surfactant. Chemical Communications, 2010, 46, 6551.	2.2	71
9	AFFINImeter: A software to analyze molecular recognition processes from experimental data. Analytical Biochemistry, 2019, 577, 117-134.	1.1	71
10	Supramolecular Catalysis by Cucurbit[7]uril and Cyclodextrins: Similarity and Differences. Journal of Organic Chemistry, 2010, 75, 848-855.	1.7	66
11	Reactivity in Water/Oil Microemulsions. Influence of Sodium Bis(2-ethylhexyl)sulfosuccinate/Isooctane/Water Microemulsions on the Solvolysis Mechanism of Substituted Benzoyl Chlorides. Journal of the American Chemical Society, 2000, 122, 10325-10334.	6.6	64
12	Pseudophase Approach to Reactivity in Microemulsions:Â Quantitative Explanation of the Kinetics of the Nitrosation of Amines by Alkyl Nitrites in AOT/Isooctane/Water Microemulsionsâ€. The Journal of Physical Chemistry, 1996, 100, 10981-10988.	2.9	61
13	Sulfonated Calix[6]arene Hostâ€"Guest Complexes Induce Surfactant Selfâ€Assembly. Chemistry - A European Journal, 2009, 15, 9315-9319.	1.7	60
14	Calixarene-Based Surfactants: Evidence of Structural Reorganization upon Micellization. Langmuir, 2012, 28, 2404-2414.	1.6	60
15	Micellization versus Cyclodextrinâ€"Surfactant Complexation. Angewandte Chemie - International Edition, 2000, 39, 2945-2948.	7.2	59
16	Insights into the Structure of the Supramolecular Amphiphile Formed by a Sulfonated Calix[6]arene and Alkyltrimethylammonium Surfactants. Langmuir, 2012, 28, 6561-6568.	1.6	54
17	Reactivity of nucleophilic nitrogen compounds towards the nitroso group. Journal of the Chemical Society Perkin Transactions II, 1993, , 29-37.	0.9	52
18	Dimeric and monomeric surfactants derived from sulfur-containing amino acids. Journal of Colloid and Interface Science, 2010, 351, 472-477.	5.0	52

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19	Imidazole-Functionalized Pillar[5]arenes: Highly Reactive and Selective Supramolecular Artificial Enzymes. ACS Catalysis, 2018, 8, 3343-3347.	5.5	52
20	Influence of Crown Ethers on the Electric Percolation of AOT/Isooctane/Water (w/o) Microemulsions. Langmuir, 2003, 19, 5975-5983.	1.6	51
21	Basic Hydrolysis of Crystal Violet in Î²-Cyclodextrin/Surfactant Mixed Systems. Langmuir, 2004, 20, 606-613.	1.6	48
22	Mixed micelle formation between amino acid-based surfactants and phospholipids. Journal of Colloid and Interface Science, 2011, 359, 493-498.	5.0	48
23	Chemical Reactivity and Basicity of Amines Modulated by Micellar Solutions. Langmuir, 1995, 11, 1917-1924.	1.6	46
24	Self-Aggregation Properties of Ionic Liquid 1,3-Didecyl-2-methylimidazolium Chloride in Aqueous Solution: From Spheres to Cylinders to Bilayers. Journal of Physical Chemistry B, 2013, 117, 2926-2937.	1.2	46
25	Pillar[5]areneâ€Mediated Synthesis of Gold Nanoparticles: Size Control and Sensing Capabilities. Chemistry - A European Journal, 2014, 20, 8404-8409.	1.7	46
26	The â€œTrueâ€• Affinities of Metal Cations to <i>p</i>â€Sulfonatocalix[4]arene: A Thermodynamic Study at Neutral pH Reveals a Pitfall Due to Salt Effects in Microcalorimetry. Chemistry - A European Journal, 2013, 19, 17809-17820.	1.7	45
27	Mixed Micelle Formation between an Amino Acid-Based Anionic Gemini Surfactant and Bile Salts. Industrial & Engineering Chemistry Research, 2014, 53, 10112-10118.	1.8	45
28	Spectroscopic and kinetic investigation of the interaction between crystal violet and sodium dodecylsulfate. Chemical Physics, 2007, 335, 164-176.	0.9	44
29	Supramolecular phosphate transfer catalysis by pillar[5]arene. Chemical Communications, 2016, 52, 3167-3170.	2.2	44
30	Organic reactions in micro-organized media: Why and how?. Pure and Applied Chemistry, 1997, 69, 1923-1932.	0.9	43
31	Investigation of Micellar Media Containing Î²-Cyclodextrins by Means of Reaction Kinetics:Â Basic Hydrolysis ofN-Methyl-N-nitroso-p-toluenesulfonamide. Journal of Physical Chemistry B, 1997, 101, 7383-7389.	1.2	43
32	Influence of Crown Ethers and Macrocyclic Kryptands upon the Percolation Phenomena in AOT/Isooctane/H2O Microemulsions. Langmuir, 1997, 13, 6083-6088.	1.6	41
33	New Insights in Cyclodextrin:â€‰ Surfactant Mixed Systems from the Use of Neutral and Anionic Cyclodextrin Derivatives. Journal of Physical Chemistry B, 2007, 111, 12756-12764.	1.2	41
34	Using Calixarenes To Model Polyelectrolyte Surfactant Nucleation Sites. Chemistry - A European Journal, 2013, 19, 4570-4576.	1.7	41
35	Sorption of PAHs to Colloid Dispersions of Humic Substances in Water. Bulletin of Environmental Contamination and Toxicology, 2007, 79, 251-254.	1.3	40
36	Microemulsions as microreactors in physical organic chemistry. Pure and Applied Chemistry, 2007, 79, 1111-1123.	0.9	39

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37	Counterion Binding in Solutions of p-Sulfonatocalix[4]arene. Journal of Physical Chemistry B, 2010, 114, 7201-7206.	1.2	39
38	Influence of Micelles on the Basic Degradation of Carbofuran. Journal of Agricultural and Food Chemistry, 2005, 53, 7172-7178.	2.4	38
39	NMR Evidence of Slow Monomerâˆ'Micelle Exchange in a Calixarene-Based Surfactant. Journal of Physical Chemistry B, 2010, 114, 4816-4820.	1.2	37
40	Cucurbituril-Mediated Catalytic Hydrolysis: A Kinetic and Computational Study with Neutral and Cationic Dioxolanes in CB7. ACS Catalysis, 2018, 8, 12067-12079.	5.5	37
41	Cyclodextrin Based Rotaxanes, Polyrotaxanes and Polypseudorotaxanes and their Biomedical Applications. Current Topics in Medicinal Chemistry, 2014, 14, 478-493.	1.0	37
42	Effects of Alkylamines on the Percolation Phenomena in Water/AOT/Isooctane Microemulsions. Journal of Colloid and Interface Science, 2000, 225, 259-264.	5.0	36
43	Solvolysis of Benzoyl Halides in AOT/Isooctane/Water Microemulsions. Influence of the Leaving Group. Langmuir, 2003, 19, 3190-3197.	1.6	36
44	Calixareneâ€Based Surfactants: Conformationalâ€Dependent Solvation Shells for the Alkyl Chains. ChemPhysChem, 2012, 13, 2368-2376.	1.0	34
45	Evidence for concerted acid hydrolysis of alkyl nitrites. Journal of the Chemical Society Perkin Transactions II, 1992, , 1673-1679.	0.9	33
46	Water in Oil Microemulsions as Reaction Media for a Dielsâˆ'Alder Reaction betweenN-Ethylmaleimide and Cyclopentadiene. Journal of Organic Chemistry, 2006, 71, 4111-4117.	1.7	33
47	Ionic Liquids Entrapped in Reverse Micelles as Nanoreactors for Bimolecular Nucleophilic Substitution Reaction. Effect of the Confinement on the Chloride Ion Availability. Langmuir, 2014, 30, 12130-12137.	1.6	33
48	Basic Hydrolysis of m-Nitrophenyl Acetate in Micellar Media Containing Î²-Cyclodextrins. Journal of Physical Chemistry B, 1998, 102, 4581-4587.	1.2	32
49	Basic Hydrolysis of Substituted Nitrophenyl Acetates in Î²-Cyclodextrin/Surfactant Mixed Systems. Evidence of Free Cyclodextrin in Equilibrium with Micellized Surfactant. Langmuir, 1999, 15, 8368-8375.	1.6	32
50	Comparative study of nitroso group transfer in colloidal aggregates: micelles, vesicles and microemulsions. New Journal of Chemistry, 2003, 27, 372-380.	1.4	32
51	Influence of Anionic Surfactants on the Electric Percolation of AOT/Isooctane/Water Microemulsions. Langmuir, 2005, 21, 6259-6264.	1.6	32
52	Physical Organic Chemistry of Transition Metal Carbene Complexes. 19.1Kinetics of Reversible Alkoxide Ion Addition to Substituted (Methoxyphenylcarbene)pentacarbonylchromium(0) and (Methoxyphenylcarbene)pentacarbonyltungsten(0) in Methanol and Aqueous Acetonitrile. Journal of the American Chemical Society, 2000, 122, 3821-3829.	6.6	31
53	Nitroso Group Transfer from SubstitutedN-Methyl-N-nitrosobenzenesulfonamides to Amines. Intrinsic and Apparent Reactivity. Journal of Organic Chemistry, 2001, 66, 381-390.	1.7	31
54	Changes in the Fraction of Uncomplexed Cyclodextrin in Equilibrium with the Micellar System as a Result of Balance between Micellization and Cyclodextrinâˆ'Surfactant Complexation. Cationic Alkylammonium Surfactants. Journal of Physical Chemistry B, 2001, 105, 4912-4920.	1.2	31

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55	Experimental and theoretical study on the substitution reactions of aryl 2,4-dinitrophenyl carbonates with quinuclidines. Tetrahedron, 2006, 62, 2555-2562.	1.0	31
56	Binding constants of oxytetracycline to animal feed divalent cations. Journal of Food Engineering, 2007, 78, 69-73.	2.7	31
57	Supramolecular Polymer/Surfactant Complexes as Catalysts for Phosphate Transfer Reactions. ACS Catalysis, 2017, 7, 2230-2239.	5.5	31
58	Pillar[5]arene-Based Supramolecular Plasmonic Thin Films for Label-Free, Quantitative and Multiplex SERS Detection. ACS Applied Materials & Interfaces, 2017, 9, 26372-26382.	4.0	31
59	Nitrosation of Amines in Nonaqueous Solvents. 2. Solvent-Induced Mechanistic Changes. Journal of Organic Chemistry, 1997, 62, 4712-4720.	1.7	30
60	A New Reaction Pathway in the Ester Aminolysis Catalyzed by Glymes and Crown Ethers. Journal of Organic Chemistry, 2006, 71, 4280-4285.	1.7	30
61	Hostâ€“Guest Chemistry of a Waterâ€Soluble Pillar[5]arene: Evidence for an Ionicâ€Exchange Recognition Process and Different Complexation Modes. Chemistry - A European Journal, 2014, 20, 12123-12132.	1.7	30
62	Binding of Flavylium Ions to Sulfonatocalix[4]arene and Implication in the Photorelease of Biologically Relevant Guests in Water. Journal of Organic Chemistry, 2019, 84, 10852-10859.	1.7	30
63	Pseudophase Approach to Reactivity in Microemulsions:Â Quantitative Explanation of the Kinetics of the Nitroso Group Transfer Reactions betweenN-methyl-N-nitroso-p- toluenesulfonamide and Secondary Alkylamines in Water/AOT/Isooctane Microemulsions. Industrial & Engineering Chemistry Research, 2003, 42, 5450-5456.	1.8	29
64	New Urea-Based Surfactants Derived from Î±,Ï‰-Amino Acids. Journal of Physical Chemistry B, 2009, 113, 977-982.	1.2	29
65	Counterion Exchange as a Decisive Factor in the Formation of Host:Guest Complexes by <i>p</i>-Sulfonatocalix[4]arene. Journal of Physical Chemistry B, 2012, 116, 5308-5315.	1.2	29
66	Cooperative Assembly of Discrete Stacked Aggregates Driven by Supramolecular Hostâ€“Guest Complexation. Journal of Organic Chemistry, 2013, 78, 9113-9119.	1.7	28
67	Hydrolysis ofN-methyl-N-nitroso-p-toluenesulphonamide in micellar media. Journal of Physical Organic Chemistry, 1998, 11, 584-588.	0.9	27
68	Modification of reactivity by changing microemulsion composition. Basic hydrolysis of nitrophenyl acetate in AOT/isooctane/water systems. New Journal of Chemistry, 2004, 28, 988-995.	1.4	27
69	Rate of hydrolysis and transfer free energies of aliphatic alkyl nitrites at micellar interfaces. A kinetic study. Langmuir, 1993, 9, 1263-1268.	1.6	26
70	Effect of the Temperature on the Conductivity of Sodium Bis(2-ethylhexyl)sulfosuccinate + 2,2,4-Trimethylpentane + Water Microemulsions in the Presence of Ureas and Thioureas. Journal of Chemical & Engineering Data, 1998, 43, 123-127.	1.0	26
71	Effects of Temperature on the Conductivity of AOT/Isooctane/Water Microemulsions. Influence of Salts. Journal of Chemical & Engineering Data, 1999, 44, 850-853.	1.0	25
72	Effects of Î²-Cyclodextrin on the Ketoâˆ’Enol Equilibrium of Benzoylacetone and on Enol Reactivity. Journal of Organic Chemistry, 1999, 64, 3954-3963.	1.7	25

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73	Microemulsion-promoted changes of reaction mechanisms: solvolysis of substituted benzoyl chlorides. Chemical Communications, 2000, , 455-456.	2.2	25
74	Hostâ€“guest interaction of coumarin-derivative dyes and cucurbit[7]uril: leading to the formation of supramolecular ternary complexes with mercuric ions. New Journal of Chemistry, 2015, 39, 3084-3092.	1.4	25
75	Physical Organic Chemistry of Transition Metal Carbene Complexes. 10.1Opposing Effects of Î±-Alkyl Groups on the Thermodynamic and Kinetic Acidities of (CO)5CrC(OMe)CHRâ€˜Râ€˜â€˜-Type Fischer Carbene Complexes in Aqueous Acetonitrile. Analogy to the Nitroalkane Anomaly. Journal of the American Chemical Society, 1997, 119, 5583-5590.	6.6	24
76	Evidence for complexes of different stoichiometries between organic solvents and cyclodextrins. Organic and Biomolecular Chemistry, 2006, 4, 1038.	1.5	24
77	Competition between surfactant micellization and complexation by cyclodextrin. Organic and Biomolecular Chemistry, 2013, 11, 1093-1102.	1.5	23
78	Lipoamino acid-based micelles as promising delivery vehicles for monomeric amphotericin B. International Journal of Pharmaceutics, 2016, 497, 23-35.	2.6	23
79	Microheterogeneous Solvation for Aminolysis Reactions in AOT-Based Water-in-Oil Microemulsions. Chemistry - A European Journal, 2005, 11, 4361-4373.	1.7	22
80	First Evidence of Simultaneous Different Kinetic Behaviors at the Interface and the Continuous Medium of w/o Microemulsions. Journal of Physical Chemistry B, 2006, 110, 812-819.	1.2	22
81	Organic Reactivity in Aot-Stabilized Microemulsions. Progress in Reaction Kinetics and Mechanism, 2008, 33, 81-97.	1.1	22
82	Redox-changes associated with the glutathione-dependent ability of the Cu(II)â€“GSSG complex to generate superoxide. Bioorganic and Medicinal Chemistry, 2012, 20, 2869-2876.	1.4	22
83	Influence of the Oil on the Properties of Microemulsions as Reaction Media. European Journal of Organic Chemistry, 2006, 2006, 3364-3371.	1.2	21
84	Influence of n-alkyl acids on the percolative phenomena in AOT-based microemulsions. Journal of Colloid and Interface Science, 2008, 318, 525-529.	5.0	21
85	Determination of the Effect of Cationâ^'Ï€ Interactions on the Stability of Î±-Oxy-Organolithium Compounds. Journal of Organic Chemistry, 2008, 73, 7394-7397.	1.7	21
86	Interactions between Î²-cyclodextrin and an amino acid-based anionic gemini surfactant derived from cysteine. Journal of Colloid and Interface Science, 2012, 367, 286-292.	5.0	21
87	Reactivity of Anions with Organic Substrates Bound to Sodium Dodecyl Sulfate Micelles:â€‰ A Poissonâ^'Boltzmann/Pseudophase Approach. Langmuir, 1997, 13, 687-692.	1.6	20
88	?-Cyclodextrin-micelle mixed systems as a reaction ï¿½medium. Denitrosation ofN-methyl-N-nitroso-p-toluenesulfonamide. Journal of Physical Organic Chemistry, 2000, 13, 664-669.	0.9	20
89	Mixed micelles of alkylamines and cetyltrimethylammonium chloride. Journal of Colloid and Interface Science, 2005, 289, 521-529.	5.0	20
90	In Search of Fully Uncomplexed Cyclodextrin in the Presence of Micellar Aggregates. Journal of Physical Chemistry B, 2006, 110, 15831-15838.	1.2	20

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91	Reactions of aryl chlorothionoformates with quinuclidines. A kinetic study. Journal of Physical Organic Chemistry, 2008, 21, 102-107.	0.9	20
92	Ionic Exchange in <i>p</i>-Sulfonatocalix[4]arene-Mediated Formation of Metalâ€“Ligand Complexes. Journal of Physical Chemistry B, 2014, 118, 4710-4716.	1.2	20
93	Reactivity of Typical Solvolytic Reactions in SDS and TTABr Water-in-Oil Microemulsions. Journal of Physical Chemistry B, 1997, 101, 5514-5520.	1.2	19
94	Nitroso Group Transfer inS-Nitrosocysteine:Â Evidence of a New Decomposition Pathway for Nitrosothiols. Journal of Organic Chemistry, 2005, 70, 6353-6361.	1.7	19
95	Reactivity of Benzoyl Chlorides in Nonionic Microemulsions:Â Potential Application as Indicators of System Properties. Journal of Physical Chemistry B, 2005, 109, 22614-22622.	1.2	19
96	Use of Spectra Resolution Methodology to Investigate Surfactant/Î²-Cyclodextrin Mixed Systems. Journal of Physical Chemistry B, 2007, 111, 6400-6409.	1.2	19
97	The Effect of Changing the Microstructure of a Microemulsion on Chemical Reactivity. Langmuir, 2007, 23, 9586-9595.	1.6	19
98	Polarity of the interface in ionic liquid in oil microemulsions. Journal of Colloid and Interface Science, 2011, 363, 261-267.	5.0	19
99	STAND: Surface Tension for Aggregation Number Determination. Langmuir, 2016, 32, 3917-3925.	1.6	19
100	Counterionâ€Controlled Selfâ€Sorting in an Amphiphilic Calixarene Micellar System. Chemistry - A European Journal, 2016, 22, 6466-6470.	1.7	19
101	A journey from calix[4]arene to calix[6] and calix[8]arene reveals more than a matter of size. Receptor concentration affects the stability and stoichiometric nature of the complexes. Physical Chemistry Chemical Physics, 2017, 19, 13640-13649.	1.3	19
102	A kinetic study of the state of the proton at the surface of dodecyl sulfate micelles. The Journal of Physical Chemistry, 1992, 96, 7820-7823.	2.9	18
103	Pseudophase Approach to the Transfer of the Nitroso Group in Water/AOT/SDS/Isooctane Quaternary Microemulsions. Langmuir, 2000, 16, 9716-9721.	1.6	18
104	Influence of glymes upon percolative phenomena in AOT-based microemulsions. Journal of Colloid and Interface Science, 2005, 292, 591-594.	5.0	18
105	Influence of polyethylene glycols on percolative phenomena in AOT microemulsions. Colloid and Polymer Science, 2010, 288, 217-221.	1.0	18
106	Independent Pathway Formation of Guestâ€“Host in Host Ternary Complexes Made of Ammonium Salt, Calixarene, and Cyclodextrin. Journal of Organic Chemistry, 2012, 77, 10764-10772.	1.7	18
107	Investigation of the binding modes of a positively charged pillar[5]arene: internal and external guest complexation. Organic and Biomolecular Chemistry, 2017, 15, 911-919.	1.5	18
108	Effects of Temperature on the Conductivity of Sodium Bis(2-ethylhexyl) Sulfosuccinate + 2,2,4-Trimethylpentane + Water Microemulsions. Influence of Sodium Salts. Journal of Chemical & Engineering Data, 1998, 43, 519-522.	1.0	17

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109	Nitrosation and denitrosation of substituted N-methylbenzenesulfonamides. Evidence of an imbalanced concerted mechanism. Journal of the Chemical Society Perkin Transactions II, 1998, , 1613-1620.	0.9	17
110	Effect of Temperature on the Conductivity of Sodium Bis(2-ethylhexyl) Sulfosuccinate + 2,2,4-Trimethylpentane + Water Microemulsions. Influence of Amines. Journal of Chemical & Engineering Data, 1998, 43, 433-435.	1.0	17
111	Reactive micelles: nitroso group transfer from N â€methylâ€N â€nitrosoâ€p â€toluenesulfonamide to amphiphilic amines. Journal of Physical Organic Chemistry, 2004, 17, 1067-1072.	0.9	17
112	Spectroscopic characterisation of crystal violet inclusion complexes in Î²-cyclodextrin. Chemical Physics Letters, 2005, 401, 302-306.	1.2	17
113	Influence of colloid suspensions of humic acids upon the alkaline fading of carbocations. Journal of Physical Organic Chemistry, 2008, 21, 555-560.	0.9	17
114	Photoswitchable vesicles. Current Opinion in Colloid and Interface Science, 2017, 32, 29-38.	3.4	17
115	Supramolecular surfactants derived from calixarenes. Current Opinion in Colloid and Interface Science, 2019, 44, 225-237.	3.4	17
116	Bromineâ^'AOT Charge-Transfer Complexes and Hydrogen-Bond Donor Ability of Water in AOTâ^'isooctaneâ^'H2O Reverse Micelles and Water-in-Oil Microemulsions. Journal of Physical Chemistry B, 1999, 103, 4997-5004.	1.2	16
117	Influence of aza crown ethers on the electric percolation of AOT/isooctane/water (w/o) microemulsions. Journal of Colloid and Interface Science, 2006, 301, 637-643.	5.0	16
118	Cyclodextrin-surfactant binding constant as driven force for uncomplexed cyclodextrin in equilibrium with micellar systems. Chemical Physics Letters, 2010, 499, 70-74.	1.2	16
119	Supramolecular self-assembly between an amino acid-based surfactant and a sulfonatocalixarene driven by electrostatic interactions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 480, 71-78.	2.3	16
120	Metalâ^'Ligand Complexation in Water-in-Oil Microemulsions. I. Thermodynamic Approach. Langmuir, 2003, 19, 6611-6619.	1.6	15
121	Influence of Changes in Water Properties on Reactivity in Strongly Acidic Microemulsions. Journal of Physical Chemistry B, 2007, 111, 5193-5203.	1.2	15
122	Polycationic Macrocyclic Scaffolds as Potential Non-Viral Vectors of DNA: A Multidisciplinary Study. ACS Applied Materials & Interfaces, 2015, 7, 14404-14414.	4.0	15
123	A biophysical study of gene nanocarriers formed by anionic/zwitterionic mixed lipids and pillar[5]arene polycationic macrocycles. Journal of Materials Chemistry B, 2017, 5, 3122-3131.	2.9	15
124	Biocompatible Solvents and Ionic Liquid-Based Surfactants as Sustainable Components to Formulate Environmentally Friendly Organized Systems. Polymers, 2021, 13, 1378.	2.0	15
125	Reactivity in Quaternary Water in Oil Microemulsions. 2. Different Distribution of the Reagents Changing from Three- to Four-Component Microemulsions. Journal of Physical Chemistry B, 2000, 104, 6618-6625.	1.2	14
126	Determination of the hydrolysis rate of AOT in AOT-isooctane-water microemulsions using sodiumÂnitroprusside as chemical probe. Journal of Physical Organic Chemistry, 2002, 15, 576-581.	0.9	14

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127	AOT-Based Microemulsions Accelerate the 1,3-Cycloaddition of Benzonitrile Oxide toN-Ethylmaleimide. Journal of Organic Chemistry, 2006, 71, 6118-6123.	1.7	14
128	Kinetic and mechanistic study of the reactions of aryl chloroformates with quinuclidines. Journal of Physical Organic Chemistry, 2006, 19, 683-688.	0.9	14
129	Stability of mixed micelles of cetylpyridinium chloride and linear primary alkylamines. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 309, 216-223.	2.3	14
130	Cucurbit[7]uril: Surfactant Hostâ€"Guest Complexes in Equilibrium with Micellar Aggregates. ChemPhysChem, 2011, 12, 1342-1350.	1.0	14
131	Evidence of Higher Complexes Between Cucurbit[7]uril and Cationic Surfactants. Chemistry - A European Journal, 2012, 18, 7931-7940.	1.7	14
132	Stability and nitrosation efficiency of substitutedN-methyl-N-nitrosobenzenesulfonamides. Journal of Physical Organic Chemistry, 1998, 11, 756-760.	0.9	13
133	Physical Organic Chemistry of Transition Metal Carbene Complexes. 13.1 Kinetics of Proton Transfer from (5-Methyl-2-oxacyclopentylidene)pentacarbonylchromium(0) and Hydrolysis of Its Conjugate Anion in Aqueous Acetonitrile. Organometallics, 1998, 17, 4940-4945.	1.1	13
134	Cyclodextrin-Surfactant Mixed Systems as Reaction Media. Progress in Reaction Kinetics and Mechanism, 2010, 35, 105-129.	1.1	13
135	Effects of Temperature on the Conductivity of Microemulsions:Â Influence of Sodium Hydroxide and Hydrochloric Acid. Journal of Chemical & Engineering Data, 1999, 44, 846-849.	1.0	12
136	Cyclodextrin effect on solvolysis of substituted benzoyl chlorides. Organic and Biomolecular Chemistry, 2004, 2, 1186-1193.	1.5	12
137	Ester aminolysis by morpholine in AOT-based water-in-oil microemulsions. Journal of Colloid and Interface Science, 2006, 301, 624-630.	5.0	12
138	Fully Uncomplexed Cyclodextrin in Mixed Systems of Vesicleâ^'Cyclodextrin: Solvolysis of Benzoyl Chlorides. Journal of Physical Chemistry B, 2009, 113, 6749-6755.	1.2	12
139	Electrostatic Repulsion between Cucurbit[7]urils Can Be Overcome in [3]Pseudorotaxane without Adding Salts. Journal of Organic Chemistry, 2013, 78, 3886-3894.	1.7	12
140	Kinetic Study of [2]Pseudorotaxane Formation with an Asymmetrical Thread. Langmuir, 2016, 32, 6367-6375.	1.6	12
141	Multidisciplinary Approach to the Transfection of Plasmid DNA by a Nonviral Nanocarrier Based on a Geminiâ€"Bolaamphiphilic Hybrid Lipid. ACS Omega, 2018, 3, 208-217.	1.6	12
142	Characterization of Reverse Micelles Formulated with the Ionic-Liquid-like Surfactant Bmim-AOT and Comparison with the Traditional Na-AOT: Dynamic Light Scattering, 1H NMR Spectroscopy, and Hydrolysis Reaction of Carbonate as a Probe. Langmuir, 2019, 35, 12744-12753.	1.6	12
143	Supramolecular Control of Reactivity toward Hydrolysis of 7-Diethylaminocoumarin Schiff Bases by Cucurbit[7]uril Encapsulation. ACS Omega, 2021, 6, 10333-10342.	1.6	12
144	Effects of Temperature on the Conductivity of Sodium Bis(2-ethylhexyl)sulfosuccinate + 2,2,4-Trimethylpentane + Water Microemulsions. Influence of Amides and Ethylene Glycol. Journal of Chemical & Engineering Data, 1999, 44, 484-487.	1.0	11

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145	Ionizing Power and Nucleophilicity in Water in Oil AOT-Based Microemulsions. Langmuir, 2005, 21, 7672-7679.	1.6	11
146	Effects of Zwitterionic Vesicles on the Reactivity of Benzoyl Chlorides. Journal of Physical Chemistry B, 2006, 110, 8524-8530.	1.2	11
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