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	Ion binding and reactivity at charged aqueous interfaces. Accounts of Chemical Research, 1991, 24, 357-364.	15.6	683
2	Surfactant-Mediated Cloud Point Extractions:Â An Environmentally Benign Alternative Separation Approach. Industrial & Engineering Chemistry Research, 1999, 38, 4150-4168.	3.7	391
3	Ion exchange in micellar solutions. 1. Conceptual framework for ion exchange in micellar solutions. The Journal of Physical Chemistry, 1979, 83, 1844-1850.	2.9	266
4	StÃ¶ber Synthesis of Monodispersed Luminescent Silica Nanoparticles for Bioanalytical Assays. Langmuir, 2005, 21, 4277-4280.	3.5	266
5	Growth of Sodium Dodecyl Sulfate Micelles with Detergent Concentration. The Journal of Physical Chemistry, 1995, 99, 17028-17031.	2.9	221
6	Interactions of neutral molecules with ionic micelles. Advances in Colloid and Interface Science, 1986, 25, 1-57.	14.7	213
7	Photophysical and electrochemical properties of Ï€-extended molecular 2,1,3-benzothiadiazoles. Tetrahedron, 2005, 61, 10975-10982.	1.9	207
8	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
9	Treatment of Saline Wastewater Contaminated with Hydrocarbons by the Photo-Fenton Process. Environmental Science & Technology, 2004, 38, 1183-1187.	10.0	122
10	Photochemical reactions in organized monolayer assemblies. 4. Photodimerization, photoisomerization, and excimer formation with surfactant olefins and dienes in monolayer assemblies, crystals, and micelles. Journal of the American Chemical Society, 1977, 99, 877-883.	13.7	116
11	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
12	Investigation of the retention mechanism in nonionic micellar liquid chromatography using an alkylbenzene homologous series. Analytical Chemistry, 1988, 60, 2520-2527.	6.5	89
13	Abatement of the Inhibitory Effect of Chloride Anions on the Photo-Fenton Process. Environmental Science & Technology, 2007, 41, 8459-8463.	10.0	87
14	Formation of closed vesicles from a simple phosphate diester. Preparation and some properties of vesicles of dihexadecyl phosphate. Biochemical and Biophysical Research Communications, 1978, 81, 1080-1086.	2.1	81
15	Ion exchange in micellar solutions. 2. Binding of hydroxide ion to positive micelles. The Journal of Physical Chemistry, 1979, 83, 1851-1854.	2.9	81
16	Effects of temperature and lipid composition on the serum albumin-induced aggregation and fusion of small unilamellar vesicles. Biochimica Et Biophysica Acta - Biomembranes, 1981, 649, 633-641.	2.6	81
17	Binding of electrolytes to poly(ethylene oxide) in aqueous solutions. Macromolecules, 1990, 23, 3878-3881.	4.8	79
18	Chemistry and photochemistry of natural plant pigments: the anthocyanins. Journal of Physical Organic Chemistry, 2016, 29, 594-599.	1.9	78

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19	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
20	The Dynamics of Ultrafast Excited State Proton Transfer in Anionic Micellesâ€. Journal of Physical Chemistry A, 2003, 107, 3263-3269.	2.5	75
21	Efficient sonochemical synthesis of novel 3,5-diaryl-4,5-dihydro-1H-pyrazole-1-carboximidamides. Ultrasonics Sonochemistry, 2010, 17, 34-37.	8.2	75
22	Photochemistry of anthocyanins and their biological role in plant tissues. Pure and Applied Chemistry, 2009, 81, 1687-1694.	1.9	73
23	Characterization of crude petroleum by NIR. Journal of Petroleum Science and Engineering, 2006, 51, 127-137.	4.2	71
24	Ion exchange in micellar solutions. 4. "Buffered" systems. The Journal of Physical Chemistry, 1980, 84, 361-365.	2.9	70
25	New Perspectives in Micellar Liquid Chromatography. , 1989, 12, 1367-1406.		66
26	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
27	Ion exchange between monovalent and divalent counterions in cationic micellar solution. The Journal of Physical Chemistry, 1984, 88, 81-85.	2.9	63
28	Charge-Transfer Complexation as a General Phenomenon in the Copigmentation of Anthocyanins. Journal of Physical Chemistry A, 2005, 109, 7329-7338.	2.5	63
29	Medium effects on photochemical reactions. Photochemistry of surfactant alkyl-4-stilbazole salts in solution, in the solid state, and in monolayer assemblies. Journal of the American Chemical Society, 1975, 97, 1602-1603.	13.7	59
30	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
31	Photophenomena in surfactant media. Quenching of a water-soluble fluorescence probe by iodide ion in micellar solutions of sodium dodecyl sulfate. The Journal of Physical Chemistry, 1977, 81, 1750-1754.	2.9	58
32	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
33	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
34	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
35	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
36	Ruthenium(II) tris(bipyridyl) ion as a luminescent probe for oxygen uptake. Analytical Biochemistry, 1986, 156, 239-243.	2.4	53

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37	Effect of a Variety of Organic Additives on Retention and Efficiency in Micellar Liquid Chromatography. Analytical Chemistry, 2000, 72, 4826-4835.	6.5	52
38	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
39	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
40	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
41	Micelle-mimetic ionene polyelectrolytes. Journal of the American Chemical Society, 1988, 110, 5137-5143.	13.7	45
42	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
43	A new method for the determination of intersystem crossing quantum yields. Application to benzene and its methyl derivatives. Journal of the American Chemical Society, 1976, 98, 1-6.	13.7	42
44	Photoprocesses in Microaggregates. Accounts of Chemical Research, 2004, 37, 703-710.	15.6	42
45	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
46	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
47	Surfactant degradation by a catechol-driven Fenton reaction. Journal of Hazardous Materials, 2010, 178, 258-263.	12.4	41
48	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
49	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
50	Photoprotection and the Photophysics of Acylated Anthocyanins. Chemistry - A European Journal, 2012, 18, 3736-3744.	3.3	38
51	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
52	Chemistry Inspired by the Colors of Fruits, Flowers and Wine. Anais Da Academia Brasileira De Ciencias, 2018, 90, 681-695.	0.8	38
53	Organic/inorganic hybrid pigments from flavylium cations and palygorskite. Applied Clay Science, 2018, 162, 478-486.	5.2	38
54	Reactivity and equilibriums in ionic micellar solution. Part 8. Models for specific counterion effects on the incorporation of charged amphiphilic substrates into like-charged ionic micelles. The Journal of Physical Chemistry, 1983, 87, 4417-4425.	2.9	37

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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	Novel chiral separation techniques based on surfactants. Colloids and Surfaces, 1990, 48, 79-94.	0.9	36
57	Growth of Cetyltrimethylammonium Chloride and Acetate Micelles with Counterion Concentration. Journal of Colloid and Interface Science, 1999, 214, 238-242.	9.4	36
58	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
59	Ion exchange in micellar solutions. 7. Effect of detergent structure on the binding and reactivity of hydroxide in cationic micellar solutions. The Journal of Physical Chemistry, 1982, 86, 4941-4947.	2.9	34
60	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
61	A remarkable enhancement of the rate of ester thiolysis by synthetic amphiphile vesicles. Tetrahedron, 1982, 38, 917-920.	1.9	33
62	Determination of environmentally important metal ions by fluorescence quenching in anionic micellar solution. Analyst, The, 2005, 130, 242-246.	3.5	32
63	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
64	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
65	Improved Prediction of Hydrocarbon Flash Points from Boiling Point Data. Energy & Fuels, 2010, 24, 4854-4856.	5.1	31
66	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
67	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
68	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
69	Revisiting the non-fluorescence of nitroaromatics: presumption versus reality. Journal of Materials Chemistry C, 2022, 10, 2870-2904.	5.5	30
70	Binding of electrolytes to poly(ethylene oxide) in methanol. Macromolecules, 1986, 19, 990-994.	4.8	29
71	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
72	Ultrasound-assisted synthesis of aliphatic acid esters at room temperature. Ultrasonics Sonochemistry, 2012, 19, 387-389.	8.2	29

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73	Radiative and nonradiative transitions in solution. First excited singlet state of benzene and its methyl derivatives. Journal of the American Chemical Society, 1976, 98, 6-9.	13.7	28
74	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
75	Effect of dialkyldimethylammonium vesicles on the thiolysis of p-nitrophenyl acetate. Tetrahedron Letters, 1979, 20, 3065-3068.	1.4	27
76	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
77	Dynamics of Counterion Exchange in Aqueous Micellar Solution: Salt Effects on the Counterion Exit Rate. Langmuir, 1995, 11, 2459-2463.	3.5	27
78	Excited-State Electron Transfer in Anthocyanins and Related Flavylium Salts. Journal of Physical Chemistry A, 2004, 108, 10133-10140.	2.5	27
79	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
80	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
81	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
82	Zwitterionic surfactants in ion binding and catalysis. Current Opinion in Colloid and Interface Science, 2017, 32, 39-47.	7.4	27
83	Bioinspired water-soluble two-photon fluorophores. Dyes and Pigments, 2018, 150, 105-111.	3.7	27
84	The Quantitative Analysis of Micellar Effects on Chemical Reactivity and Equilibria: An Evolutionary Overview. , 1982, , 949-973.		27
85	Analytical Applications and Implications of Intramolecular Micelle-Mimetic Ionene Aggregates. Analytical Chemistry, 1994, 66, 3449-3457.	6.5	26
86	Catechol versus carboxyl linkage impact on DSSC performance of synthetic pyranoflavylium salts. Dyes and Pigments, 2019, 170, 107577.	3.7	26
87	A kinetic and structural study of two-step aggregation and fusion of neutral phospholipid vesicles promoted by serum albumin at low pH. Chemistry and Physics of Lipids, 1981, 28, 165-180.	3.2	25
88	A Linear Solvation Free Energy Relationship Analysis of Solubilization in Mixed Cationicâ^'Nonionic Micelles. Langmuir, 1999, 15, 6770-6774.	3.5	25
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	Simple Method to Evaluate and to Predict Flash Points of Organic Compounds. Industrial & Engineering Chemistry Research, 2011, 50, 4796-4800.	3.7	25

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91	Photochemistry of organic chromophores incorporated into fatty acid monolayers. Pure and Applied Chemistry, 1977, 49, 379-388.	1.9	24
92	Nanotecnologia e o meio ambiente: perspectivas e riscos. Quimica Nova, 2004, 27, 1028-1029.	0.3	24
93	Manipulation of the Reactivity of a Synthetic Anthocyanin Analogue in Aqueous Micellar Media. Langmuir, 2002, 18, 10109-10115.	3.5	23
94	Solid state photodimerization of surfactant esters of cinnamic acid. Tetrahedron Letters, 1976, 17, 2595-2598.	1.4	22
95	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
96	How Do Amides Affect the Electronic Properties of Pyrene?. ACS Omega, 2018, 3, 12857-12867.	3.5	22
97	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
98	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
99	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
100	Photophenomena in surfactant media. 2. Analysis of the alkaline photohydrolysis of 3,5-dinitroanisole in aqueous micellar solutions of N-tetradecyl-N,N,N-trimethylammonium chloride. The Journal of Physical Chemistry, 1979, 83, 2463-2470.	2.9	20
101	Interference of inorganic ions on phenol degradation by the Fenton reaction. Scientia Agricola, 2012, 69, 347-351.	1.2	20
102	Improved Synthesis of Analogues of Red Wine Pyranoanthocyanin Pigments. ACS Omega, 2018, 3, 954-960.	3.5	20
103	Salt Effects on the Dynamics of Incorporation of Organic Coions into Micelles. Journal of Physical Chemistry B, 1999, 103, 1977-1981.	2.6	19
104	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
105	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
106	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
107	Groundâ€•and Excitedâ€Šstate Acidity of Analogs of Red Wine Pyranoanthocyanins,. Photochemistry and Photobiology, 2018, 94, 1086-1091.	2.5	18
108	Hybrid Pigments from Anthocyanin Analogues and Synthetic Clay Minerals. ACS Omega, 2020, 5, 26592-26600.	3.5	18

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109	The photophysics of photosensitization: A brief overview. Journal of Photochemistry and Photobiology, 2021, 7, 100042.	2.5	18
110	Photochemical Reactions in Organized Monolayer Assemblies. Zeitschrift Fur Physikalische Chemie, 1976, 101, 151-162.	2.8	17
111	Generation of molecular chiral asymmetry through stirred crystallization. Chirality, 2002, 14, 284-287.	2.6	17
112	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
113	From vine to wine: photophysics of a pyranoflavylium analog of red wine pyranoanthocyanins. Pure and Applied Chemistry, 2017, 89, 1761-1767.	1.9	17
114	Excited state interactions and decay routes in bichromophoric systems. Nonconjugated phenyl ketones. Journal of the American Chemical Society, 1975, 97, 347-354.	13.7	16
115	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
116	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
117	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
118	Triplet Excited States and Singlet Oxygen Production by Analogs of Red Wine Pyranoanthocyanins. Photochemistry and Photobiology, 2019, 95, 176-182.	2.5	16
119	The electronic transitions of analogs of red wine pyranoanthocyanin pigments. Photochemical and Photobiological Sciences, 2019, 18, 45-53.	2.9	16
120	Mechanisms of photochemical reactions in solution. LXXXI. Photocyclization of 1,8-divinylnaphthalene. New method for determining the multiplicity of excited state intermediates. Journal of the American Chemical Society, 1974, 96, 7738-7741.	13.7	15
121	Covalently Bound Ionene Polyelectrolyte-Silica Gel Stationary Phases for HPLC. Analytical Chemistry, 2001, 73, 1754-1765.	6.5	15
122	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
123	Dye-sensitized solar cells based on dimethylamino-Ï€-bridge-pyranoanthocyanin dyes. Solar Energy, 2020, 206, 188-199.	6.1	15
124	Alkaline Hydrolysis in Micellar Sodium Dodecyl Sulfate; The â€œBindingâ€•of â^'OH to Anionic Micelles. , 1982, , 1125-1136.		15
125	Bimolecular decay routes in the singlet quenching of naphthalenes by chloroacetonitrile. Journal of the American Chemical Society, 1977, 99, 2240-2245.	13.7	14
126	Determining Counterion Exchange Selectivities at Micelle Surfaces from Fluorescence Decay Measurements. Photochemistry and Photobiology, 1996, 63, 746-749.	2.5	14

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127	A Linear Free Energy Analysis of the Surface Tension of Organic Liquids. Langmuir, 2000, 16, 6689-6692.	3.5	14
128	Novel Ground- and Excited-State Prototropic Reactivity of a Hydroxycarboxyflavylium Salt. Journal of Physical Chemistry A, 2006, 110, 2089-2096.	2.5	14
129	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
130	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
131	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
132	Counterion exchange selectivity coefficients at water-in-oil microemulsion interface. Journal of Colloid and Interface Science, 2003, 267, 494-499.	9.4	13
133	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
134	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
135	Mechanisms of photochemical reactions in solution. LXXVII. New method for the determination of intersystem crossing yields. Journal of the American Chemical Society, 1972, 94, 6246-6247.	13.7	11
136	Synthesis of 4-iodopyrazoles: A Brief Review. Mini-Reviews in Organic Chemistry, 2008, 5, 331-335.	1.3	11
137	On the Significance of the Solubilization Power of Detergents. Langmuir, 2001, 17, 7980-7981.	3.5	10
138	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
139	Toluene and naphthalene sorption by iron oxide/clay composites. Journal of Thermal Analysis and Calorimetry, 2010, 100, 889-896.	3.6	10
140	Chromophores inspired by the colors of fruit, flowers and wine. Pure and Applied Chemistry, 2020, 92, 255-263.	1.9	10
141	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
142	Acceleration of the rate of alkaline ester hydrolysis by linear amphiphilic ionenes. Journal of Polymer Science, Polymer Letters Edition, 1982, 20, 433-437.	0.4	9
143	Synthesis and Characterization of Chiral [3,22]-Ionenes. Macromolecular Symposia, 2005, 229, 197-202.	0.7	9
144	Toluene and naphthalene sorption by iron oxide/clay composites. Journal of Thermal Analysis and Calorimetry, 2010, 101, 887-892.	3.6	9

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145	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
146	Anion binding to surfactant aggregates: AuCl4â˜ in cationic, anionic and zwitterionic micelles. Journal of Molecular Liquids, 2020, 314, 113607.	4.9	9
147	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
148	Does the Photochemical Conversion of Colchicine into Lumicolchicines Involve Triplet Transients? A Solvent Dependence StudyÂ¶. Photochemistry and Photobiology, 2001, 73, 213.	2.5	9
149	Photophysics of ambident organic anions I. Journal of Photochemistry and Photobiology A: Chemistry, 1995, 92, 155-161.	3.9	8
150	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
151	Theoretical Oâ€“CH3 bond dissociation enthalpies of selected aromatic and non-aromatic molecules. Theoretical Chemistry Accounts, 2020, 139, 1.	1.4	8
152	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
153	Using quantum chemistry to predict solubilization in detergent micelles. Computational and Theoretical Chemistry, 1997, 394, 267-270.	1.5	7
154	New approach for the prediction of azeotropy in binary systems. Computers and Chemical Engineering, 2003, 27, 1755-1759.	3.8	7
155	Time-Resolved Fluorescence Quenching Studies of Sodium Lauryl Ether Sulfate Micelles. Journal of the Brazilian Chemical Society, 2013, 24, 241-245.	0.6	7
156	Quantum Chemical Investigation of the Intramolecular Copigmentation Complex of an Acylated Anthocyanin. Journal of the Brazilian Chemical Society, 0, , .	0.6	7
157	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
158	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
159	Tris(Bipyridine) Ruthenium(II): An Efficient Detector of Excited Species Generated by Chemiluminescent Processes. Photochemistry and Photobiology, 1996, 63, 697-701.	2.5	6
160	Counterion Exchange Selectivity in Detergentâ€“Polymer Aggregates. Journal of Colloid and Interface Science, 1997, 190, 461-465.	9.4	6
161	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
162	Photoacidity of the 7â€Hydroxyflavylium Cation. Photochemistry and Photobiology, 2019, 95, 1339-1344.	2.5	6

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