

JosÃ© Salvador

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dissolution Kinetics and Solubility of ZnO Nanoparticles Followed by AGNES. <i>Journal of Physical Chemistry C</i> , 2012, 116, 11758-11767.	3.1	152
2	Voltammetric lability of metal complexes at spherical microelectrodes with various radii. <i>Journal of Electroanalytical Chemistry</i> , 2001, 505, 85-94.	3.8	106
3	Effective Affinity Distribution for the Binding of Metal Ions to a Generic Fulvic Acid in Natural Waters. <i>Environmental Science & Technology</i> , 2009, 43, 7184-7191.	10.0	50
4	Lability of complexes in steady-state finite planar diffusion. <i>Journal of Electroanalytical Chemistry</i> , 2006, 588, 303-313.	3.8	35
5	Reverse pulse polarography of labile metal + macromolecule systems with induced reactant adsorption: theoretical analysis and determination of complexation and adsorption parameters. <i>Journal of Electroanalytical Chemistry</i> , 1994, 375, 307-318.	3.8	33
6	Electrostatic and specific binding to macromolecular ligands. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 306, 2-13.	4.7	32
7	Ligand Mixture Effects in Metal Complex Lability. <i>Journal of Physical Chemistry A</i> , 2007, 111, 4304-4311.	2.5	28
8	Complexation isotherms in metal speciation studies at trace concentration levels. Voltammetric techniques in environmental samples. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 3764-3773.	2.8	27
9	Voltammetry of labile metal-macromolecular systems for any ligand-to-metal ratio, including adsorption phenomena. The role of the stability constant. <i>Journal of Electroanalytical Chemistry</i> , 1994, 374, 223-234.	3.8	24
10	Use of activity coefficients for bound and free sites to describe metal-macromolecule complexation. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 2783-2794.	1.7	24
11	Analytical Expressions for Feedback Currents at the Scanning Electrochemical Microscope. <i>Journal of Physical Chemistry B</i> , 2000, 104, 7993-8000.	2.6	23
12	Lability Criteria for Successive Metal Complexes in Steady-State Planar Diffusion. <i>Journal of Physical Chemistry B</i> , 2006, 110, 891-899.	2.6	22
13	Lability of a Mixture of Metal Complexes under Steady-State Planar Diffusion in a Finite Domain. <i>Journal of Physical Chemistry B</i> , 2006, 110, 13661-13669.	2.6	20
14	Voltammetry of labile metal-macromolecule complex systems with induced reactant adsorption. Theoretical analysis for any ligand-to-metal ratio. <i>Journal of Electroanalytical Chemistry</i> , 1993, 360, 1-25.	3.8	17
15	Amalgamation effects in reverse pulse polarography at spherical electrodes. Influence on speciation measurements. <i>Journal of Electroanalytical Chemistry</i> , 1998, 442, 151-167.	3.8	17
16	Voltammetry of heterogeneous labile metal-macromolecular systems for any ligand-to-metal ratio. <i>Journal of Electroanalytical Chemistry</i> , 2000, 484, 107-119.	3.8	16
17	Influence of the adsorption phenomena on the NPP and RPP limiting currents for labile metal-macromolecule systems. <i>Journal of Electroanalytical Chemistry</i> , 1998, 457, 229-246.	3.8	15
18	Ion binding to polyelectrolytes: Monte Carlo simulations versus classical mean field theories. <i>Theoretical Chemistry Accounts</i> , 2009, 123, 127-135.	1.4	15

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19	Analytical solution for the steady-state diffusion towards an inlaid disc microelectrode in a multi-layered medium. <i>Journal of Electroanalytical Chemistry</i> , 1997, 440, 1-25.	3.8	14
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. <i>Journal of Electroanalytical Chemistry</i> , 1999, 472, 42-52.	3.8	13
21	Competitive Ion Complexation to Polyelectrolytes: Determination of the Stepwise Stability Constants. The $\text{Ca}^{2+}/\text{H}^{+}/\text{Polyacrylate}$ System. <i>Journal of Physical Chemistry B</i> , 2007, 111, 10421-10430.	2.6	12
22	Competition effects in cation binding to humic acid: Conditional affinity spectra for fixed total metal concentration conditions. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 5216-5227.	3.9	12
23	Influence of adsorption on calibration curves in normal pulse polarography. <i>Analytica Chimica Acta</i> , 1995, 305, 273-284.	5.4	11
24	Basis of the voltammetric analysis of labile metal-homofunctional macromolecule complexation. <i>Journal of Electroanalytical Chemistry</i> , 1995, 391, 29-40.	3.8	11
25	Competitive $\text{Cd}^{2+}/\text{H}^{+}$ Complexation to Polyacrylic Acid Described by the Stepwise and Intrinsic Stability Constants. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10092-10100.	2.6	10
26	Numerical procedures in electrochemical simulation. <i>International Journal of Quantum Chemistry</i> , 1994, 51, 357-367.	2.0	9
27	Binding Curve from Normalized Limiting Currents of Labile Heterogeneous Metal-Macromolecular Systems. The Case of Cd/Humic Acid. <i>Electroanalysis</i> , 2003, 15, 452-459.	2.9	7
28	Voltammetry of heterogeneous labile metal-macromolecular systems for any ligand-to-metal ratio. <i>Journal of Electroanalytical Chemistry</i> , 2001, 514, 83-93.	3.8	5
29	Voltammetry of heterogeneous labile metal-macromolecular systems for any ligand-to-metal ratio.. <i>Journal of Electroanalytical Chemistry</i> , 2002, 530, 23-32.	3.8	5
30	Behaviour of the current in a membrane-covered disc microelectrode under steady-state conditions. <i>Analyst</i> , 1996, 121, 1863-1868.	3.5	4
31	Voltammetry of heterogeneous labile metal-macromolecular systems for any ligand to metal ratio: part IV. Binding curve from the polarographic waves. <i>Journal of Electroanalytical Chemistry</i> , 2005, 577, 311-321.	3.8	3