Å ebojka Komorsky-LovriÄ

List of Publications by Year
in descending order

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85 papers	2,553 citations	182225 30 h-index	232693 48 g-index
85 all docs	85 docs citations	85 times ranked	1830 citing authors

#	Article	IF	Citations
1	Electrochemistry as a screening method in determination of carotenoids in crustacean samples used in everyday diet. Food Chemistry, 2020, 309, 125706.	4.2	9
2	Three-phase electrodes: simple and efficient tool for analysis of ion transfer processes across liquid-liquid interfaceâ€"twenty years on. Journal of Solid State Electrochemistry, 2020, 24, 2575-2583.	1.2	8
3	Staircase cyclic voltammetry of electrocatalytic reaction inhibited by the product. Journal of Solid State Electrochemistry, 2020, 24, 2717-2721.	1.2	1
4	Is astaxanthin similar to ubiquinone?. Journal of Solid State Electrochemistry, 2020, 24, 2099-2099.	1.2	0
5	MODELLING REVERSIBLE INHIBITION OF IRREVERSIBLE ELECTRO-OXIDATION. Journal of the Chilean Chemical Society, 2020, 65, 4661-4663.	0.5	1
6	Study of Electrochemical Behaviour of Carotenoids in Aqueous Media. Electroanalysis, 2019, 31, 83-90.	1.5	9
7	Voltammetric Characterisation of Anticancer Drug Irinotecan. Electroanalysis, 2018, 30, 336-344.	1.5	7
8	Manifestation of reactivation of the electrode surface in staircase cyclic voltammetry. Electrochemistry Communications, 2018, 86, 48-52.	2.3	3
9	Inhibition of mediated electron transfer. Journal of Electroanalytical Chemistry, 2018, 826, 170-173.	1.9	1
10	Electrochemistry-based determination of pungency level of hot peppers using the voltammetry of microparticles. Electrochimica Acta, 2016, 208, 273-281.	2.6	15
11	Comparison of Cyclic and Square Wave Voltammetry of Irreversible EC Mechanisms. ChemElectroChem, 2015, 2, 2027-2031.	1.7	9
12	Influence of product adsorption on catalytic reaction determined by Michaelisâ€"Menten kinetics. Journal of Electroanalytical Chemistry, 2015, 748, 47-51.	1.9	3
13	Efficacy of an antioxidant under equilibrium conditions. Journal of Electroanalytical Chemistry, 2015, 748, 58-60.	1.9	2
14	Theory of Anodic Stripping Square Wave Voltammetry on Spherical Mercury Electrodes. Croatica Chemica Acta, 2014, 87, 287-290.	0.1	3
15	Theory of Kinetically Controlled Electrode Reaction Coupled to Ion Transfer across the Liquid/Liquid Interface. ChemElectroChem, 2014, 1, 436-440.	1.7	6
16	Theory of square wave voltammetry of three step electrode reaction. Journal of Electroanalytical Chemistry, 2014, 735, 90-94.	1.9	4
17	Theory of square wave voltammetry of amalgam forming ions at spherical electrodes. Electrochimica Acta, 2014, 130, 286-289.	2.6	10
18	Theory of square-wave voltammetry of electrode reaction followed by the dimerization of product. Electrochimica Acta, 2013, 90, 226-231.	2.6	21

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19	Abrasive stripping voltammetry of myricetin and dihydromyricetin. Electrochimica Acta, 2013, 98, 153-156.	2.6	33
20	Voltammetry of Immobilized Particles of Cannabinoids. Electroanalysis, 2013, 25, 2631-2636.	1.5	20
21	Theory of Square-wave Voltammetry of Kinetically Controlled Two-step Electrode Reactions. Croatica Chemica Acta, 2012, 85, 569-575.	0.1	9
22	Theory of Square-Wave Voltammetry of Two-Electron Reduction with the Adsorption of Intermediate. International Journal of Electrochemistry, 2012, 2012, 1-7.	2.4	10
23	Squareâ€Wave Voltammetry of Sodium Copper Chlorophyllin on Glassyâ€Carbon and Paraffinâ€Impregnated Graphite Electrode. Electroanalysis, 2012, 24, 1957-1965.	1.5	4
24	Theory of square-wave voltammetry of two electron reduction with the intermediate that is stabilized by complexation. Electrochimica Acta, 2012, 69, 60-64.	2.6	14
25	Abrasive Stripping Squareâ€Wave Voltammetry of Blackberry, Raspberry, Strawberry, Pomegranate, and Sweet and Blue Potatoes. Journal of Food Science, 2011, 76, C916-20.	1.5	45
26	Simulation of square-wave voltammograms of three-electron redox reaction. Electrochimica Acta, 2011, 56, 7189-7193.	2.6	10
27	Theory of square-wave voltammetry of two-step electrode reaction with kinetically stabilized intermediate. Journal of Electroanalytical Chemistry, 2011, 660, 22-25.	1.9	15
28	Theory of Square-Wave Voltammetry of Two-Step Electrode Reaction Using an Inverse Scan Direction. International Journal of Electrochemistry, 2011, 2011, 1-6.	2.4	6
29	Square-wave voltammetry of dissolved redox couple. Russian Journal of Electrochemistry, 2010, 46, 1373-1377.	0.3	5
30	Measurement of Stevioside by Squareâ€Wave Polarography. Electroanalysis, 2010, 22, 2211-2215.	1.5	6
31	Characterisation of catechins in green and black teas using square-wave voltammetry and RP-HPLC-ECD. Food Chemistry, 2010, 122, 1283-1289.	4.2	68
32	Working Electrodes. , 2010, , 273-290.		2
33	Electrochemical Characterization of Epigallocatechin Gallate Using Squareâ€Wave Voltammetry. Electroanalysis, 2009, 21, 1019-1025.	1.5	81
34	Square-wave and cyclic voltammetry of epicatechin gallate on glassy carbon electrode. Journal of Electroanalytical Chemistry, 2009, 631, 71-75.	1.9	53
35	Estimation of antioxidative properties of tea leaves by abrasive stripping electrochemistry using paraffin-impregnated graphite electrode. Collection of Czechoslovak Chemical Communications, 2009, 74, 1467-1475.	1.0	34
36	A potential high-throughput method for the determination of lipase activity by potentiometric flow injection titrations. Analytica Chimica Acta, 2008, 610, 44-49.	2.6	10

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37	Square-Wave Voltammetry. Monographs in Electrochemistry, 2007, , .	0.2	198
38	Studying ion transfers across a room temperature ionic liquidâˆ£aqueous electrolyte interface driven by redox reactions of lutetium bis(tetra-tert-butylphthalocyaninato). Journal of Electroanalytical Chemistry, 2007, 611, 192-200.	1.9	23
39	Redox kinetics of adriamycin adsorbed on the surface of graphite and mercury electrodes. Bioelectrochemistry, 2006, 69, 82-87.	2.4	46
40	Electrochemical characterization of simvastatin by abrasive stripping and square-wave voltammetry. Journal of Electroanalytical Chemistry, 2006, 593, 125-130.	1.9	22
41	On-site monitoring of trace levels of free manganese in sea water via sonoelectroanalysis using a boron-doped diamond electrode. Analytica Chimica Acta, 2005, 533, 141-145.	2.6	26
42	Kinetics of electrode reaction coupled to ion transfer across the liquid/liquid interface. Open Chemistry, 2005, 3, 216-229.	1.0	6
43	Electroanalytical Studies of Biologically Active Azosalicylic Acid at a Hanging Mercury Drop Electrode. Electroanalysis, 2005, 17, 839-845.	1.5	13
44	Manganese detection in marine sediments: anodic vs. cathodic stripping voltammetry. Talanta, 2005, 65, 423-429.	2.9	67
45	Working Electrodes. , 2005, , 245-260.		0
46	Identification of 5-aminosalicylic acid, ciprofloxacin and azithromycin by abrasive stripping voltammetry. Journal of Pharmaceutical and Biomedical Analysis, 2004, 36, 81-89.	1.4	55
47	An in situ microscopic spectroelectrochemical study of a three-phase electrode where an ion transfer at the water|nitrobenzene interface is coupled to an electron transfer at the interface ITO|nitrobenzene. Journal of Electroanalytical Chemistry, 2004, 566, 371-377.	1.9	35
48	Studying electrode mechanism and analytical determination of cocaine and its metabolites at the mercury electrode using square-wave voltammetry. Analytica Chimica Acta, 2004, 512, 49-56.	2.6	31
49	Voltammetric Determination of Microparticles of Some Local Anesthetics and Antithusics Immobilized on the Graphite Electrode. Electroanalysis, 2003, 15, 544-547.	1.5	40
50	Distribution of three ions in the thin film experiment. Electrochemistry Communications, 2003, 5, 637-643.	2.3	9
51	Square-Wave Voltammetry of a Second Order Cathodic Stripping Process Coupled by Adsorption of the Reacting Ligand. Electroanalysis, 2002, 14, 345-355.	1.5	9
52	Square-Wave Voltammetry of Decamethylferrocene at the Three-Phase Junction Organic Liquid/Aqueous Solution/Graphite. Collection of Czechoslovak Chemical Communications, 2001, 66, 434-444.	1.0	36
53	Cyclic voltammetry of decamethylferrocene at the organic liquidâˆ£aqueous solutionâˆ£graphite three-phase junction. Journal of Electroanalytical Chemistry, 2001, 508, 129-137.	1.9	82
54	Adsorption and Reduction of Berberine at a Mercury Electrode. Electroanalysis, 2000, 12, 599-604.	1.5	16

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55	Square-wave voltammetry of an aqueous solution of indigo. Journal of Electroanalytical Chemistry, 2000, 482, 222-225.	1.9	30
56	Square-wave voltammetry of 5-fluorouracil. Journal of Electroanalytical Chemistry, 2000, 490, 37-47.	1.9	48
57	Voltammetric determination of benzoylecgonine. Analytica Chimica Acta, 1999, 389, 219-223.	2.6	48
58	Voltammetry of Organic Microparticles. Mikrochimica Acta, 1999, 132, 67-77.	2.5	57
59	Voltammetric Determination of Cocaine Microparticles. Electroanalysis, 1999, 11, 120-123.	1.5	39
60	Voltammetry of azobenzene microcrystals. Journal of Solid State Electrochemistry, 1997, 1, 94-99.	1.2	36
61	Sulfide ion electrooxidation catalysed by cobalt phthalocyanine microcrystals. Mikrochimica Acta, 1997, 127, 95-99.	2.5	16
62	A peak current - scan rate relationship in staircase voltammetry of a surface redox reaction. Electroanalysis, 1996, 8, 959-962.	1.5	20
63	Kinetic measurements of a surface confined redox reaction. Analytica Chimica Acta, 1995, 305, 248-255.	2.6	96
64	Measurements of redox kinetics of adsorbed azobenzene by â€œa quasireversible maximumâ€•in square-wave voltammetry. Electrochimica Acta, 1995, 40, 1781-1784.	2.6	48
65	Detection of surface activity by voltammetric measurements. Electroanalysis, 1995, 7, 652-655.	1.5	9
66	A solid composite pH sensor based on quinhydrone. Electroanalysis, 1995, 7, 889-894.	1.5	38
67	Square-wave voltammetry of quasi-reversible surface redox reactions. Journal of Electroanalytical Chemistry, 1995, 384, 115-122.	1.9	108
68	Voltammetry of microcrystals of cobalt and manganese phthalocyanines. Journal of Electroanalytical Chemistry, 1995, 397, 211-215.	1.9	43
69	Adsorption of PbBr2 Complex on Mercury Electrodes. Langmuir, 1995, 11, 1784-1790.	1.6	13
70	Pulse polarography of azobenzene. Electroanalysis, 1994, 6, 651-656.	1.5	6
71	Effects of surface-active substances in square-wave voltammetry and potentiometric stripping analysis of amalgam-forming metal ions. Fresenius' Journal of Analytical Chemistry, 1994, 349, 633-638.	1.5	17
72	Comparison of potentiometric stripping analysis and square-wave voltammetry with respect to the influence of Triton X-100. Analytica Chimica Acta, 1993, 276, 361-366.	2.6	21

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73	Adsorptive stripping square-wave voltammetry of Bi(III) in chloride media. Influence of triton X-100. Journal of Electroanalytical Chemistry, 1993, 358, 273-285.	1.9	13
74	A square-wave voltammetry in a cathodic stripping mode. Electroanalysis, 1992, 4, 327-337.	1.5	32
75	Faradaic alternating current response of the adsorbed redox couple. Mikrochimica Acta, 1990, 100, 321-325.	2.5	3
76	Theory of square-wave stripping voltammetry with adsorptive accumulation. Fresenius Zeitschrift FÃ¼r Analytische Chemie, 1989, 335, 289-294.	0.7	62
77	Berberine adsorption at a mercury electrode. Mikrochimica Acta, 1989, 97, 159-169.	2.5	7
78	Square-wave voltammetry of an adsorbed reactant. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 248, 239-253.	0.3	235
79	Adsorption effects in square-wave voltammetry of totally irreversible redox reactions. Electrochimica Acta, 1988, 33, 739-744.	2.6	118
80	Direct determination of bismuth(III) in sea water by square-wave anodic stripping voltammetry at a glassy-carbon rotating-disk electrode. Analytica Chimica Acta, 1988, 204, 161-167.	2.6	27
81	Square-wave voltammetry of berberine. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1987, 219, 281-289.	0.3	26
82	Trace metal speciation by ASV Part VII. Interaction of zinc with Clâ^', NO3â^', Iâ^', SO42â^' and OHâ^'. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1987, 226, 253-261.	0.3	21
83	Electrochemical studies of berberine and jatrorubine by pulse polarography. Mikrochimica Acta, 1986, 88, 407-414.	2.5	12
84	Reactant adsorption in pulse polarography. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 190, 1-20.	0.3	36
85	The ultraviolet and visible absorption spectra of berberrubine. Canadian Journal of Chemistry, 1982, 60, 970-975.	0.6	17