

# Angela Molina

## List of Publications by Citations

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219  
papers

2,935  
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g-index

224  
ext. papers

3,176  
ext. citations

4.7  
avg, IF

5.21  
L-index

#	Paper	IF	Citations
219	Recent Advances in Voltammetry. <i>ChemistryOpen</i> , <b>2015</b> , 4, 224-60	2.3	91
218	Conditions of applicability of the superposition principle in potential multipulse techniques: implications in the study of microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>1995</b> , 394, 1-6	4.1	60
217	Reproducible flaws unveil electrostatic aspects of semiconductor electrochemistry. <i>Nature Communications</i> , <b>2017</b> , 8, 2066	17.4	47
216	Recent advances on the theory of pulse techniques: A mini review. <i>Electrochemistry Communications</i> , <b>2014</b> , 43, 25-30	5.1	43
215	Chronoamperometric behaviour of a CE process with fast chemical reactions at spherical electrodes and microelectrodes. Comparison with a catalytic reaction. <i>Electrochemistry Communications</i> , <b>2006</b> , 8, 1062-1070	5.1	43
214	Voltammetry of Electrochemically Reversible Systems at Electrodes of Any Geometry: A General, Explicit Analytical Characterization. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 4054-4062	3.8	42
213	Theoretical and experimental study of Differential Pulse Voltammetry at spherical electrodes: Measuring diffusion coefficients and formal potentials. <i>Journal of Electroanalytical Chemistry</i> , <b>2009</b> , 634, 73-81	4.1	38
212	Studies of ion transfer across liquid membranes by electrochemical techniques. <i>Annual Reports on the Progress of Chemistry Section C</i> , <b>2012</b> , 108, 126		37
211	Pulse Voltammetry in Physical Electrochemistry and Electroanalysis. <i>Monographs in Electrochemistry</i> , <b>2016</b> ,	0.8	36
210	Comparison between double pulse and multipulse differential techniques. <i>Journal of Electroanalytical Chemistry</i> , <b>2011</b> , 659, 12-24	4.1	35
209	Analytical solution corresponding to the i/t response to a multipotential step for a catalytic mechanism. <i>Journal of Electroanalytical Chemistry</i> , <b>1998</b> , 443, 163-167	4.1	35
208	Giving physical insight into the Butler-Volmer model of electrode kinetics: Application of asymmetric Marcus-Hush theory to the study of the electroreductions of 2-methyl-2-nitropropane, cyclooctatetraene and europium(III) on mercury microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>2012</b> , 672, 45-52	4.1	34
207	Square wave voltammetry for a pseudo-first-order catalytic process at spherical electrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>2000</b> , 486, 9-15	4.1	34
206	Analytical theory of the catalytic mechanism in square wave voltammetry at disc electrodes. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 16748-55	3.6	33
205	Theoretical background for the behavior of molecules containing multiple interacting or noninteracting redox centers in any multipotential step technique and cyclic voltammetry. <i>Journal of Electroanalytical Chemistry</i> , <b>2005</b> , 576, 9-19	4.1	33
204	The use of differential pulse voltammetries to discriminate between the Butler-Volmer and the simple Marcus-Hush models for heterogeneous electron transfer: The electro-reduction of europium (III) in aqueous solution. <i>Journal of Electroanalytical Chemistry</i> , <b>2012</b> , 668, 7-12	4.1	32
203	Quantitative weaknesses of the Marcus-Hush theory of electrode kinetics revealed by Reverse Scan Square Wave Voltammetry: The reduction of 2-methyl-2-nitropropane at mercury microelectrodes. <i>Chemical Physics Letters</i> , <b>2011</b> , 512, 133-137	2.5	31

202	Analytical solution for the facilitated ion transfer at the interface between two immiscible electrolyte solutions via successive complexation reactions in any voltammetric technique: Application to square wave voltammetry and cyclic voltammetry. <i>Electrochimica Acta</i> , <b>2013</b> , 106, 244-257	6.7	29
201	General analytical solution for a catalytic mechanism in potential step techniques at hemispherical microelectrodes: Applications to chronoamperometry, cyclic staircase voltammetry and cyclic linear sweep voltammetry. <i>Journal of Electroanalytical Chemistry</i> , <b>1998</b> , 454, 15-31	4.1	29
200	Carglumic acid enhances rapid ammonia detoxification in classical organic acidurias with a favourable risk-benefit profile: a retrospective observational study. <i>Orphanet Journal of Rare Diseases</i> , <b>2016</b> , 11, 32	4.2	29
199	Ion transfer across a liquid membrane. General solution for the current-potential response of any voltammetric technique. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 1159-66	3.6	28
198	Study of Multicenter Redox Molecules with Square Wave Voltammetry. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 12446-12453	3.8	28
197	Geometrical Insights of Transient Diffusion Layers. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 4093-4099	3.8	27
196	Strong negative nanocatalysis: oxygen reduction and hydrogen evolution at very small (2 nm) gold nanoparticles. <i>Nanoscale</i> , <b>2014</b> , 6, 11024-30	7.7	26
195	Electrochemical digital simulations with an exponentially expanding grid: General expressions for higher order approximations to spatial derivatives. <i>Electrochimica Acta</i> , <b>2009</b> , 54, 1042-1055	6.7	26
194	Advances in the Study of Ion Transfer at Liquid Membranes with Two Polarized Interfaces by Square Wave Voltammetry. <i>Electroanalysis</i> , <b>2010</b> , 22, 1634-1642	3	25
193	Characterization of slow charge transfer processes in differential pulse voltammetry at spherical electrodes and microelectrodes. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 5163-5172	6.7	25
192	Single Fusion Events at Polarized Liquid-Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 782-785	16.4	24
191	A comparison of Marcus-Hush vs. Butler-Volmer electrode kinetics using potential pulse voltammetric techniques. <i>Journal of Electroanalytical Chemistry</i> , <b>2011</b> , 660, 169-177	4.1	24
190	Differential pulse voltammetry for ion transfer at liquid membranes with two polarized interfaces. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 4220-5	7.8	24
189	Differential pulse voltammetry and additive differential pulse voltammetry with solvent polymeric membrane ion sensors. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 8129-33	7.8	24
188	Further Applications of Cyclic Voltammetry with Spherical Electrodes. <i>Collection of Czechoslovak Chemical Communications</i> , <b>2005</b> , 70, 133-153		24
187	Derivative and Differential Voltammetry and Reciprocal Derivative Chronopotentiometry Identical Behavior Verification for Electrode Reversible Processes. <i>Journal of the Electrochemical Society</i> , <b>2000</b> , 147, 3429	3.9	24
186	D.c. polarography: Current-potential curves for electrode processes involving a preceding first-order chemical reaction. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1979</b> , 102, 277-288		24
185	Quantitative Analysis of Cyclic Voltammetry of Redox Monolayers Adsorbed on Semiconductors: Isolating Electrode Kinetics, Lateral Interactions, and Diode Currents. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 5929-5937	7.8	23

184	On the meaning of the diffusion layer thickness for slow electrode reactions. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 2381-8	3.6	23
183	Potentiostatic voltammetry at spherical electrodes and microelectrodes in the presence of product. <i>Journal of Electroanalytical Chemistry</i> , <b>2008</b> , 617, 14-26	4.1	23
182	Dc polarography: Current-potential curves with an ECE mechanism. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1980</b> , 110, 49-68		23
181	Advances in Copper Electrodeposition in Chloride Excess. A Theoretical and Experimental Approach. <i>Electrochimica Acta</i> , <b>2015</b> , 164, 187-195	6.7	22
180	Simple Analytical Equations for the Current-Potential Curves at Microelectrodes: A Universal Approach. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 346-356	3.8	22
179	Analytical expressions of the I <sub>lim</sub> curves of a CE process with a fast chemical reaction at spherical electrodes and microelectrodes. <i>Electrochemistry Communications</i> , <b>2006</b> , 8, 1453-1460	5.1	22
178	Cyclic Reciprocal Derivative Chronopotentiometry with Power Time Currents Applied to Electrodes Coated with Electroactive Molecular Films. Influence of the Reversibility. <i>Langmuir</i> , <b>2003</b> , 19, 406-415	4	22
177	General solutions for the I/t response for reversible processes in the presence of product in a multipotential step experiment at planar and spherical electrodes whose areas increase with any power of time. <i>Journal of Electroanalytical Chemistry</i> , <b>1999</b> , 466, 8-14	4.1	22
176	DC polarography: Effects of electrode sphericity on the current-potential curves with EC and CE mechanisms. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1980</b> , 107, 217-231		22
175	Analytical solutions for fast and straightforward study of the effect of the electrode geometry in transient and steady state voltammeteries: Single- and multi-electron transfers, coupled chemical reactions and electrode kinetics. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 756, 1-21	4.1	21
174	Analytical Solutions for the Study of Multielectron Transfer Processes by Staircase, Cyclic, and Differential Voltammeteries at Disc Microelectrodes. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 11470-11479	3.8	21
173	Theory for double potential step chronoamperometry for any potential values at spherical electrodes: Simultaneous determination of the diffusion coefficients of the electroactive species. <i>Electrochimica Acta</i> , <b>2009</b> , 54, 2320-2328	6.7	21
172	Square Wave Voltammetry and Voltcoulometry applied to electrocatalytic reactions. Oxidation of ferrocyanide at a ferrocene modified gold electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2009</b> , 634, 90-97	4.1	21
171	Square wave voltcoulometry: a tool for the study of strongly adsorbed redox molecules. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 7580-7	7.8	21
170	Singularities of the catalytic mechanism in its route to the steady state. <i>Journal of Electroanalytical Chemistry</i> , <b>2005</b> , 583, 193-202	4.1	21
169	Electrode modification using porous layers. Maximising the analytical response by choosing the most suitable voltammetry: Differential Pulse vs Square Wave vs Linear sweep voltammetry. <i>Electrochimica Acta</i> , <b>2012</b> , 73, 3-9	6.7	20
168	Analytical expressions for transient diffusion layer thicknesses at non uniformly accessible electrodes. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 4589-4594	6.7	20
167	Electrochemical digital simulation with highly expanding grid four point discretization: Can Crank-Nicolson uncouple diffusion and homogeneous chemical reactions?. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 5707-5716	6.7	20

166	Cyclic Reciprocal Derivative Chronopotentiometry with Exponential Time Currents in the Study of Slow Charge Transfer Processes between Electrodes and Redox Adsorbates. <i>Langmuir</i> , <b>2001</b> , 17, 5520-5526	4.4	20
165	Triple-pulse voltammetry and polarography. <i>Analytical Chemistry</i> , <b>1993</b> , 65, 215-222	7.8	20
164	Facilitated ion transfer of protonated primary organic amines studied by square wave voltammetry and chronoamperometry. <i>Analytica Chimica Acta</i> , <b>2014</b> , 826, 12-20	6.6	19
163	Reverse Pulse Voltammetry at spherical electrodes: Simultaneous determination of diffusion coefficients and formal potentials. Application to Room Temperature Ionic Liquids. <i>Journal of Electroanalytical Chemistry</i> , <b>2009</b> , 634, 1-10	4.1	19
162	Analytical solutions of the multipotential pulse quasi-reversible $Q_{\text{red}}$ and $I_{\text{red}}$ responses of strongly adsorbed redox molecules. <i>Journal of Electroanalytical Chemistry</i> , <b>2006</b> , 596, 74-86	4.1	19
161	Study of multistep electrode processes in double potential step techniques at spherical electrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>2003</b> , 546, 97-108	4.1	19
160	Additive differential pulse voltammetry, instead of double differential pulse voltammetry. <i>Electrochemistry Communications</i> , <b>2001</b> , 3, 324-329	5.1	19
159	Theory for cyclic reciprocal derivative chronopotentiometry with power and exponential programmed currents applied to electrodes coated with reversible electroactive molecular films. <i>Journal of Electroanalytical Chemistry</i> , <b>2000</b> , 493, 117-122	4.1	19
158	Application of cyclic reciprocal derivative chronopotentiometry with programmed currents to the study of the reversibility of electrode processes. <i>Electrochimica Acta</i> , <b>1999</b> , 45, 457-468	6.7	19
157	Square wave voltammetry at disc microelectrodes for characterization of two electron redox processes. <i>Physical Chemistry Chemical Physics</i> , <b>2012</b> , 14, 8319-27	3.6	18
156	Charge potential and capacitance potential curves corresponding to reversible redox monolayers. <i>Journal of Electroanalytical Chemistry</i> , <b>2003</b> , 557, 157-165	4.1	18
155	Voltammetry of some catamphiphilic drugs with solvent polymeric membrane ion sensors. <i>Journal of Electroanalytical Chemistry</i> , <b>2007</b> , 605, 157-161	4.1	17
154	Potential step chronoamperometry at hemispherical mercury electrodes: The formation of thallium amalgams and the measurement of the diffusion coefficient of thallium in mercury. <i>Journal of Electroanalytical Chemistry</i> , <b>2008</b> , 623, 165-169	4.1	17
153	Advantages of the application of programmed currents to microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>2004</b> , 569, 185-195	4.1	17
152	Mass transport at electrodes of arbitrary geometry. Reversible charge transfer reactions in square wave voltammetry. <i>Russian Journal of Electrochemistry</i> , <b>2012</b> , 48, 600-609	1.2	16
151	Catalytic mechanism in cyclic voltammetry at disc electrodes: an analytical solution. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 14694-704	3.6	16
150	Physical insights of salt transfer through solvent polymeric membranes by means of electrochemical methods. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 13296-303	3.6	15
149	The transient and stationary behaviour of first-order catalytic mechanisms at disc and hemisphere electrodes. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 7404-7410	6.7	15

148	Study of Electrochemical Processes with Coupled Homogeneous Chemical Reaction in Differential Pulse Voltammetry at Spherical Electrodes and Microhemispheres. <i>Electroanalysis</i> , <b>2010</b> , 22, 1857-1866	3	15
147	Application of the superposition principle to the study of CEC, CE, EC and catalytic mechanisms in cyclic chronopotentiometry. Part III. <i>Journal of Mathematical Chemistry</i> , <b>1998</b> , 23, 277-296	2.1	15
146	Cyclic reciprocal derivative chronopotentiometry. Applications to the detection and characterisation of adsorption processes. <i>Electrochimica Acta</i> , <b>1999</b> , 45, 761-773	6.7	15
145	General analytical solution for a reversible $i/t$ response to a double potential step at spherical electrodes in the absence/presence of amalgamation effects. <i>Canadian Journal of Chemistry</i> , <b>1994</b> , 72, 2378-2387	0.9	15
144	Current-potential curves with an EE mechanism. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1982</b> , 139, 15-36		15
143	Cyclic and Square-Wave Voltammetry at Diffusionally Asymmetric Microscopic and Nanoscopic Liquid-Liquid Interfaces: A Simple Theoretical Approach. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 18249-18256	3.8 <sup>14</sup>	14
142	Two-Electron Transfer Reactions in Electrochemistry for Solution-Soluble and Surface-Confined Molecules: A Common Approach. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 12312-12324	3.8	14
141	Lability of metal complexes at spherical sensors. Dynamic voltammetric measurements. <i>Physical Chemistry Chemical Physics</i> , <b>2010</b> , 12, 5396-404	3.6	14
140	Ion Transfer Square Wave Voltammetry of Ionic Liquid Cations with a Solvent Polymeric Membrane Ion Sensor. <i>Electroanalysis</i> , <b>2009</b> , 21, 2297-2302	3	14
139	Rigorous analytical solution for a preceding chemical reaction in Normal Pulse Voltammetry at spherical electrodes and microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , <b>2009</b> , 633, 7-14	4.1	14
138	Chronopotentiometry with programmed current at a dropping mercury electrode. <i>Analytical Chemistry</i> , <b>1984</b> , 56, 887-890	7.8	14
137	Single Fusion Events at Polarized Liquid-Liquid Interfaces. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 800-803	3.6	13
136	Application of voltammetric techniques at microelectrodes to the study of the chemical stability of highly reactive species. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 1676-84	7.8	13
135	Application of double pulse theory for hemispherical microelectrodes to the experimental study of slow charge transfer processes. <i>Electrochimica Acta</i> , <b>2010</b> , 55, 6577-6585	6.7	13
134	Theory of linear sweep/cyclic voltammetry for the electrochemical reaction mechanism involving a redox catalyst couple attached to a spherical electrode. <i>Electrochimica Acta</i> , <b>2010</b> , 56, 543-552	6.7	13
133	Study of an EE mechanism in additive differential pulse techniques. <i>Electrochemistry Communications</i> , <b>2002</b> , 4, 457-461	5.1	13
132	Reversible multistep electrode processes. Consideration of the bulk presence of intermediate species and of the values of the diffusion coefficients in voltammetry. <i>Electrochimica Acta</i> , <b>2001</b> , 46, 2699-2709	6.7	13
131	Chronopotentiometry with a potential-exponential current-time function at the DME with a preceding blank period. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1990</b> , 278, 35-51		13



130	Dc polarography: Current-potential curves with a parallel ECE mechanism. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1981</b> , 127, 17-35		13
129	The reaction layer at microdisks: A cornerstone for the analytical theoretical treatment of homogeneous chemical kinetics at non-uniformly accessible microelectrodes. <i>Electrochemistry Communications</i> , <b>2016</b> , 71, 18-22	5.1	12
128	Effects of convergent diffusion and charge transfer kinetics on the diffusion layer thickness of spherical micro- and nanoelectrodes. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 7106-13	3.6	12
127	Analytical IR response for several multistep potential techniques applied to an electrocatalytic process at mediator modified electrodes. <i>Electrochimica Acta</i> , <b>2009</b> , 54, 6154-6160	6.7	12
126	Analytical solution for Reverse Pulse Voltammetry at spherical electrodes: A remarkably sensitive method for the characterization of electrochemical reversibility and electrode kinetics. <i>Journal of Electroanalytical Chemistry</i> , <b>2010</b> , 648, 67-77	4.1	12
125	Study of an EE mechanism using double potential step techniques. <i>Journal of Electroanalytical Chemistry</i> , <b>2002</b> , 528, 159-169	4.1	12
124	Steady State Reciprocal Derivative Chronopotentiometry with Programmed Currents at Microelectrodes. <i>Electroanalysis</i> , <b>2005</b> , 17, 674-684	3	12
123	Chronopotentiometry with non-linear perturbation functions at the DME with a preceding blank period. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1987</b> , 227, 1-10		12
122	Pulse polarography. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1981</b> , 124, 201-211		12
121	A Comprehensive Voltammetric Characterisation of ECE Processes. <i>Electrochimica Acta</i> , <b>2016</b> , 195, 230-245	2.5	11
120	Detection of interaction between redox centers of surface confined molecules by means of Cyclic Voltammetry and Differential Staircase Voltcoulometry. <i>Journal of Electroanalytical Chemistry</i> , <b>2012</b> , 664, 53-62	4.1	11
119	Additive Differential Pulse Voltammetry for the Study of Slow Charge Transfer Processes at Spherical Electrodes. <i>Electroanalysis</i> , <b>2010</b> , 22, 2784-2793	3	11
118	Study of charge transfer processes in a surface confined redox system by means of differential staircase voltacoulometry. <i>Electrochimica Acta</i> , <b>2007</b> , 52, 4351-4362	6.7	11
117	Pulse polarography. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1980</b> , 115, 1-14		11
116	Theoretical analysis of current-potential curves for the CE and EC mechanisms with non-nernstian behaviour. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1983</b> , 147, 53-69		11
115	Sensing and characterization of neurotransmitter 2-phenylethylamine based on facilitated ion transfer at solvent polymeric membranes using different electrochemical techniques. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 222, 930-936	8.5	10
114	An approximate theoretical treatment of ion transfer processes at asymmetric microscopic and nanoscopic liquid-liquid interfaces: Single and double potential pulse techniques. <i>Chemical Physics Letters</i> , <b>2014</b> , 597, 126-133	2.5	10
113	Differential pulse techniques in weakly supported media: Changes in the kinetics and thermodynamics of electrode processes resulting from the supporting electrolyte concentration. <i>Journal of Electroanalytical Chemistry</i> , <b>2012</b> , 673, 13-23	4.1	10

112	Reversible surface two-electron transfer reactions in square wave voltammetry: application to the study of the reduction of polyoxometalate [PMo12O40]3- immobilized at a boron doped diamond electrode. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 8764-72	7.8	10
111	Characterization of the Electrocatalytic Response of Monolayer-Modified Electrodes with Square-Wave Voltammetry. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 11206-11215	3.8	10
110	Application of several multipotential step techniques to the study of multicenter molecules at spherical electrodes of any size. <i>Journal of Electroanalytical Chemistry</i> , <b>2007</b> , 603, 249-259	4.1	10
109	Double potential step chronoamperometry at spherical electrodes and microelectrodes. <i>Electrochemistry Communications</i> , <b>2008</b> , 10, 376-381	5.1	10
108	Study of the Behavior of an EC Mechanism Using Cyclic and Derivative Chronopotentiometric Techniques with Spherical Electrodes. <i>Electroanalysis</i> , <b>2004</b> , 16, 938-948	3	10
107	Reciprocal Derivative Chronopotentiometry with Programmed Current: Influence of the Reversibility. <i>Electroanalysis</i> , <b>2002</b> , 14, 281-291	3	10
106	Derivation of a general theory for reversible multistep electrode processes in voltammetry with constant potential at spherical electrodes. <i>Electrochemistry Communications</i> , <b>2000</b> , 2, 267-271	5.1	10
105	A unified treatment of reversible electrode processes in voltammetric techniques and chronopotentiometric techniques with programmed current. <i>Electrochemistry Communications</i> , <b>1999</b> , 1, 477-482	5.1	10
104	Reverse Differential Pulse Voltammetry and Polarography. <i>Analytical Chemistry</i> , <b>1995</b> , 67, 2619-2624	7.8	10
103	General analytical solution for a reversible i-t response to a triple potential step at an SMDE in the absence/presence of amalgamation. <i>Journal of Electroanalytical Chemistry</i> , <b>1996</b> , 408, 33-45	4.1	10
102	Application of the superposition principle to the study of a charge transfer reaction in cyclic chronopotentiometry. Part II. <i>Journal of Mathematical Chemistry</i> , <b>1996</b> , 20, 169-181	2.1	10
101	Pulse polarography. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1980</b> , 115, 15-29		10
100	Chronopotentiometry with programmed current at the dropping mercury electrode. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1983</b> , 146, 221-232		10
99	Electrocatalysis at Modified Microelectrodes: A Theoretical Approach to Cyclic Voltammetry. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 14542-14551	3.8	9
98	Electrocatalytic responses at mediator modified electrodes with several cyclic step and cyclic sweep potential techniques. Application to the oxidation of ascorbate at a ferrocene-monolayer modified gold electrode. <i>Analytical Chemistry</i> , <b>2009</b> , 81, 6830-6	7.8	9
97	Study of homogeneous chemical reactions at spherical electrodes and microelectrodes in Additive Differential Pulse Voltammetry. <i>Electrochimica Acta</i> , <b>2011</b> , 56, 5335-5342	6.7	9
96	General Behavior of the $iE$ and $iE'$ Curves Obtained when a Multistep Potential is Applied to an Electroactive Monolayer. <i>Electroanalysis</i> , <b>2007</b> , 19, 936-944	3	9
95	Chronopotentiometry with several types of programmed current at most usual electrodes: General study of systems with coupled first-order chemical reactions. <i>Journal of Electroanalytical Chemistry</i> , <b>1993</b> , 346, 53-71	4.1	9



94	Influence of a preceding chemical reaction on limiting currents in normal pulse polarography and in dc polarography. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1984</b> , 167, 15-42		9
93	Pulse polarography. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1981</b> , 121, 85-92		9
92	Effects of Unequal Diffusion Coefficients and Coupled Chemical Equilibria on Square Wave Voltammetry at Disc and Hemispherical Microelectrodes. <i>Electrochimica Acta</i> , <b>2015</b> , 176, 1044-1053	6.7	8
91	Characterization of follow-up chemical reactions by reverse pulse voltammetry. An analytical solution for spherical electrodes and microelectrodes. <i>Electrochimica Acta</i> , <b>2013</b> , 87, 416-424	6.7	8
90	Electrochemical and Computational Study of Ion Association in the Electroreduction of PW12O403. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 26751-26763	3.8	8
89	Voltammetric speciation studies of systems where the species diffusivities differ significantly. <i>Journal of Solid State Electrochemistry</i> , <b>2015</b> , 19, 549-561	2.6	8
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