

Hernan Chaimovich

List of Publications by Year in descending order

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166
docs citations

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times ranked

2754
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	PLANT UNCOUPLING MITOCHONDRIAL PROTEINS. Annual Review of Plant Biology, 2006, 57, 383-404.	8.6	184
3	PUMPing plants. Nature, 1995, 375, 24-24.	13.7	161
4	Arenediazonium Salts: A New Probes of the Interfacial Compositions of Association Colloids. 6. Relationships between Interfacial Counterion and Water Concentrations and Surfactant Headgroup Size, Sphere-to-Rod Transitions, and Chemical Reactivity in Cationic Micelles. Langmuir, 2000, 16, 59-71.	1.6	137
5	Induction of antiphospholipid antibodies by immunization with synthetic viral and bacterial peptides. Lupus, 1999, 8, 449-455.	0.8	108
6	Preparation and characterization of large dioctadecyldimethylammonium chloride liposomes and comparison with small sonicated vesicles. Biochimica Et Biophysica Acta - Biomembranes, 1983, 733, 172-179.	1.4	100
7	Kinetic studies and properties of potato apyrase. Archives of Biochemistry and Biophysics, 1965, 109, 173-184.	1.4	98
8	Peptide:lipid ratio and membrane surface charge determine the mechanism of action of the antimicrobial peptide BP100. Conformational and functional studies. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 1985-1999.	1.4	93
9	Electrostatic properties of zwitterionic micelles. The Journal of Physical Chemistry, 1992, 96, 6442-6449.	2.9	89
10	Recognition and international collaboration: the Brazilian case. Scientometrics, 2002, 53, 325-335.	1.6	88
11	Effect of lipid membranes on the apparent pK of the local anesthetic tetracaine spin label and titration studies. Biochimica Et Biophysica Acta - Biomembranes, 1984, 769, 231-237.	1.4	84
12	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.	1.0	81
13	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
14	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.	1.4	81
15	Water activity in reversed sodium bis(2-ethylhexyl) sulfosuccinate micelles. The Journal of Physical Chemistry, 1986, 90, 282-287.	2.9	81
16	Origin of the Sphere-to-Rod Transition in Cationic Micelles with Aromatic Counterions: Specific Ion Hydration in the Interfacial Region Matters. Langmuir, 2005, 21, 562-568.	1.6	71
17	Ion exchange in micellar solutions. 4. "Buffered" systems. The Journal of Physical Chemistry, 1980, 84, 361-365.	2.9	70
18	Salt-induced aggregation and fusion of dioctadecyldimethylammonium chloride and sodium dihexadecylphosphate vesicles. Biophysical Journal, 1986, 50, 621-628.	0.2	64

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19	Effect of Urea on Biomimetic Systems: Neither Water 3-D Structure Rupture nor Direct Mechanism, Simply a More "Polar Water". Langmuir, 2002, 18, 319-324.	1.6	64
20	New Method for Estimating the Degree of Ionization and Counterion Selectivity of Cetyltrimethylammonium Halide Micelles: Chemical Trapping of Free Counterions by a Water Soluble Arenediazonium Ion. Langmuir, 1997, 13, 647-652.	1.6	62
21	Rearrangement accompanying the photolysis of diazoacyl esters. Journal of the American Chemical Society, 1968, 90, 4088-4093.	6.6	61
22	The Aminoacyl Transfer Ribonucleic Acid Synthetases. Journal of Biological Chemistry, 1970, 245, 93-101.	1.6	56
23	Effect of hexadecyltrimethylammonium bromide on the thiolysis of p-nitrophenyl acetate. Journal of Organic Chemistry, 1978, 43, 2248-2252.	1.7	53
24	Functional reconstitution of Arabidopsis thaliana plant uncoupling mitochondrial protein (At) Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 542	1.3	53
25	Size, electrophoretic mobility, and ion dissociation of vesicles prepared with synthetic amphiphiles. The Journal of Physical Chemistry, 1990, 94, 3722-3725.	2.9	52
26	Salt effects on the stability of dioctadecyldimethylammonium chloride and sodium dihexadecyl phosphate vesicles. The Journal of Physical Chemistry, 1985, 89, 2928-2933.	2.9	49
27	Evidence that the effects of synthetic amphiphile vesicles on reaction rates depend on vesicle size. The Journal of Physical Chemistry, 1991, 95, 1458-1463.	2.9	48
28	Purification and properties of an acid phosphatase from bovine brain. Archives of Biochemistry and Biophysics, 1970, 139, 9-16.	1.4	46
29	Permeabilities and stabilities of large dihexadecylphosphate and dioctadecyldimethylammonium chloride vesicles. Journal of Colloid and Interface Science, 1984, 100, 433-443.	5.0	46
30	The aminoacyl transfer ribonucleic acid synthetases. II. Properties of an adenosine triphosphate-threonyl transfer ribonucleic acid synthetase complex. Journal of Biological Chemistry, 1970, 245, 93-101.	1.6	44
31	Determination of Halide Concentrations at the Interface of Zwitterionic Micelles by Chemical Trapping: Influence of the Orientation of the Dipole and the Nature of the Cation. Journal of Colloid and Interface Science, 1999, 220, 96-102.	5.0	43
32	Concentration of Urea in Interfacial Regions of Aqueous Cationic, Anionic, and Zwitterionic Micelles Determined by Chemical Trapping. Langmuir, 2003, 19, 9179-9190.	1.6	39
33	Selectivity coefficients for ion exchange in micelles of hexadecyltrimethylammonium bromide and chloride. Journal of Colloid and Interface Science, 1983, 96, 293-295.	5.0	38
34	Formation and properties of reversed micelles of Aerosol OT containing urea in the aqueous pool. Langmuir, 1992, 8, 2417-2421.	1.6	38
35	Micellar catalysis of the reaction of 2,4-dinitrofluorobenzene with phenoxide and thiophenoxide ions. Tetrahedron, 1975, 31, 1139-1143.	1.0	35
36	Revisiting the reactions of nucleophiles with arenediazonium ions: dediazonation of arenediazonium salts in aqueous and micellar solutions containing alkyl sulfates and alkanesulfonates and an ab initio analysis of the reaction pathway. Perkin Transactions II RSC, 2000, , 1896-1907.	1.1	35

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37	Thiolysis and Alcoholysis of Phosphate Tri- and Monoesters with Alkyl and Aryl Leaving Groups. An ab Initio Study in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2005, 109, 5625-5635.	1.1	35
38	Fusion of small unilamellar vesicles induced by a serum albumin fragment of molecular weight 9000. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1984, 772, 231-234.	1.4	34
39	A remarkable enhancement of the rate of ester thiolysis by synthetic amphiphile vesicles. <i>Tetrahedron</i> , 1982, 38, 917-920.	1.0	33
40	A Highly Active ATP-Insensitive K+Import Pathway in Plant Mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 2004, 36, 195-202.	1.0	33
41	Effect of Counterions on the Shape, Hydration, and Degree of Order at the Interface of Cationic Micelles: The Triflate Case. <i>Langmuir</i> , 2013, 29, 4193-4203.	1.6	33
42	Steady state kinetics and effect of SH inhibitors on acid phosphatase from bovine brain. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1975, 391, 316-325.	1.4	31
43	Parameterization of the electronegativity equalization method based on the charge model 1. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 5933-5936.	1.3	31
44	Ion exchange between n-alkyl carboxylates and bromide at the surface of cetyltrimethylammonium micelles. <i>Journal of Colloid and Interface Science</i> , 1985, 103, 139-144.	5.0	29
45	Ion binding and selectivity in zwitterionic micelles. <i>The Journal of Physical Chemistry</i> , 1990, 94, 6781-6785.	2.9	29
46	Characterization of dioctadecyldimethylammonium chloride vesicles prepared by membrane extrusion and dichloromethane injection. <i>Journal of Molecular Liquids</i> , 1997, 72, 323-336.	2.3	29
47	Micellar Modification of Drug Stability: Analysis of the Effect of Hexadecyltrimethylammonium Halides on the Rate of Degradation of Cephaclor. <i>Journal of Pharmaceutical Sciences</i> , 1990, 79, 37-42.	1.6	28
48	The Hydrolysis of Glucose 6-Phosphate ^{1,2} . <i>Journal of the American Chemical Society</i> , 1966, 88, 4082-4089.	6.6	27
49	Activation of low molecular weight acid phosphatase from bovine brain by purines and glycerol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1977, 485, 116-123.	1.4	27
50	Effect of dialkyldimethylammonium vesicles on the thiolysis of p-nitrophenyl acetate. <i>Tetrahedron Letters</i> , 1979, 20, 3065-3068.	0.7	27
51	The Quantitative Analysis of Micellar Effects on Chemical Reactivity and Equilibria: An Evolutionary Overview. , 1982, , 949-973.		27
52	Effects of Urea on Dioctadecyldimethylammonium Monolayers. <i>Langmuir</i> , 1995, 11, 1715-1719.	1.6	26
53	Urea-Induced Decrease of Anion Selectivity in Surfactant Aggregates. <i>Langmuir</i> , 1996, 12, 1166-1171.	1.6	26
54	Determination of Interfacial Co-ion Concentration in Ionic Micelles by Chemical Trapping:â€‰‰ Halide Concentration at the Interface of Sodium Dodecyl Sulfate Micelles. <i>Langmuir</i> , 1997, 13, 5032-5035.	1.6	26

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55	A kinetic and structural study of two-step aggregation and fusion of neutral phospholipid vesicles promoted by serum albumin at low pH. <i>Chemistry and Physics of Lipids</i> , 1981, 28, 165-180.	1.5	25
56	Electrostatic micellar effects on the rate of spontaneous decomposition of m-nitrophenyl 9-fluorene-carboxylate. <i>Journal of the American Chemical Society</i> , 1992, 114, 2144-2146.	6.6	25
57	Interfacial Concentrations of Chloride and Bromide and Selectivity for Ion Exchange in Vesicles Prepared with Dioctadecyldimethylammonium Halides, Lipids, and Their Mixtures. <i>Langmuir</i> , 2002, 18, 8817-8823.	1.6	25
58	Effects of Micelles and Vesicles on the Oximolysis of p-Nitrophenyl Diphenyl Phosphate: A Model System for Surfactant-Based Skin-Defensive Formulations against Organophosphates. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 1040-1052.	1.6	25
59	Ion exchange between alkyl dicarboxylates and hydrophilic anions at the surface of cetyltrimethylammonium micelles. <i>Journal of Colloid and Interface Science</i> , 1986, 112, 513-520.	5.0	24
60	Effect of Detergents and Other Amphiphiles on the Stability of Pharmaceutical Drugs. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 45, 850-861.	1.2	24
61	Spin label studies of micellar and pre-micellar aggregates. <i>Chemistry and Physics of Lipids</i> , 1976, 16, 19-30.	1.5	23
62	Quantitative determination of alkylammonium amphiphiles using neutral detergents. <i>Journal of Colloid and Interface Science</i> , 1987, 117, 200-204.	5.0	23
63	Mapping cancer, cardiovascular and malaria research in Brazil. <i>Brazilian Journal of Medical and Biological Research</i> , 2000, 33, 853-867.	0.7	23
64	Analysis of the Bromide Ion Distribution in the Water Pool of Reverse Micelles of Hexadecyltrimethylammonium Bromide in Chloroform/n-Dodecane and Isooctane/n-Hexanol by Chemical Trapping. <i>Langmuir</i> , 2001, 17, 1060-1068.	1.6	23
65	Ab Initio Study of the Thiolysis of Trimethyl Phosphate Ester in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2002, 106, 9078-9084.	1.1	23
66	Control of reaction rates in vesicular systems. <i>Journal of the American Chemical Society</i> , 1989, 111, 365-366.	6.6	22
67	Hydrolysis of 1,8- and 2,3-naphthalic anhydrides and the mechanism of cyclization of 1,8-naphthalic acid in aqueous solutions. The IUPAC name for naphthalic acid is naphthalenedicarboxylic acid. Electronic supplementary information (ESI) available: tables containing the values of the rate constants. See http://www.rsc.org/suppdata/p2/b1/b104148g/ . <i>Perkin Transactions II RSC</i> , 2001, , 2242-2250.	1.1	22
68	Calculation of the Dipole Moment for Polypeptides Using the Generalized Born-Electronegativity Equalization Method: Results in Vacuum and Continuum-Dielectric Solvent. <i>Journal of Physical Chemistry B</i> , 2004, 108, 4171-4177.	1.2	22
69	Effect of Vesicles of Dimethyldioctadecylammonium Chloride and Phospholipids on the Rate of Decarboxylation of 6-Nitrobenzoxazole-3-carboxylate. <i>Langmuir</i> , 2000, 16, 993-999.	1.6	21
70	Dielectric Relaxation Spectroscopy Shows a Sparingly Hydrated Interface and Low Counterion Mobility in Triflate Micelles. <i>Langmuir</i> , 2013, 29, 10037-10046.	1.6	21
71	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. <i>The Journal of Physical Chemistry</i> , 1979, 83, 2463-2470.	2.9	20
72	Effect of hexadecyltrimethylammonium bromide micelles on the hydrolysis of substituted benzoate esters. <i>Journal of Physical Organic Chemistry</i> , 1991, 4, 13-18.	0.9	20

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73	Quantitative analysis of reagent distribution and reaction rates in vesicles. , 1997, , 67-77.		20
74	Effect of Liposomes on the Rate of Alkaline Hydrolysis of Indomethacin and Acemetacin. Journal of Pharmaceutical Sciences, 2001, 90, 298-309.	1.6	20
75	Synthesis, biophysical and functional studies of two BP100 analogues modified by a hydrophobic chain and a cyclic peptide. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 1502-1516.	1.4	20
76	Spin label study of detergents in the region of critical micelle concentration. Chemistry and Physics of Lipids, 1977, 18, 304-315.	1.5	19
77	Binding and reactivity of thiosulfate dianion in positively charged micelles: a quantitative analysis. Journal of the American Chemical Society, 1982, 104, 4544-4546.	6.6	19
78	Opposite \hat{I}^2 -glycoprotein I requirement for the binding of infectious and autoimmune antiphospholipid antibodies to cardiolipin liposomes is associated with antibody avidity. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1416, 225-238.	1.4	18
79	Surface Activity of the Triflate Ion at the Air/Water Interface and Properties of $\langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle, \langle i \rangle N \langle /i \rangle$ -Trimethyl- $\langle i \rangle N \langle /i \rangle$ -Dodecylammonium Triflate Aqueous Solutions. Langmuir, 2011, 27, 4319-4323.	1.6	18
80	Micellar catalysis of the intramolecular aminolysis of the β -lactam antibiotic cephaclor. Journal of Physical Organic Chemistry, 1991, 4, 19-24.	0.9	16
81	PVP superabsorbent nanogels. Colloid and Polymer Science, 2009, 287, 705-713.	1.0	16
82	Integration of the nonlinear Poisson-Boltzmann equation for charged vesicles in electrolytic solutions. Langmuir, 1993, 9, 702-707.	1.6	15
83	Phase Transition Temperature of Vesicles Determined by Surface Tension Measurements: A Fast Method. Journal of Colloid and Interface Science, 1998, 198, 1-5.	5.0	15
84	Scientists Raise Alarms about Fast Tracking of Transoceanic Canal through Nicaragua. Environmental Science & Technology, 2015, 49, 3989-3996.	4.6	15
85	Alkaline Hydrolysis in Micellar Sodium Dodecyl Sulfate; The $\hat{\alpha}$ Binding $\hat{\alpha}$ of $\hat{\omega}$ OH to Anionic Micelles. , 1982, , 1125-1136.		15
86	The Acid-Catalyzed Hydrolysis of Pyrophosphoric Acid. Inorganic Chemistry, 1965, 4, 1763-1766.	1.9	14
87	Importance of SH groups in catalysis by bovine brain acid phosphatase. Biochimica Et Biophysica Acta - Biomembranes, 1976, 438, 153-158.	1.4	14
88	Variation of counterion binding in micelles of cetyltrimethylammonium hydroxide. The Journal of Physical Chemistry, 1983, 87, 3584-3586.	2.9	14
89	Kinetic demonstration of premicellar aggregation. The alkaline hydrolysis of N-hexadecyl-4-cyanopyridinium bromide. Tetrahedron Letters, 1989, 30, 1051-1054.	0.7	14
90	Micellar effects on the alkaline hydrolysis of N-alkyl-4-cyanopyridinium ions. An example of micelle-induced regiochemical selectivity. Journal of Physical Organic Chemistry, 1991, 4, 207-216.	0.9	14

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91	pH at the micellar interface: Synthesis of pH probes derived from salicylic acid, acid-base dissociation in sodium dodecyl sulfate micelles, and Poisson-Boltzmann simulation. <i>Journal of Colloid and Interface Science</i> , 2006, 297, 292-302.	5.0	14
92	Sodium Triflate Decreases Interaggregate Repulsion and Induces Phase Separation in Cationic Micelles. <i>Langmuir</i> , 2015, 31, 2609-2614.	1.6	14
93	Effect of Hexadecyltrimethylammonium Bromide-Based Microemulsions on the Rate of Decomposition of the β -Lactam Antibiotic Cephaclo. <i>Journal of Pharmaceutical Sciences</i> , 1997, 86, 616-620.	1.6	13
94	Rate-limiting step and micellar catalysis of the non-classical nitro group nucleophilic substitution by thiols in 4-nitro-N-n-butyl-1,8-naphthalimide. <i>Journal of Physical Organic Chemistry</i> , 2003, 16, 311-317.	0.9	13
95	Solvolysis of Tris-p-nitrophenyl-phosphate in aqueous and reverse micelles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004, 250, 385-394.	2.3	13
96	Binding and Flip as Initial Steps for BP-100 Antimicrobial Actions. <i>Scientific Reports</i> , 2019, 9, 8622.	1.6	13
97	Characterization of PMMA-b-PDMAEMA aggregates in aqueous solutions. <i>Colloid and Polymer Science</i> , 2019, 297, 557-569.	1.0	13
98	Determination of micromolar concentrations of iodine with aqueous micellar hexadecyltrimethylammonium bromide. <i>Analytical Chemistry</i> , 1982, 54, 789-791.	3.2	12
99	Selectivity coefficients for iodide/bromide and iodide/chloride counterion exchanges at the surfaces of dioctadecyldimethylammonium vesicles. <i>Langmuir</i> , 1990, 6, 1601-1604.	1.6	12
100	Mechanism of 1,4,5,8-naphthalene tetracarboxylic acid dianhydride hydrolysis and formation in aqueous solution. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 71-82.	1.5	12
101	Characterization of phospholipid vesicles containing lauric acid: physicochemical basis for process and product development. <i>Heliyon</i> , 2019, 5, e02648.	1.4	12
102	Permeation of superoxide anion through the bilayer of vesicles of a synthetic amphiphile. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1152, 78-82.	1.4	11
103	MECHANISTICALLY OPTIMIZED INTRAMOLECULAR CATALYSIS IN THE HYDROLYSIS OF ESTERS. GLOBAL CHANGES INVOLVED IN MOLECULAR REACTIVITY. <i>Journal of Physical Organic Chemistry</i> , 1997, 10, 461-465.	0.9	11
104	Molecular Dynamics Shows That Ion Pairing and Counterion Anchoring Control the Properties of Triflate Micelles: A Comparison with Triflate at the Air/Water Interface. <i>Langmuir</i> , 2014, 30, 1239-1249.	1.6	11
105	Effect of spermine on the reaction catalyzed by threonyl-tRNA synthetase from rat liver. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1973, 309, 502-507.	1.4	10
106	Stability and activity modulation of chymotrypsins in AOT reversed micelles by protein-interface interaction: Interaction of β -chymotrypsin with a negative interface leads to a cooperative breakage of a salt bridge that keeps the catalytic active conformation (Ile16-Asp194). , 1998, 59, 360-363.		10
107	Fusion of vesicles with the air-water interface: the influence of polar head group, salt concentration, and vesicle size. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1463, 301-306.	1.4	10
108	Decarboxylation of 6-Nitrobenzisoxazole-3-carboxylate in Mixed Micelles of Zwitterionic and Positively Charged Surfactants. <i>Langmuir</i> , 2006, 22, 8050-8055.	1.6	10

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109	Dehydration Determines Hydrotropic Ion Affinity for Zwitterionic Micelles. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 604-610.	2.5	10
110	Effect of detergents on the S- to N-acyl transfer of S-acyl-beta-mercaptoethylamines. <i>Journal of Organic Chemistry</i> , 1977, 42, 3400-3403.	1.7	9
111	Spin label studies of structural and dynamical properties of detergent aggregates. <i>Journal of Magnetic Resonance</i> , 1978, 30, 283-298.	0.5	9
112	A quantitative analysis of the effect of hexadecyltrimethylammonium bromide micelles on the rate of alkaline hydrolysis of benzylpenicillin. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1985, , 925.	0.9	9
113	Electron Spin Resonance Study of the Effect of Urea on the Properties of AOT Reverse Micelles in Isooctane. <i>Langmuir</i> , 1994, 10, 1786-1792.	1.6	9
114	A convenient method for lecithin purification from fresh eggs. <i>Quimica Nova</i> , 2008, 31, 910-913.	0.3	9
115	Interfacial concentrations of chloride and bromide in zwitterionic micelles with opposite dipoles: Experimental determination by chemical trapping and a theoretical description. <i>Journal of Colloid and Interface Science</i> , 2012, 371, 62-72.	5.0	9
116	Ion dehydration controls adsorption at the micellar interface: hydrotropic ions. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 30658-30666.	1.3	9
117	Experimental mapping of a pH gradient from a positively charged micellar interface to bulk solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125770.	2.3	9
118	Formation and decomposition of <i>N</i> -alkylphthalimides: experimental evidences and a description of the reaction pathways. <i>Journal of Physical Organic Chemistry</i> , 2011, 24, 385-397.	0.9	7
119	Specific Ion Effects on Zwitterionic Micelles Are Independent of Interfacial Hydration Changes. <i>Langmuir</i> , 2018, 34, 11049-11057.	1.6	7
120	Stimuli-responsive polymersomes of poly [2-(dimethylamino) ethyl methacrylate]- <i>b</i> -polystyrene. <i>Polymer Bulletin</i> , 2022, 79, 785-805.	1.7	7
121	Micelle-induced change in the rate-limiting step of substituted benzoate ester thiolysis. <i>Journal of Physical Organic Chemistry</i> , 1993, 6, 7-14.	0.9	6
122	A simple surface tension method for demonstrating the L^2 - L^1 transition in biological membranes. <i>Biochemical Education</i> , 1998, 26, 233-238.	0.1	6
123	β 2 -Glycoprotein I (Apolipoprotein H) Modulates Uptake and Endocytosis Associated Chemiluminescence in Rat Kupffer Cells. <i>Free Radical Research</i> , 2002, 36, 741-747.	1.5	6
124	Brasil, ciência, tecnologia: alguns dilemas e desafios. <i>Estudos Avancados</i> , 2000, 14, 134-143.	0.2	6
125	Proton transfer in aqueous urea solutions. <i>Journal of Solution Chemistry</i> , 1989, 18, 1055-1067.	0.6	5
126	Effect of hexadecyltrimethylammonium bromide micelles on the rate of oximolysis of esters. <i>Journal of Physical Organic Chemistry</i> , 1992, 5, 341-348.	0.9	5

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127	Structure-activity relationships in the fusion of small unilamellar phosphatidylcholine vesicles induced by a model peptide. <i>Biochimie</i> , 1997, 79, 509-516.	1.3	5
128	Molecular Dynamics Simulations of the Initial-State Predict Product Distributions of Dediazotiation of Aryldiazonium in Binary Solvents. <i>Journal of Organic Chemistry</i> , 2015, 80, 8637-8642.	1.7	5
129	Effect of urea on ion pair formation. The hydrophilic effect of urea. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 520, 173-177.	2.3	5
130	Substrate specificity and inhibition studies on potato apyrase. <i>Biochemische Zeitschrift</i> , 1965, 342, 345-58.	0.6	5
131	Effect of hexadecyltrimethylammonium bromide on the hydrolysis of N-alkyl-4-cyanopyridinium ions. <i>Tetrahedron Letters</i> , 1978, 19, 115-118.	0.7	4
132	Reactions of 1,?-bis(2-bromopyridinium)alkanes with hydroxide ion in aqueous solutions. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 25-30.	0.9	4
133	A simple method for the fast calculation of charge redistribution of solutes in an implicit solvent model. <i>Chemical Physics</i> , 2002, 282, 237-243.	0.9	4
134	The Life Sciences - the relative contribution of the University of São Paulo to the highest impact factor journals and to those with the largest number of articles, 1980 to 1999. <i>Scientometrics</i> , 2005, 63, 599-616.	1.6	4
135	Counting ions and other nucleophiles at surfaces by chemical trapping. <i>Biophysical Reviews</i> , 2017, 9, 617-631.	1.5	4
136	Simulations reveal that antimicrobial BP100 induces local membrane thinning, slows lipid dynamics and favors water penetration. <i>RSC Advances</i> , 2022, 12, 4573-4588.	1.7	4
137	A rapid quantitative method for determining the homolog composition of quaternary ammonium surfactants. <i>Journal of Colloid and Interface Science</i> , 1984, 97, 115-119.	5.0	3
138	Short communication. Synthesis and properties of 4-cyano-1-(7-carboxyheptadecyl)pyridinium bromide: A probe of the ionic composition near the surface of positively charged micelles. <i>Journal of Physical Organic Chemistry</i> , 1991, 4, 643-646.	0.9	3
139	Preparation of PVP hydrogel nanoparticles using lecithin vesicles. <i>Quimica Nova</i> , 2010, 33, 2083-2087.	0.3	3
140	Kinetics and product distribution of p-nitrophenyl phosphate dianion solvolysis in ternary DMSO/alcohol/water mixtures are compatible with metaphosphate formation. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 9-13.	0.9	3
141	Biosseguridade. <i>Estudos Avancados</i> , 2005, 19, 261-269.	0.2	3
142	Effect of salts on the kinetic parameters and thermal stability of bovine brain acid phosphatase. <i>General Pharmacology</i> , 1976, 7, 173-176.	0.7	2
143	Naphthalimide-Containing BP100 Leads to Higher Model Membranes Interactions and Antimicrobial Activity. <i>Biomolecules</i> , 2021, 11, 542.	1.8	2
144	Peptide:Lipid Ratio and Membrane Surface Charge Modulate the Mechanism of Action of the Antimicrobial Peptide BP100. <i>Biophysical Journal</i> , 2014, 106, 441a.	0.2	1

#	ARTICLE	IF	CITATIONS
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