

Michal Grden

List of Publications by Year in descending order

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27
papers

614
citations

759233

12
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

731
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehensive study of the growth of thin oxide layers on Pt electrodes under well-defined temperature, potential, and time conditions. <i>Journal of Electroanalytical Chemistry</i> , 2006, 589, 120-127.	3.8	124
2	Electrochemical Growth of Surface Oxides on Nickel. Part 1: Formation of Ni(OH)_2 in Relation to the Polarization Potential, Polarization Time, and Temperature. <i>Electrocatalysis</i> , 2011, 2, 317-330.	3.0	104
3	EQCM studies on Pd-Ni alloy oxidation in basic solution. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 375-385.	2.5	66
4	EQCM studies on oxidation of metallic nickel electrode in basic solutions. <i>Journal of Electroanalytical Chemistry</i> , 2005, 581, 122-131.	3.8	36
5	Study of electrochemical palladium behavior by the quartz crystal microbalance. I. Acidic Solutions. <i>Journal of Solid State Electrochemistry</i> , 1999, 3, 348-351.	2.5	31
6	Cyclic voltammetric behavior of Pd-Pt-Rh ternary alloys. <i>Journal of Solid State Electrochemistry</i> , 2005, 9, 1-9.	2.5	30
7	Hydrogen insertion into Pd-Pt-Rh alloy limited volume electrodes (LVEs) - Keynote Lecture. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 523-528.	4.0	28
8	A quartz crystal microbalance study on a metallic nickel electrode. <i>Journal of Solid State Electrochemistry</i> , 2004, 8, 390-397.	2.5	24
9	Dual mechanism of hydrogen desorption from palladium alloys postulated on the basis of cyclic voltammetric studies. <i>Journal of Solid State Electrochemistry</i> , 2004, 8, 411-415.	2.5	17
10	Influence of Surface Treatment on the Kinetics of the Hydrogen Evolution Reaction on Bulk and Porous Nickel Materials. <i>Electrocatalysis</i> , 2019, 10, 173-183.	3.0	15
11	Intermediate oxidation states of technetium in concentrated sulfuric acid solutions. <i>Journal of Electroanalytical Chemistry</i> , 2018, 814, 83-90.	3.8	13
12	Hydrogen Electrosorption in Pd-Pt-Rh Alloys in the Presence of Adsorbed CO. <i>Analytical Letters</i> , 2004, 37, 967-978.	1.8	12
13	Electrochemical quartz crystal microbalance studies of a palladium electrode oxidation in a basic electrolyte solution. <i>Electrochimica Acta</i> , 2009, 54, 909-920.	5.2	11
14	Quartz crystal microbalance studies on electrochemical behavior of electrodeposited Pd-Ni alloys. <i>Electrochimica Acta</i> , 2006, 51, 2221-2229.	5.2	10
15	Oxidation of electrodeposited cobalt electrodes in an alkaline electrolyte. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 145-156.	2.5	10
16	Impedance study on the capacitance of silver electrode oxidised in alkaline electrolyte. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 3333-3344.	2.5	10
17	Semi-differential analysis of irreversible voltammetric peaks. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 1045-1058.	2.5	9
18	Interfacial capacitance of an oxidised copper electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014, 713, 47-57.	3.8	8

#	ARTICLE	IF	CITATIONS
19	Intermediate oxidation states of technetium in alkaline solutions. Journal of Electroanalytical Chemistry, 2018, 829, 148-156.	3.8	6
20	Synthesis and Characterization of Tb-Doped Nanoferrites. ChemNanoMat, 2018, 4, 231-242.	2.8	5
21	Non-classical applications of chemical analysis based on nuclear activation. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 677-714.	1.5	5
22	Electrochemical deposition of nickel targets from aqueous electrolytes for medical radioisotope production in accelerators: a review. Journal of Solid State Electrochemistry, 2021, 25, 1699-1725.	2.5	5
23	A quartz crystal microbalance study on oxidation of a cobalt electrode in an alkaline solution. Electrochemistry Communications, 2009, 11, 499-503.	4.7	4
24	Electrochemical deposition of nickel from aqueous electrolytic baths prepared by dissolution of metallic powder. Journal of Solid State Electrochemistry, 0, , 1.	2.5	4
25	The interfacial capacitance of an oxidised polycrystalline gold electrode in an aqueous HClO ₄ electrolyte. Thin Solid Films, 2013, 545, 332-340.	1.8	2
26	Platinum oxidation in alkaline electrolyte under potentiostatic conditions. Electrochemistry Communications, 2015, 61, 14-17.	4.7	2
27	Optimisation of parameters of complete nickel electrodeposition from acidic aqueous electrolytic baths prepared by dissolution of metal powder. Journal of Solid State Electrochemistry, 0, , .	2.5	1