JosÃ© Salvador

List of Publications by Year
in descending order

31 papers	772 citations	516710 16 h-index	501196 28 g-index
31 all docs	31 docs citations	31 times ranked	629 citing authors

#	Article	IF	Citations
1	Dissolution Kinetics and Solubility of ZnO Nanoparticles Followed by AGNES. Journal of Physical Chemistry C, 2012, 116, 11758-11767.	3.1	152
2	Competition effects in cation binding to humic acid: Conditional affinity spectra for fixed total metal concentration conditions. Geochimica Et Cosmochimica Acta, 2010, 74, 5216-5227.	3.9	12
3	Ion binding to polyelectrolytes: Monte Carlo simulations versus classical mean field theories. Theoretical Chemistry Accounts, 2009, 123, 127-135.	1.4	15
4	Effective Affinity Distribution for the Binding of Metal Ions to a Generic Fulvic Acid in Natural Waters. Environmental Science & Technology, 2009, 43, 7184-7191.	10.0	50
5	Competitive Cd²⁺/H⁺ Complexation to Polyacrylic Acid Described by the Stepwise and Intrinsic Stability Constants. Journal of Physical Chemistry B, 2008, 112, 10092-10100.	2.6	10
6	Competitive Ion Complexation to Polyelectrolytes:â€‰ Determination of the Stepwise Stability Constants. The Ca²⁺/H⁺/Polyacrylate System. Journal of Physical Chemistry B, 2007, 111, 10421-10430.	2.6	12
7	Ligand Mixture Effects in Metal Complex Lability. Journal of Physical Chemistry A, 2007, 111, 4304-4311.	2.5	28
8	Electrostatic and specific binding to macromolecular ligands. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 306, 2-13.	4.7	32
9	Lability of a Mixture of Metal Complexes under Steady-State Planar Diffusion in a Finite Domain. Journal of Physical Chemistry B, 2006, 110, 13661-13669.	2.6	20
10	Lability Criteria for Successive Metal Complexes in Steady-State Planar Diffusion. Journal of Physical Chemistry B, 2006, 110, 891-899.	2.6	22
11	Lability of complexes in steady-state finite planar diffusion. Journal of Electroanalytical Chemistry, 2006, 588, 303-313.	3.8	35
12	Voltammetry of heterogeneous labile metalâ€“macromolecular systems for any ligand to metal ratio: part IV. Binding curve from the polarographic waves. Journal of Electroanalytical Chemistry, 2005, 577, 311-321.	3.8	3
13	Binding Curve from Normalized Limiting Currents of Labile Heterogeneous Metal-Macromolecular Systems. The Case of Cd/Humic Acid. Electroanalysis, 2003, 15, 452-459.	2.9	7
14	Complexation isotherms in metal speciation studies at trace concentration levels. Voltammetric techniques in environmental samples. Physical Chemistry Chemical Physics, 2002, 4, 3764-3773.	2.8	27
15	Voltammetry of heterogeneous labile metal-macromolecular systems for any ligand-to-metal ratio.. Journal of Electroanalytical Chemistry, 2002, 530, 23-32.	3.8	5
16	Voltammetric lability of metal complexes at spherical microelectrodes with various radii. Journal of Electroanalytical Chemistry, 2001, 505, 85-94.	3.8	106
17	Voltammetry of heterogeneous labile metalâ€“macromolecular systems for any ligand-to-metal ratio. Journal of Electroanalytical Chemistry, 2001, 514, 83-93.	3.8	5
18	Voltammetry of heterogeneous labile metalâ€“macromolecular systems for any ligand-to-metal ratio. Journal of Electroanalytical Chemistry, 2000, 484, 107-119.	3.8	16

#	Article	IF	Citations
19	Analytical Expressions for Feedback Currents at the Scanning Electrochemical Microscope. Journal of Physical Chemistry B, 2000, 104, 7993-8000.	2.6	23
20	Voltammetric currents for any ligand-to-metal concentration ratio in fully labile metal-macromolecular complexation. Easy computations, analytical properties of the currents and a graphical method to estimate the stability constant. Journal of Electroanalytical Chemistry, 1999, 472, 42-52.	3.8	13
21	Amalgamation effects in reverse pulse polarography at spherical electrodes. Influence on speciation measurements. Journal of Electroanalytical Chemistry, 1998, 442, 151-167.	3.8	17
22	Influence of the adsorption phenomena on the NPP and RPP limiting currents for labile metal-macromolecule systems. Journal of Electroanalytical Chemistry, 1998, 457, 229-246.	3.8	15
23	Use of activity coefficients for bound and free sites to describe metalâ€“macromolecule complexation. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 2783-2794.	1.7	24
24	Analytical solution for the steady-state diffusion towards an inlaid disc microelectrode in a multi-layered medium. Journal of Electroanalytical Chemistry, 1997, 440, 1-25.	3.8	14
25	Behaviour of the current in a membrane-covered disc microelectrode under steady-state conditions. Analyst, The, 1996, 121, 1863-1868.	3.5	4
26	Influence of adsorption on calibration curves in normal pulse polarography. Analytica Chimica Acta, 1995, 305, 273-284.	5.4	11
27	Basis of the voltammetric analysis of labile metalâ€”homofunctional macromolecule complexation. Journal of Electroanalytical Chemistry, 1995, 391, 29-40.	3.8	11
28	Numerical procedures in electrochemical simulation. International Journal of Quantum Chemistry, 1994, 51, 357-367.	2.0	9
29	Voltammetry of labile metal-macromolecular systems for any ligand-to-metal ratio, including adsorption phenomena. The role of the stability constant. Journal of Electroanalytical Chemistry, 1994, 374, 223-234.	3.8	24
30	Reverse pulse polarography of labile metal + macromolecule systems with induced reactant adsorption: theoretical analysis and determination of complexation and adsorption parameters. Journal of Electroanalytical Chemistry, 1994, 375, 307-318.	3.8	33
31	Voltammetry of labile metalâ€complex systems with induced reactant adsorption. Theoretical analysis for any ligand-to-metal ratio. Journal of Electroanalytical Chemistry, 1993, 360, 1-25.	3.8	17