Frank H. Quina

List of Publications by Year
in descending order

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195	7,395	66343	71685
papers	citations	42 h-index	76 g-index

206	206	206	6119
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermodynamics of anion binding to zwitterionic sulfobetaine micelles. Journal of Colloid and Interface Science, 2022, 611, 39-45.	9.4	4
2	Revisiting the non-fluorescence of nitroaromatics: presumption versus reality. Journal of Materials Chemistry C, 2022, 10, 2870-2904.	5.5	30
3	Charge transfer vs. proton transfer in the excited-state dynamics of biomimetic pyranoflavylium cations. Journal of Photochemistry and Photobiology, 2022, 10, 100110.	2.5	3
4	An efficient bioinspired functional micellar nanoreactor for dephosphorylation reactions. Journal of Molecular Liquids, 2022, 360, 119348.	4.9	1
5	Fluorescence and Phosphorescence of Flavylium Cation Analogues of Anthocyanins. Photochem, 2022, 2, 423-434.	2.2	6
6	The role of hydrophobicity in supramolecular polymer/surfactant catalysts: An understandable model for enzymatic catalysis. Journal of Colloid and Interface Science, 2021, 588, 456-468.	9.4	5
7	Quantum chemical investigation of the ground- and excited-state acidities of a dihydroxyfuranoflavylium cation. Theoretical Chemistry Accounts, 2021, 140, 1.	1.4	2
8	The photophysics of photosensitization: A brief overview. Journal of Photochemistry and Photobiology, 2021, 7, 100042.	2.5	18
9	Chromophores inspired by the colors of fruit, flowers and wine. Pure and Applied Chemistry, 2020, 92, 255-263.	1.9	10
10	A pseudorotaxane formed from a cucurbit[7]uril wheel and a bioinspired molecular axle with pH, light and redox-responsive properties. Pure and Applied Chemistry, 2020, 92, 301-313.	1.9	10
11	Hybrid Pigments from Anthocyanin Analogues and Synthetic Clay Minerals. ACS Omega, 2020, 5, 26592-26600.	3.5	18
12	Celebrating 5 Years of Open Access with ACS Omega. ACS Omega, 2020, 5, 16986-16986.	3.5	2
13	A tribute to Professor JosÃ© Manuel Riveros. Arkivoc, 2020, 2020, 1-8.	0.5	0
14	Anion binding to surfactant aggregates: AuCl4â˜ in cationic, anionic and zwitterionic micelles. Journal of Molecular Liquids, 2020, 314, 113607.	4.9	9
15	Dye-sensitized solar cells based on dimethylamino-Ï€-bridge-pyranoanthocyanin dyes. Solar Energy, 2020, 206, 188-199.	6.1	15
16	A computational study of the ground and excited state acidities of synthetic analogs of red wine pyranoanthocyanins. Theoretical Chemistry Accounts, 2020, 139, 1.	1.4	9
17	Theoretical Oâ€“CH3 bond dissociation enthalpies of selected aromatic and non-aromatic molecules. Theoretical Chemistry Accounts, 2020, 139, 1.	1.4	8
18	Triplet Excited States and Singlet Oxygen Production by Analogs of Red Wine Pyranoanthocyanins. Photochemistry and Photobiology, 2019, 95, 176-182.	2.5	16

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19	Photoacidity of the 7â€Hydroxyflavylium Cation. Photochemistry and Photobiology, 2019, 95, 1339-1344.	2.5	6
20	The electronic transitions of analogs of red wine pyranoanthocyanin pigments. Photochemical and Photobiological Sciences, 2019, 18, 45-53.	2.9	16
21	Conical intersections and the weak fluorescence of betalains. Photochemical and Photobiological Sciences, 2019, 18, 1972-1981.	2.9	3
22	Catechol versus carboxyl linkage impact on DSSC performance of synthetic pyranoflavylium salts. Dyes and Pigments, 2019, 170, 107577.	3.7	26
23	Highly fluorescent hybrid pigments from anthocyanin- and red wine pyranoanthocyanin-analogs adsorbed on sepiolite clay. Photochemical and Photobiological Sciences, 2019, 18, 1750-1760.	2.9	21
24	Quantum chemical evidence for the origin of the red/blue colors of Hydrangea macrophylla sepals. New Journal of Chemistry, 2019, 43, 7532-7540.	2.8	7
25	Ionâ€“micelle interactions and the modeling of reactivity in micellar solutions of simple zwitterionic sulfobetaine surfactants. Current Opinion in Colloid and Interface Science, 2019, 44, 168-176.	7.4	5
26	Improved Synthesis of Analogues of Red Wine Pyranoanthocyanin Pigments. ACS Omega, 2018, 3, 954-960.	3.5	20
27	ACS Omega 2017: A Year-End Expression of Appreciation for the Fundamental Contributions of Our Reviewers. ACS Omega, 2018, 3, 595-607.	3.5	2
28	Bioinspired water-soluble two-photon fluorophores. Dyes and Pigments, 2018, 150, 105-111.	3.7	27
29	How Do Amides Affect the Electronic Properties of Pyrene?. ACS Omega, 2018, 3, 12857-12867.	3.5	22
30	Chemistry Inspired by the Colors of Fruits, Flowers and Wine. Anais Da Academia Brasileira De Ciencias, 2018, 90, 681-695.	0.8	38
31	Groundâ€•and Excitedâ€Šstate Acidity of Analogs of Red Wine Pyranoanthocyanins,. Photochemistry and Photobiology, 2018, 94, 1086-1091.	2.5	18
32	Organic/inorganic hybrid pigments from flavylium cations and palygorskite. Applied Clay Science, 2018, 162, 478-486.	5.2	38
33	Zwitterionic surfactants in ion binding and catalysis. Current Opinion in Colloid and Interface Science, 2017, 32, 39-47.	7.4	27
34	Micellization and adsorption of zwitterionic surfactants at the air/water interface. Current Opinion in Colloid and Interface Science, 2017, 32, 48-56.	7.4	45
35	From vine to wine: photophysics of a pyranoflavylium analog of red wine pyranoanthocyanins. Pure and Applied Chemistry, 2017, 89, 1761-1767.	1.9	17
36	Estudo mecanÃstico das reaÃ§Ãµes Fenton e cupro-Fenton por anÃ¡lise voltamÃ©trica in situ. Quimica Nova, 2017, , .	0.3	0

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37	Kinetic studies of the reaction between pesticides and hydroxyl radical generated by laser flash photolysis. Journal of the Science of Food and Agriculture, 2016, 96, 1580-1584.	3.5	5
38	Cucurbit[7]uril inclusion complexation as a supramolecular strategy for color stabilization of anthocyanin model compounds. Photochemical and Photobiological Sciences, 2016, 15, 752-757.	2.9	27
39	Chemistry and photochemistry of natural plant pigments: the anthocyanins. Journal of Physical Organic Chemistry, 2016, 29, 594-599.	1.9	78
40	Ultrasound-Promoted Environmentally Friendly Synthesis of 5-(3,3,3-Trifluoro-2-oxopropylidene)pyrrolidin-2-ones. Synthetic Communications, 2015, 45, 692-701.	2.1	17
41	Predicting Boiling Points and Flash Points of Monochloroalkanes from Structure. Industrial & Engineering Chemistry Research, 2015, 54, 560-564.	3.7	1
42	Photochemistry of the hemiketal form of anthocyanins and its potential role in plant protection from UV-B radiation. Tetrahedron, 2015, 71, 3157-3162.	1.9	38
43	Synthesis and characterization of TiO2 and TiO2/Ag for use in photodegradation of methylviologen, with kinetic study by laser flash photolysis. Environmental Science and Pollution Research, 2015, 22, 774-783.	5.3	30
44	Modeling Chemical Reactivity in Ionic Detergent Micelles: a Review of Fundamentals. Journal of the Brazilian Chemical Society, 2015, , .	0.6	0
45	Straightforward and Clean Ultrasound-Promoted Synthesis of 2-(4,5-Dihydro-1H-pyrazol-1-yl)pyrimidines. Journal of the Brazilian Chemical Society, 2015, , .	0.6	0
46	Femtosecond and Temperature-Dependent Picosecond Dynamics of Ultrafast Excited-State Proton Transfer in Waterâ€“Dioxane Mixtures. Journal of Physical Chemistry A, 2014, 118, 10448-10455.	2.5	16
47	Anti-Candida, Anti-Enzyme Activity and Cytotoxicity of 3,5-Diaryl-4,5-dihydro-1H-pyrazole-1-carboximidamides. Molecules, 2014, 19, 5806-5820.	3.8	9
48	Effect of cholesterol content on the structural and dynamic membrane properties of DMPC/DSPC large unilamellar bilayers. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 2763-2769.	2.6	15
49	Dynamics and prototropic reactivity of electronically excited states in simple surfactant aggregates. Current Opinion in Colloid and Interface Science, 2013, 18, 35-39.	7.4	18
50	Time-Resolved Fluorescence Quenching Studies of Sodium Lauryl Ether Sulfate Micelles. Journal of the Brazilian Chemical Society, 2013, 24, 241-245.	0.6	7
51	Improved analysis of excited state proton transfer kinetics by the combination of standard and convolution methods. Photochemical and Photobiological Sciences, 2013, 12, 902-910.	2.9	14
52	Mechanism of Pyrogallol Red Oxidation Induced by Free Radicals and Reactive Oxidant Species. A Kinetic and Spectroelectrochemistry Study. Journal of Physical Chemistry B, 2013, 117, 4870-4879.	2.6	21
53	Interference of inorganic ions on phenol degradation by the Fenton reaction. Scientia Agricola, 2012, 69, 347-351.	1.2	20
54	Design and synthesis of a new coumarin-based â€˜turn-onâ€™ fluorescent probe selective for Cu+2. Tetrahedron Letters, 2012, 53, 5280-5283.	1.4	50

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55	The Chameleon-Like Nature of Zwitterionic Micelles: Effect of Cation Binding. Langmuir, 2012, 28, 1758-1764.	3.5	37
56	Hydrogen peroxide monitoring in Fenton reaction by using a ruthenium oxide hexacyanoferrate/multiwalled carbon nanotubes modified electrode. Journal of Electroanalytical Chemistry, 2012, 686, 1-6.	3.8	21
57	A simple method to evaluate, correlate and predict boiling and flash points of alkynes. Journal of the Brazilian Chemical Society, 2012, 23, 1895-1899.	0.6	3
58	Mechanistic implications of zinc(II) ions on the degradation of phenol by the fenton reaction. Journal of the Brazilian Chemical Society, 2012, 23, 1372-1377.	0.6	30
59	Antioxidant capacity and environmentally friendly synthesis of dihydropyrimidinâ€(2H)â€ones promoted by naturally occurring organic acids. Journal of Biochemical and Molecular Toxicology, 2012, 26, 155-161.	3.0	34
60	Photoprotection and the Photophysics of Acylated Anthocyanins. Chemistry - A European Journal, 2012, 18, 3736-3744.	3.3	38
61	Ultrasound-assisted synthesis of aliphatic acid esters at room temperature. Ultrasonics Sonochemistry, 2012, 19, 387-389.	8.2	29
62	Group Contribution Method To Predict Boiling Points and Flash Points of Alkylbenzenes. Energy & Fuels, 2011, 25, 4972-4976.	5.1	4
63	Simple Method to Evaluate and to Predict Flash Points of Organic Compounds. Industrial & Engineering Chemistry Research, 2011, 50, 4796-4800.	3.7	25
64	Development of a Simple Method to Predict Boiling Points and Flash Points of Acyclic Alkenes. Industrial & Engineering Chemistry Research, 2011, 50, 14221-14225.	3.7	6
65	Picosecond Dynamics of Proton Transfer of a 7-Hydroxyflavylium Salt in Aqueousâ€“Organic Solvent Mixtures. Journal of Physical Chemistry A, 2011, 115, 10988-10995.	2.5	19
66	Prediction of Crude Oil Properties and Chemical Composition by Means of Steady-State and Time-Resolved Fluorescence. Energy & Fuels, 2011, 25, 3598-3604.	5.1	28
67	Photoreactions of n-alkyl-3-nitrophenyl ethers with aromatic amines in SDS micelles: A laser flash photolysis study. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 222, 34-39.	3.9	3
68	Substituent effects on the pHâ€dependent multiequilibria of flavylium salt analogs of anthocyanins. Journal of Physical Organic Chemistry, 2011, 24, 1201-1208.	1.9	12
69	Ultrasound promoted greener synthesis of 2-(3,5-diaryl-4,5-dihydro-1H-pyrazol-1-yl)-4-phenylthiazoles. Ultrasonics Sonochemistry, 2011, 18, 370-374.	8.2	32
70	Toluene and naphthalene sorption by iron oxide/clay composites. Journal of Thermal Analysis and Calorimetry, 2010, 100, 889-896.	3.6	10
71	Toluene and naphthalene sorption by iron oxide/clay composites. Journal of Thermal Analysis and Calorimetry, 2010, 101, 887-892.	3.6	9
72	Surfactant degradation by a catechol-driven Fenton reaction. Journal of Hazardous Materials, 2010, 178, 258-263.	12.4	41

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73	Efficient sonochemical synthesis of novel 3,5-diaryl-4,5-dihydro-1H-pyrazole-1-carboximidamides. Ultrasonics Sonochemistry, 2010, 17, 34-37.	8.2	75
74	On the use of 2,1,3-benzothiadiazole derivatives as selective live cell fluorescence imaging probes. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6001-6007.	2.2	56
75	Antioxidant Capacity of 2-(3,5-diaryl-4,5-dihydro-1H-pyrazol-1-yl)-4-phenylthiazoles. Letters in Drug Design and Discovery, 2010, 7, 657-660.	0.7	4
76	Picosecond Dynamics of the Prototropic Reactions of 7-Hydroxyflavylium Photoacids Anchored at an Anionic Micellar Surface. Journal of Physical Chemistry A, 2010, 114, 4188-4196.	2.5	16
77	Improved Prediction of Hydrocarbon Flash Points from Boiling Point Data. Energy & Fuels, 2010, 24, 4854-4856.	5.1	31
78	Calculating Flash Point Numbers from Molecular Structure: An Improved Method for Predicting the Flash Points of Acyclic Alkanes. Energy & Fuels, 2010, 24, 392-395.	5.1	14
79	Ultrafast Internal Conversion in a Model Anthocyaninâ€“Polyphenol Complex: Implications for the Biological Role of Anthocyanins in Vegetative Tissues of Plants. Chemistry - A European Journal, 2009, 15, 1397-1402.	3.3	27
80	Kinetic and mechanistic investigation of the ozonolysis of 2,4-xylidine (2,4-dimethyl-aniline) in acidic aqueous solution. Separation and Purification Technology, 2009, 67, 141-148.	7.9	18
81	Environmentally friendly sonocatalysis promoted preparation of 1-thiocarbamoyl-3,5-diaryl-4,5-dihydro-1H-pyrazoles. Ultrasonics Sonochemistry, 2009, 16, 728-731.	8.2	58
82	Photolysis of ferric ions in the presence of sulfate or chloride ions: implications for the photo-Fenton process. Photochemical and Photobiological Sciences, 2009, 8, 985-991.	2.9	42
83	Photochemistry of anthocyanins and their biological role in plant tissues. Pure and Applied Chemistry, 2009, 81, 1687-1694.	1.9	73
84	Synthesis of 4-iodopyrazoles: A Brief Review. Mini-Reviews in Organic Chemistry, 2008, 5, 331-335.	1.3	11
85	Industrial Wastewater Treatment by Photochemical Processes Based on Solar Energy. Journal of Solar Energy Engineering, Transactions of the ASME, 2007, 129, 45-52.	1.8	22
86	Abatement of the Inhibitory Effect of Chloride Anions on the Photo-Fenton Process. Environmental Science & Technology, 2007, 41, 8459-8463.	10.0	87
87	Prediction of Emulsion Stability via a Neural Network-Based Mapping Technique. Industrial & Engineering Chemistry Research, 2007, 46, 5100-5107.	3.7	3
88	A computational study of substituted flavylium salts and their quinonoidal conjugate-bases: S0 -> S1 electronic transition, absolute pKa and reduction potential calculations by DFT and semiempirical methods. Journal of the Brazilian Chemical Society, 2007, 18, 1537-1546.	0.6	38
89	New three-arm amphiphilic and biodegradable block copolymers composed of poly(Îµ-caprolactone) and poly(N-vinyl-2-pyrrolidone). Synthesis, characterization and self-assembly in aqueous solution. Journal of Colloid and Interface Science, 2007, 310, 136-143.	9.4	25
90	Fusion-Fission Transport of Probes and Quenchers in Microdomains of an Amphiphilic Ionene Polyelectrolyteâ€. Photochemistry and Photobiology, 2007, 83, 542-546.	2.5	4

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91	Geminate Proton Recombination at the Surface of SDS and CTAC Micelles Probed with a Micelle-Anchored Anthocyanin. Langmuir, 2006, 22, 933-940.	3.5	13
92	Acidâ^'Base Equilibria and Dynamics in Sodium Dodecyl Sulfate Micelles:Â Geminate Recombination and Effect of Charge Stabilization. Langmuir, 2006, 22, 7986-7993.	3.5	10
93	Novel Ground- and Excited-State Prototropic Reactivity of a Hydroxycarboxyflavylium Salt. Journal of Physical Chemistry A, 2006, 110, 2089-2096.	2.5	14
94	Kinney Revisited:â€‰ An Improved Group Contribution Method for the Prediction of Boiling Points of Acyclic Alkanes. Industrial & Engineering Chemistry Research, 2006, 45, 6860-6863.	3.7	14
95	Catalysis of an Alkaline Hydrolysis Reaction by Ionenes Immobilized on Silica. Macromolecular Symposia, 2006, 245-246, 232-235.	0.7	3
96	An improved characteristic molecular volume parameter for linear solvation energy relationships of acyclic alkanes. Journal of Physical Organic Chemistry, 2006, 19, 725-730.	1.9	5
97	Characterization of crude petroleum by NIR. Journal of Petroleum Science and Engineering, 2006, 51, 127-137.	4.2	71
98	Laser Flash Photolysis Study of the Photocatalytic Step of the Photo-Fenton Reaction in Saline Solutionâ€. Photochemistry and Photobiology, 2006, 82, 208.	2.5	32
99	Are Molecular 5,8-Ï€-Extended Quinoxaline Derivatives Good Chromophores for Photoluminescence Applications?. European Journal of Organic Chemistry, 2006, 2006, 4924-4933.	2.4	106
100	Synthesis and Characterization of Chiral [3,22]-Ionenes. Macromolecular Symposia, 2005, 229, 197-202.	0.7	9
101	Photophysical and electrochemical properties of Ï€-extended molecular 2,1,3-benzothiadiazoles. Tetrahedron, 2005, 61, 10975-10982.	1.9	207
102	A linear solvation energy relationship to predict vapor pressure from molecular structure. Journal of the Brazilian Chemical Society, 2005, 16, 1010-1016.	0.6	16
103	StÃ¶ber Synthesis of Monodispersed Luminescent Silica Nanoparticles for Bioanalytical Assays. Langmuir, 2005, 21, 4277-4280.	3.5	266
104	Determination of environmentally important metal ions by fluorescence quenching in anionic micellar solution. Analyst, The, 2005, 130, 242-246.	3.5	32
105	Charge-Transfer Complexation as a General Phenomenon in the Copigmentation of Anthocyanins. Journal of Physical Chemistry A, 2005, 109, 7329-7338.	2.5	63
106	Photoprocesses in Microaggregates. ChemInform, 2004, 35, no.	0.0	0
107	Excited-State Electron Transfer in Anthocyanins and Related Flavylium Salts. Journal of Physical Chemistry A, 2004, 108, 10133-10140.	2.5	27
108	A New Totally Flat N(sp2)C(sp2)N(sp2) Pincer Palladacycle:â€‰ Synthesis and Photoluminescent Properties. Inorganic Chemistry, 2004, 43, 530-536.	4.0	49

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109	Modulation with Acetonitrile of the Dynamics of Guest Binding to the Two Distinct Binding Sites of Cholate Aggregates. Langmuir, 2004, 20, 9983-9991.	3.5	27
110	Utilization of Solar Energy in the Photodegradation of Gasoline in Water and of Oil-Field-Produced Water. Environmental Science & Technology, 2004, 38, 3746-3751.	10.0	35
111	Treatment of Saline Wastewater Contaminated with Hydrocarbons by the Photo-Fenton Process. Environmental Science & Technology, 2004, 38, 1183-1187.	10.0	122
112	Photoprocesses in Microaggregates. Accounts of Chemical Research, 2004, 37, 703-710.	15.6	42
113	Nanotecnologia e o meio ambiente: perspectivas e riscos. Quimica Nova, 2004, 27, 1028-1029.	0.3	24
114	Counterion exchange selectivity coefficients at water-in-oil microemulsion interface. Journal of Colloid and Interface Science, 2003, 267, 494-499.	9.4	13
115	New approach for the prediction of azeotropy in binary systems. Computers and Chemical Engineering, 2003, 27, 1755-1759.	3.8	7
116	Ground- and Excited-State Proton Transfer in Anthocyanins:Â From Weak Acids to Superphotoacids. Journal of Physical Chemistry A, 2003, 107, 4203-4210.	2.5	54
117	The Dynamics of Ultrafast Excited State Proton Transfer in Anionic Micellesâ€. Journal of Physical Chemistry A, 2003, 107, 3263-3269.	2.5	75
118	Color Stabilization of Anthocyanins:â€‰ Effect of SDS Micelles on the Acidâ^'Base and Hydration Kinetics of Malvidin 3-Glucoside (Oenin). Journal of Physical Chemistry A, 2002, 106, 5851-5859.	2.5	47
119	Proton Transfer in Anthocyanins and Related Flavylium Salts. Determination of Ground-State Rate Constants with Nanosecond Laser Flash Photolysis. Journal of Physical Chemistry A, 2002, 106, 1248-1255.	2.5	64
120	Manipulation of the Reactivity of a Synthetic Anthocyanin Analogue in Aqueous Micellar Media. Langmuir, 2002, 18, 10109-10115.	3.5	23
121	A fotoquÃmica no Brasil. Quimica Nova, 2002, 25, 32-38.	0.3	1
122	Generation of molecular chiral asymmetry through stirred crystallization. Chirality, 2002, 14, 284-287.	2.6	17
123	On the Significance of the Solubilization Power of Detergents. Langmuir, 2001, 17, 7980-7981.	3.5	10
124	Covalently Bound Ionene Polyelectrolyte-Silica Gel Stationary Phases for HPLC. Analytical Chemistry, 2001, 73, 1754-1765.	6.5	15
125	The Change in the Properties of Sodium Dodecyl Sulfate Micelles upon Addition of Isomeric and Unsaturated Short-Chain Alcohols Probed by Photophysical Methods. Journal of Colloid and Interface Science, 2001, 240, 335-339.	9.4	29
126	Does the Photochemical Conversion of Colchicine into Lumicolchicines Involve Triplet Transients? A Solvent Dependence StudyÂ¶. Photochemistry and Photobiology, 2001, 73, 213.	2.5	9

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127	Effect of a Variety of Organic Additives on Retention and Efficiency in Micellar Liquid Chromatography. Analytical Chemistry, 2000, 72, 4826-4835.	6.5	52
128	A Linear Free Energy Analysis of the Surface Tension of Organic Liquids. Langmuir, 2000, 16, 6689-6692.	3.5	14
129	Solubility of Excited States in Micelles:Â The Nucleophilic Aromatic Photosubstitution of 3-Nitrophenyl Ethers in Anionic Micellar Solutionâ€. Langmuir, 2000, 16, 134-140.	3.5	8
130	Fluorescence and Light-Scattering Studies of the Aggregation of Cationic Surfactants in Aqueous Solution:Â Effects of Headgroup Structure. Langmuir, 2000, 16, 3119-3123.	3.5	59
131	Growth of Cetyltrimethylammonium Chloride and Acetate Micelles with Counterion Concentration. Journal of Colloid and Interface Science, 1999, 214, 238-242.	9.4	36
132	Surfactant-Mediated Cloud Point Extractions:Â An Environmentally Benign Alternative Separation Approach. Industrial & Engineering Chemistry Research, 1999, 38, 4150-4168.	3.7	391
133	A Linear Solvation Free Energy Relationship Analysis of Solubilization in Mixed Cationicâ^'Nonionic Micelles. Langmuir, 1999, 15, 6770-6774.	3.5	25
134	Salt Effects on the Dynamics of Incorporation of Organic Coions into Micelles. Journal of Physical Chemistry B, 1999, 103, 1977-1981.	2.6	19
135	Estimation of Waterâ^'Organic Interfacial Tensions. A Linear Free Energy Relationship Analysis of Interfacial Adhesion. Journal of Physical Chemistry B, 1997, 101, 7488-7493.	2.6	76
136	Timeâ€Resolved Techniques in Photochemistry, Photophysics and Photobiology Introduction. Photochemistry and Photobiology, 1997, 65, 2-3.	2.5	1
137	Using quantum chemistry to predict solubilization in detergent micelles. Computational and Theoretical Chemistry, 1997, 394, 267-270.	1.5	7
138	Counterion Exchange Selectivity in Detergentâ€“Polymer Aggregates. Journal of Colloid and Interface Science, 1997, 190, 461-465.	9.4	6
139	Tris(Bipyridine) Ruthenium(II): An Efficient Detector of Excited Species Generated by Chemiluminescent Processes. Photochemistry and Photobiology, 1996, 63, 697-701.	2.5	6
140	Determining Counterion Exchange Selectivities at Micelle Surfaces from Fluorescence Decay Measurements. Photochemistry and Photobiology, 1996, 63, 746-749.	2.5	14
141	Utilization of Micelle-Mimetic Intramolecular Ionene Aggregates as the Mobile Phase in Pseudophase Thin-Layer Liquid Chromatography.. Analytical Sciences, 1995, 11, 183-187.	1.6	6
142	Photophysics of ambident organic anions I. Journal of Photochemistry and Photobiology A: Chemistry, 1995, 92, 155-161.	3.9	8
143	Incorporation of Nonionic Solutes into Aqueous Micelles: A Linear Solvation Free Energy Relationship Analysis. The Journal of Physical Chemistry, 1995, 99, 11708-11714.	2.9	178
144	Dynamics of Counterion Exchange in Aqueous Micellar Solution: Salt Effects on the Counterion Exit Rate. Langmuir, 1995, 11, 2459-2463.	3.5	27

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145	Growth of Sodium Dodecyl Sulfate Micelles with Detergent Concentration. The Journal of Physical Chemistry, 1995, 99, 17028-17031.	2.9	221
146	Dynamics of the Quenching of Pyrene Fluorescence by the Thiosulfate Ion in Cationic Micelles. Journal of the Brazilian Chemical Society, 1995, 6, 155-159.	0.6	8
147	Photophysical Probe Studies of Polymer-Detergent Interactions. Journal of the Brazilian Chemical Society, 1995, 6, 173-178.	0.6	6
148	Analytical Applications and Implications of Intramolecular Micelle-Mimetic Ionene Aggregates. Analytical Chemistry, 1994, 66, 3449-3457.	6.5	26
149	Ion binding and reactivity at charged aqueous interfaces. Accounts of Chemical Research, 1991, 24, 357-364.	15.6	683
150	Exchange between alkylammonium and sodium ions at the surface of dodecylsulfate micelles. Journal of Colloid and Interface Science, 1990, 135, 238-245.	9.4	30
151	Novel chiral separation techniques based on surfactants. Colloids and Surfaces, 1990, 48, 79-94.	0.9	36
152	Effect of pyrene chain end labeling on the interaction of poly(ethylene oxide) with sodium dodecylsulfate in aqueous solution. Macromolecules, 1990, 23, 5173-5175.	4.8	27
153	Binding of electrolytes to poly(ethylene oxide) in aqueous solutions. Macromolecules, 1990, 23, 3878-3881.	4.8	79
154	New Perspectives in Micellar Liquid Chromatography. , 1989, 12, 1367-1406.		66
155	Origin of the apparent breakdown of the pseudophase ion-exchange-model for micellar catalysis with reactive counterion surfactants. The Journal of Physical Chemistry, 1989, 93, 1502-1505.	2.9	54
156	Micelle-mimetic ionene polyelectrolytes. Journal of the American Chemical Society, 1988, 110, 5137-5143.	13.7	45
157	Investigation of the retention mechanism in nonionic micellar liquid chromatography using an alkylbenzene homologous series. Analytical Chemistry, 1988, 60, 2520-2527.	6.5	89
158	Binding of electrolytes to poly(ethylene oxide) in methanol. Macromolecules, 1986, 19, 990-994.	4.8	29
159	Interactions of neutral molecules with ionic micelles. Advances in Colloid and Interface Science, 1986, 25, 1-57.	14.7	213
160	Ruthenium(II) tris(bipyridyl) ion as a luminescent probe for oxygen uptake. Analytical Biochemistry, 1986, 156, 239-243.	2.4	53
161	A rapid quantitative method for determining the homolog composition of quaternary ammonium surfactants. Journal of Colloid and Interface Science, 1984, 97, 115-119.	9.4	3
162	Ion exchange between monovalent and divalent counterions in cationic micellar solution. The Journal of Physical Chemistry, 1984, 88, 81-85.	2.9	63

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163	Selectivity coefficients for ion exchange in micelles of hexadecyltrimethylammonium bromide and chloride. Journal of Colloid and Interface Science, 1983, 96, 293-295.	9.4	38
164	Quenching of aromatic hydrocarbon fluorescence by counterions in aqueous micellar solution. Relationship to ion exchange. The Journal of Physical Chemistry, 1983, 87, 5166-5172.	2.9	41
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