

Eduardo Laborda

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118
papers

2,122
citations

25
h-index

38
g-index

121
ext. papers

2,360
ext. citations

5.6
avg, IF

5.09
L-index

#	Paper	IF	Citations
118	Marcus-Hush-Chidsey theory of electron transfer applied to voltammetry: A review. <i>Electrochimica Acta</i> , 2012 , 84, 12-20	6.7	117
117	Recent Advances in Voltammetry. <i>ChemistryOpen</i> , 2015 , 4, 224-60	2.3	91
116	Electrochemical and Electrostatic Cleavage of Alkoxyamines. <i>Journal of the American Chemical Society</i> , 2018 , 140, 766-774	16.4	88
115	Asymmetric Marcus-Hush theory for voltammetry. <i>Chemical Society Reviews</i> , 2013 , 42, 4894-905	58.5	88
114	New approach to electrode kinetic measurements in square-wave voltammetry: amplitude-based quasireversible maximum. <i>Analytical Chemistry</i> , 2013 , 85, 5586-94	7.8	62
113	Performance of silver nanoparticles in the catalysis of the oxygen reduction reaction in neutral media: Efficiency limitation due to hydrogen peroxide escape. <i>Nano Research</i> , 2013 , 6, 511-524	10	62
112	Electrochemical oxidation of nitrite: Kinetic, mechanistic and analytical study by square wave voltammetry. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 670, 56-61	4.1	50
111	Understanding Voltammetry 2014 ,		50
110	Recent advances on the theory of pulse techniques: A mini review. <i>Electrochemistry Communications</i> , 2014 , 43, 25-30	5.1	43
109	Asymmetric Marcus theory: Application to electrode kinetics. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 667, 48-53	4.1	38
108	Theoretical and experimental study of Differential Pulse Voltammetry at spherical electrodes: Measuring diffusion coefficients and formal potentials. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 634, 73-81	4.1	38
107	Redox systems obeying Marcus-Hush-Chidsey electrode kinetics do not obey the Randles-Sevcik equation for linear sweep voltammetry. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 664, 73-79	4.1	35
106	Surface oxidation of gold nanoparticles supported on a glassy carbon electrode in sulphuric acid medium: contrasts with the behaviour of 'macro' gold. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 3133-6	3.6	35
105	An experimental comparison of the Marcus-Hush and Butler-Volmer descriptions of electrode kinetics applied to cyclic voltammetry. The one electron reductions of europium (III) and 2-methyl-2-nitropropane studied at a mercury microhemisphere electrode. <i>Chemical Physics Letters</i> , 2011 , 517, 29-35	2.5	35
104	Comparison between double pulse and multipulse differential techniques. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 659, 12-24	4.1	35
103	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> , 2012 , 672, 45-52	4.1	34
102	A joint experimental and computational search for authentic nano-electrocatalytic effects: electrooxidation of nitrite and L-ascorbate on gold nanoparticle-modified glassy carbon electrodes. <i>Small</i> , 2013 , 9, 478-86	11	33

101	Analytical theory of the catalytic mechanism in square wave voltammetry at disc electrodes. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 16748-55	3.6	33
100	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> , 2012 , 668, 7-12	4.1	32
99	Electrochemistry of single droplets of inverse (water-in-oil) emulsions. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 15662-15666	3.6	31
98	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> , 2011 , 512, 133-137	2.5	31
97	Strong negative nanocatalysis: oxygen reduction and hydrogen evolution at very small (2 nm) gold nanoparticles. <i>Nanoscale</i> , 2014 , 6, 11024-30	7.7	26
96	A kinetic study of oxygen reduction reaction and characterization on electrodeposited gold nanoparticles of diameter between 17 nm and 40 nm in 0.5 M sulfuric acid. <i>Nanoscale</i> , 2013 , 5, 9699-7087	7.7	26
95	Electrochemical digital simulations with an exponentially expanding grid: General expressions for higher order approximations to spatial derivatives. <i>Electrochimica Acta</i> , 2009 , 54, 1042-1055	6.7	26
94	Experimental comparison of the Butler-Volmer and Marcus-Hush-Chidsey formalisms of electrode kinetics: The reduction of cyclooctatetraene at mercury hemispherical electrodes via cyclic and square wave voltammetries. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 665, 38-44	4.1	25
93	Characterization of slow charge transfer processes in differential pulse voltammetry at spherical electrodes and microelectrodes. <i>Electrochimica Acta</i> , 2010 , 55, 5163-5172	6.7	25
92	Single Fusion Events at Polarized Liquid-Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 782-785	16.4	24
91	A comparison of Marcus-Hush vs. Butler-Volmer electrode kinetics using potential pulse voltammetric techniques. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 660, 169-177	4.1	24
90	On the meaning of the diffusion layer thickness for slow electrode reactions. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 2381-8	3.6	23
89	Potentiostatic voltammetry at spherical electrodes and microelectrodes in the presence of product. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 617, 14-26	4.1	23
88	Asymmetric Marcus-Hush model of electron transfer kinetics: Application to the voltammetry of surface-bound redox systems. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 674, 90-96	4.1	22
87	Oxygen reduction at sparse arrays of platinum nanoparticles in aqueous acid: hydrogen peroxide as a liberated two electron intermediate. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 19487-95	3.6	22
86	Analytical solutions for fast and straightforward study of the effect of the electrode geometry in transient and steady state voltammetries: Single- and multi-electron transfers, coupled chemical reactions and electrode kinetics. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 756, 1-21	4.1	21
85	Reply to comments contained in 'Are the reactions of quinones on graphite adiabatic?' by N.B. Luque, W. Schmickler [Electrochim. Acta xx (2012) yyy]. <i>Electrochimica Acta</i> , 2013 , 88, 895-898	6.7	21
84	Analytical Solutions for the Study of Multielectron Transfer Processes by Staircase, Cyclic, and Differential Voltammetries at Disc Microelectrodes. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 11470-11479	3.8	21

83	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> , 2009 , 54, 2320-2328	6.7	21
82	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> , 2012 , 73, 3-9	6.7	20
81	Electrochemical digital simulation with highly expanding grid four point discretization: Can Crank-Nicolson uncouple diffusion and homogeneous chemical reactions?. <i>Electrochimica Acta</i> , 2011 , 56, 5707-5716	6.7	20
80	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> , 2009 , 634, 1-10	4.1	19
79	Electrical double layer effects on ion transfer reactions. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 9829-37	3.6	19
78	Square wave voltammetry at disc microelectrodes for characterization of two electron redox processes. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 8319-27	3.6	18
77	Mathematical modeling of nonlinear reaction-diffusion processes in enzymatic biofuel cells. <i>Current Opinion in Electrochemistry</i> , 2017 , 1, 121-132	7.2	17
76	The strong catalytic effect of Pb(II) on the oxygen reduction reaction on 5 nm gold nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 3200-8	3.6	17
75	Mass transport at electrodes of arbitrary geometry. Reversible charge transfer reactions in square wave voltammetry. <i>Russian Journal of Electrochemistry</i> , 2012 , 48, 600-609	1.2	16
74	Molecular insights into electron transfer processes via variable temperature cyclic voltammetry. Application of the asymmetric Marcus-Hush model. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 685, 53-62	4.1	16
73	Facile in situ characterization of gold nanoparticles on electrode surfaces by electrochemical techniques: average size, number density and morphology determination. <i>Analyst, The</i> , 2012 , 137, 4693-7	3.8	16
72	Catalytic mechanism in cyclic voltammetry at disc electrodes: an analytical solution. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 14694-704	3.6	16
71	The transient and stationary behaviour of first-order catalytic mechanisms at disc and hemisphere electrodes. <i>Electrochimica Acta</i> , 2011 , 56, 7404-7410	6.7	15
70	Study of Electrochemical Processes with Coupled Homogeneous Chemical Reaction in Differential Pulse Voltammetry at Spherical Electrodes and Microhemispheres. <i>Electroanalysis</i> , 2010 , 22, 1857-1866	3	15
69	Individual Detection and Characterization of Non-Electrocatalytic, Redox-Inactive Particles in Solution by using Electrochemistry. <i>ChemElectroChem</i> , 2018 , 5, 410-417	4.3	14
68	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> , 2014 , 118, 18249-18256	3.8	14
67	Lability of metal complexes at spherical sensors. Dynamic voltammetric measurements. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 5396-404	3.6	14
66	Rigorous analytical solution for a preceding chemical reaction in Normal Pulse Voltammetry at spherical electrodes and microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 633, 7-14	4.1	14

65	Single Fusion Events at Polarized Liquid-Liquid Interfaces. <i>Angewandte Chemie</i> , 2017 , 129, 800-803	3.6	13
64	Application of voltammetric techniques at microelectrodes to the study of the chemical stability of highly reactive species. <i>Analytical Chemistry</i> , 2015 , 87, 1676-84	7.8	13
63	Comparative evaluation of the symmetric and asymmetric Marcus-Hush formalisms of electrode kinetics The one-electron oxidation of tetraphenylethylene in dichloromethane on platinum microdisk electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 677-680, 120-126	4.1	13
62	Application of double pulse theory for hemispherical microelectrodes to the experimental study of slow charge transfer processes. <i>Electrochimica Acta</i> , 2010 , 55, 6577-6585	6.7	13
61	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> , 2010 , 56, 543-552	6.7	13
60	The reaction layer at microdiscs: A cornerstone for the analytical theoretical treatment of homogeneous chemical kinetics at non-uniformly accessible microelectrodes. <i>Electrochemistry Communications</i> , 2016 , 71, 18-22	5.1	12
59	Effects of convergent diffusion and charge transfer kinetics on the diffusion layer thickness of spherical micro- and nanoelectrodes. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 7106-13	3.6	12
58	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> , 2010 , 648, 67-77	4.1	12
57	New Insights into Fundamental Electron Transfer from Single Nanoparticle Voltammetry. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 1554-8	6.4	12
56	Tafel-Volmer Electrode Reactions: The Influence of Electron-Transfer Kinetics. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 22415-22424	3.8	11
55	A Comprehensive Voltammetric Characterisation of ECE Processes. <i>Electrochimica Acta</i> , 2016 , 195, 230-245	4.5	11
54	Additive Differential Pulse Voltammetry for the Study of Slow Charge Transfer Processes at Spherical Electrodes. <i>Electroanalysis</i> , 2010 , 22, 2784-2793	3	11
53	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> , 2014 , 597, 126-133	2.5	10
52	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> , 2012 , 673, 13-23	4.1	10
51	Aqueous Voltammetry in the Near Absence of Electrolyte. <i>Chemistry - A European Journal</i> , 2017 , 23, 15222-15226	4.8	10
50	Characterization of the Electrocatalytic Response of Monolayer-Modified Electrodes with Square-Wave Voltammetry. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 11206-11215	3.8	10
49	Giving physical insight into the Butler-Volmer model of electrode kinetics: Part 2 Nonlinear solvation effects on the voltammetry of heterogeneous electron transfer processes. <i>Journal of Electroanalytical Chemistry</i> , 2012 , 681, 96-102	4.1	10
48	Double potential step chronoamperometry at spherical electrodes and microelectrodes. <i>Electrochemistry Communications</i> , 2008 , 10, 376-381	5.1	10

47	Electrocatalysis at Modified Microelectrodes: A Theoretical Approach to Cyclic Voltammetry. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 14542-14551	3.8	9
46	Study of homogeneous chemical reactions at spherical electrodes and microelectrodes in Additive Differential Pulse Voltammetry. <i>Electrochimica Acta</i> , 2011 , 56, 5335-5342	6.7	9
45	Effects of Unequal Diffusion Coefficients and Coupled Chemical Equilibria on Square Wave Voltammetry at Disc and Hemispherical Microelectrodes. <i>Electrochimica Acta</i> , 2015 , 176, 1044-1053	6.7	8
44	Characterization of follow-up chemical reactions by reverse pulse voltammetry. An analytical solution for spherical electrodes and microelectrodes. <i>Electrochimica Acta</i> , 2013 , 87, 416-424	6.7	8
43	Electrochemical and Computational Study of Ion Association in the Electroreduction of PW12O403. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 26751-26763	3.8	8
42	Voltammetric speciation studies of systems where the species diffusivities differ significantly. <i>Journal of Solid State Electrochemistry</i> , 2015 , 19, 549-561	2.6	8
41	A simple transient approach to dynamic metal speciation: Can independent of time complex voltammetric lability criteria be used?. <i>Electrochemistry Communications</i> , 2009 , 11, 562-567	5.1	8
40	Uptake of Molecular Species by Spherical Droplets and Particles Monitored Voltammetrically. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 17215-17222	3.8	8
39	General Explicit Mathematical Solution for the Voltammetry of Nonunity Stoichiometry Electrode Reactions: Diagnosis Criteria in Cyclic Voltammetry. <i>Analytical Chemistry</i> , 2020 , 92, 3728-3734	7.8	8
38	Analytical theory for ion transfer-electron transfer coupled reactions at redox layer-modified/thick film-modified electrodes. <i>Current Opinion in Electrochemistry</i> , 2020 , 19, 78-87	7.2	8
37	Carbon Support Effects and Mechanistic Details of the Electrocatalytic Activity of Polyoxometalates Investigated via Square Wave Voltacoulometry. <i>ACS Catalysis</i> , 2017 , 7, 1501-1511	13.1	7
36	On the adiabaticity of electrode processes: Effect of the supporting electrolyte cation on the kinetics of electroreduction of 3-nitrophenolate. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 694, 30-36 ^{4.1}		7
35	Variable temperature study of electro-reduction of 3-nitrophenolate via cyclic and square wave voltammetry: Molecular insights into electron transfer processes based on the asymmetric Marcus-Hush model. <i>Electrochimica Acta</i> , 2013 , 110, 772-779	6.7	7
34	Electrochemical Behavior of Two-Electron Redox Processes by Differential Pulse Techniques at Microelectrodes. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 1070-1079	3.8	7
33	Catalase-Modified Carbon Electrodes: Persuading Oxygen To Accept Four Electrons Rather Than Two. <i>Chemistry - A European Journal</i> , 2016 , 22, 5904-8	4.8	7
32	Linear Sweep and Cyclic Voltammeteries of Reversible Ion Transfer Processes at Macro- and Microcapillaries under Transient Regime. <i>Electroanalysis</i> , 2015 , 27, 93-100	3	6
31	Reverse Pulse Voltammetry at Spherical and Disc Microelectrodes: Characterization of Homogeneous Chemical Equilibria and Their Impact on the Species Diffusivities. <i>Electrochimica Acta</i> , 2015 , 169, 300-309	6.7	6
30	Brute force (or not so brute) digital simulation in electrochemistry revisited. <i>Chemical Physics Letters</i> , 2016 , 643, 71-76	2.5	6

29	Characterization of inclusion complexes of organic ions with hydrophilic hosts by ion transfer voltammetry with solvent polymeric membranes. <i>Talanta</i> , 2017 , 164, 636-644	6.2	6
28	Transfer of complexed and dissociated ionic species at soft interfaces: a voltammetric study of chemical kinetic and diffusional effects. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 10158-72	3.6	6
27	Unified theoretical treatment of the Eirrev, CE, EC and CEC mechanisms under voltammetric conditions. <i>Electrochemistry Communications</i> , 2018 , 92, 48-55	5.1	5
26	Theoretical Treatment of Ion Transfers in Two Polarizable Interface Systems When the Analyte Has Access to Both Interfaces. <i>Analytical Chemistry</i> , 2018 , 90, 2088-2094	7.8	5
25	Staircase, cyclic and differential voltammetries of the nine-member square scheme at microelectrodes of any geometry with arbitrary chemical stabilization of the three redox states. <i>Journal of Solid State Electrochemistry</i> , 2016 , 20, 3239-3253	2.6	5
24	Voltammetry of the aqueous complexation-dissociation coupled to transfer (ACDT) mechanism with charged ligands. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 17091-104	3.6	5
23	Some insights into the facilitated ion transfer voltammetric responses at ITIES exhibiting interfacial and bulk membrane kinetic effects. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 15340-54	3.6	5
22	Steady-state voltammetry at a microdisc electrode in the absence of excess supporting electrolyte for reversible, quasi-reversible and irreversible electrode kinetics. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 14635-49	3.6	5
21	Microelectrode voltammetry of multi-electron transfers complicated by coupled chemical equilibria: a general theory for the extended square scheme. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 16464-16476	3.6	4
20	Spectroscopy takes electrochemistry beyond the interface: A compact analytical solution for the reversible first-order catalytic mechanism. <i>Electrochimica Acta</i> , 2018 , 284, 721-732	6.7	4
19	Detailed theoretical treatment of homogeneous chemical reactions coupled to interfacial charge transfers. <i>Electrochimica Acta</i> , 2018 , 286, 374-396	6.7	4
18	Normal Pulse Voltammetry and Steady State Voltammetry of the Square Mechanism at Spherical Microelectrodes. <i>Electroanalysis</i> , 2015 , 27, 970-979	3	4
17	Analytical theoretical approach to the transient and steady state voltammetric response of reaction mechanisms. Linear diffusion and reaction layers at micro- and submicroelectrodes of arbitrary geometry. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 782, 59-66	4.1	4
16	General theoretical treatment of simple and facilitated ion transfer processes at the most common liquid/liquid microinterfaces. <i>Sensors and Actuators B: Chemical</i> , 2017 , 253, 326-334	8.5	3
15	Guidelines for the Voltammetric Study of Electrode Reactions with Coupled Chemical Kinetics at an Arbitrary Electrode Geometry. <i>Analytical Chemistry</i> , 2019 , 91, 6072-6079	7.8	3
14	Heterogeneous Catalysis of Multiple-Electron-Transfer Reactions at Nanoparticle-Modified Electrodes. <i>ChemElectroChem</i> , 2014 , 1, 909-916	4.3	3
13	A theoretical and experimental approach to the adiabaticity of diffusional electron transfer processes. Electroreduction of 2-nitropropane on mercury microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 704, 102-110	4.1	3
12	Differential double pulse voltammetry at spherical microelectrodes for the characterization of the square mechanism. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 741, 140-148	4.1	3

11	Spectroelectrochemistry for the study of reversible electrode reactions with complex stoichiometries. <i>Electrochemistry Communications</i> , 2021 , 123, 106915	5.1	3
10	Cyclic square wave voltammetry of electrode reactions with nonunity stoichiometry. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 873, 114421	4.1	2
9	Voltammetry at microelectrodes of reversible electrode reactions with complex stoichiometry: A general analytical theoretical framework. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 872, 113932	4.1	2
8	Double Transfer Voltammetry in Two-Polarizable Interface Systems: Effects of the Lipophilicity and Charge of the Target and Compensating Ions. <i>Analytical Chemistry</i> , 2018 , 90, 3402-3408	7.8	2
7	Double pulse voltammetric study of the IT-CeqC mechanism underlying the oxygen reduction and hydrogen evolution reactions at liquid/liquid interfaces. <i>Electrochimica Acta</i> , 2018 , 265, 638-650	6.7	1
6	Differential double pulse voltammetry (DDPV) and additive differential pulse voltammetry (ADPV) applied to the study of the ACDT mechanism. <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 2819-2831	7.6	1
5	Impact experiments at the Interface between Two Immiscible Electrolyte Solutions (ITIES). <i>Current Opinion in Electrochemistry</i> , 2021 , 26, 100664	7.2	1
4	Theoretical-experimental synergy towards better understanding of interfacial electron transfer kinetics. <i>Current Opinion in Electrochemistry</i> , 2022 , 101028	7.2	1
3	Reprint of Analytical theoretical approach to the transient and steady state voltammetric response of reaction mechanisms. Linear diffusion and reaction layers at micro- and submicroelectrodes of arbitrary geometry. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 793, 104-112	4.1	0
2	Insights into the Voltammetry of Cavity Microelectrodes Filled with Metal Powders: The Value of Square Wave Voltammetry. <i>ChemElectroChem</i> , 2021 , 8, 735-744	4.3	
1	Analytical Modelling of Electron-coupled Ion Transfers with Immobilized vs Soluble Redox Transducer at Thick Film-modified Electrodes. <i>Electroanalysis</i> , 2021 , 33, 2267	3	