Joao P S Farah

List of Publications by Year
in descending order

23	619	759233 12	677142 22
papers	citations	h-index	g-index

24	24	24	693
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Elucidation of the Metabolic Fate of Glucose in the Filamentous Fungus Trichoderma reesei Using Expressed Sequence Tag (EST) Analysis and cDNA Microarrays. Journal of Biological Chemistry, 2002, 277, 13983-13988.	3.4	128
3	Kinetics of the pH-Independent Hydrolysis of Bis(2,4-dinitrophenyl) Carbonate in Acetonitrileâ^'Water Mixtures:Â Effects of the Structure of the Solvent. Journal of Organic Chemistry, 1997, 62, 5928-5933.	3.2	31
4	Parameterization of the electronegativity equalization method based on the charge model 1. Physical Chemistry Chemical Physics, 2002, 4, 5933-5936.	2.8	31
5	Optimization of the separation of flavonoids using solvent-modified micellar electrokinetic chromatography. Electrophoresis, 2005, 26, 3387-3396.	2.4	30
6	Development and validation of a liquid chromatography method for anthocyanins in strawberry (Fragaria spp.) and complementary studies on stability, kinetics and antioxidant power. Food Chemistry, 2016, 192, 566-574.	8.2	29
7	A Linear Solvation Free Energy Relationship Analysis of Solubilization in Mixed Cationicâ^'Nonionic Micelles. Langmuir, 1999, 15, 6770-6774.	3.5	25
8	Calculation of the Dipole Moment for Polypeptides Using the Generalized Born-Electronegativity Equalization Method:â€‰ Results in Vacuum and Continuum-Dielectric Solvent. Journal of Physical Chemistry B, 2004, 108, 4171-4177.	2.6	22
9	Mixtureâ€designed electrolytes for the MEKC separation of natural and synthetic steroids. Electrophoresis, 2007, 28, 3722-3730.	2.4	22
10	Assessing the separation of neutral plant secondary metabolites by micellar electrokinetic chromatography. Journal of Chromatography A, 2003, 1004, 131-143.	3.7	17
11	Effect of Alkyl Group Size on the Mechanism of Acid Hydrolyses of Benzaldehyde Acetals. Journal of Organic Chemistry, 2003, 68, 706-717.	3.2	15
12	Proton NMR study on the structure of water in the Stern layer of negatively charged micelles. The Journal of Physical Chemistry, 1987, 91, 2950-2954.	2.9	14
13	A proton NMR study on the structure of water of hydration of aqueous micelles. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1989, 93, 180-183.	0.9	14
14	Mechanism of 1,4,5,8-naphthalene tetracarboxylic acid dianhydride hydrolysis and formation in aqueous solution. Organic and Biomolecular Chemistry, 2006, 4, 71-82.	2.8	12
15	Kinetics of the aminolysis and hydrolysis of p-nitrophenyl carboxylates in the presence of dodecylammonium propionate and aerosol-OT aggregates in benzene. Journal of Organic Chemistry, 1979, 44, 4832-4836.	3.2	9
16	Predicting Hydration Free Energies of Neutral Compounds by a Parametrization of the Polarizable Continuum Model. Journal of Physical Chemistry A, 2005, 109, 11322-11327.	2.5	9
17	Imidazole-Catalyzed Hydrolysis of Substituted Benzoate Esters. A Detailed Kinetic and Mechanistic Study. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1991, 95, 1610-1615.	0.9	8
18	Estimating reaction constants by ab initio molecular modeling: a study on the oxidation of phenol to catechol and hydroquinone in advanced oxidation processes. Brazilian Journal of Chemical Engineering, 2012, 29, 113-120.	1.3	8

#	ARTICLE	IF	CITATIONS
19	Evidence for the effect of a reversed micelle on the transition state for the hydration of 1,3-dichloroacetone. Journal of Organic Chemistry, 1981, 46, 1231-1232.	3.2	5
20	A proton magnetic resonance study of the deuterium-protium fractionation in aqueous solutions of alkali-metal chlorides. The Journal of Physical Chemistry, 1984, 88, 2669-2671.	2.9	5
21	New reductive addition of hard nucleophiles to 6,7-bis(methylsulfanyl)-1,4-dihydro-1,4-methanonaphthalene-5,8-dione. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 3692-3694.	1.3	4
22	Ester aminolysis in the presence of alkylammonium carboxylate reversed micelles. On the nature of the rate-limiting step. Journal of Organic Chemistry, 1984, 49, 4063-4065.	3.2	3
23	Assessment of Solute-Micelle Interactions in Electrokinetic Chromatography Using Quantitative Structure-Retention Relationships. , 0, , 345-366.		0