

Joao P S Farah

List of Publications by Year in descending order

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papers

619
citations

759233

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677142

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citing authors

#	ARTICLE	IF	CITATIONS
1	Development and validation of a liquid chromatography method for anthocyanins in strawberry (<i>Fragaria</i> spp.) and complementary studies on stability, kinetics and antioxidant power. <i>Food Chemistry</i> , 2016, 192, 566-574.	8.2	29
2	Estimating reaction constants by ab initio molecular modeling: a study on the oxidation of phenol to catechol and hydroquinone in advanced oxidation processes. <i>Brazilian Journal of Chemical Engineering</i> , 2012, 29, 113-120.	1.3	8
3	Mixture-designed electrolytes for the MEKC separation of natural and synthetic steroids. <i>Electrophoresis</i> , 2007, 28, 3722-3730.	2.4	22
4	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.	2.8	12
5	Optimization of the separation of flavonoids using solvent-modified micellar electrokinetic chromatography. <i>Electrophoresis</i> , 2005, 26, 3387-3396.	2.4	30
6	Predicting Hydration Free Energies of Neutral Compounds by a Parametrization of the Polarizable Continuum Model. <i>Journal of Physical Chemistry A</i> , 2005, 109, 11322-11327.	2.5	9
7	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.	2.6	22
8	Assessing the separation of neutral plant secondary metabolites by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2003, 1004, 131-143.	3.7	17
9	Effect of Alkyl Group Size on the Mechanism of Acid Hydrolyses of Benzaldehyde Acetals. <i>Journal of Organic Chemistry</i> , 2003, 68, 706-717.	3.2	15
10	Parameterization of the electronegativity equalization method based on the charge model 1. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 5933-5936.	2.8	31
11	Elucidation of the Metabolic Fate of Glucose in the Filamentous Fungus <i>Trichoderma reesei</i> Using Expressed Sequence Tag (EST) Analysis and cDNA Microarrays. <i>Journal of Biological Chemistry</i> , 2002, 277, 13983-13988.	3.4	128
12	New reductive addition of hard nucleophiles to 6,7-bis(methylsulfanyl)-1,4-dihydro-1,4-methanonaphthalene-5,8-dione. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3692-3694.	1.3	4
13	A Linear Solvation Free Energy Relationship Analysis of Solubilization in Mixed Cationic/Nonionic Micelles. <i>Langmuir</i> , 1999, 15, 6770-6774.	3.5	25
14	Kinetics of the pH-Independent Hydrolysis of Bis(2,4-dinitrophenyl) Carbonate in Acetonitrile/Water Mixtures: Effects of the Structure of the Solvent. <i>Journal of Organic Chemistry</i> , 1997, 62, 5928-5933.	3.2	31
15	Incorporation of Nonionic Solutes into Aqueous Micelles: A Linear Solvation Free Energy Relationship Analysis. <i>The Journal of Physical Chemistry</i> , 1995, 99, 11708-11714.	2.9	178
16	Imidazole-Catalyzed Hydrolysis of Substituted Benzoate Esters. A Detailed Kinetic and Mechanistic Study. <i>Zeitschrift Fur Elektrochemie Und Elektrochemie</i> , 1991, 95, 1610-1615.	0.9	8
17	A proton NMR study on the structure of water of hydration of aqueous micelles. <i>Zeitschrift Fur Elektrochemie Und Elektrochemie</i> , 1989, 93, 180-183.	0.9	14
18	Proton NMR study on the structure of water in the Stern layer of negatively charged micelles. <i>The Journal of Physical Chemistry</i> , 1987, 91, 2950-2954.	2.9	14

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19	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
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	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
22	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
23	Assessment of Solute-Micelle Interactions in Electrokinetic Chromatography Using Quantitative Structure-Retention Relationships. , 0, , 345-366.		0