

# Michal Grden

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4889295/publications.pdf>

Version: 2024-02-01

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	Electrochemical deposition of nickel targets from aqueous electrolytes for medical radioisotope production in accelerators: a review. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 1699-1725.	2.5	5
2	Non-classical applications of chemical analysis based on nuclear activation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 323, 677-714.	1.5	5
3	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
4	Intermediate oxidation states of technetium in concentrated sulfuric acid solutions. <i>Journal of Electroanalytical Chemistry</i> , 2018, 814, 83-90.	3.8	13
5	Synthesis and Characterization of Tb-Doped Nanoferrites. <i>ChemNanoMat</i> , 2018, 4, 231-242.	2.8	5
6	Intermediate oxidation states of technetium in alkaline solutions. <i>Journal of Electroanalytical Chemistry</i> , 2018, 829, 148-156.	3.8	6
7	Semi-differential analysis of irreversible voltammetric peaks. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 1045-1058.	2.5	9
8	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
9	Platinum oxidation in alkaline electrolyte under potentiostatic conditions. <i>Electrochemistry Communications</i> , 2015, 61, 14-17.	4.7	2
10	Interfacial capacitance of an oxidised copper electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014, 713, 47-57.	3.8	8
11	Oxidation of electrodeposited cobalt electrodes in an alkaline electrolyte. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 145-156.	2.5	10
12	The interfacial capacitance of an oxidised polycrystalline gold electrode in an aqueous HClO <sub>4</sub> electrolyte. <i>Thin Solid Films</i> , 2013, 545, 332-340.	1.8	2
13	Electrochemical Growth of Surface Oxides on Nickel. Part 1: Formation of Ni(OH) <sub>2</sub> in Relation to the Polarization Potential, Polarization Time, and Temperature. <i>Electrocatalysis</i> , 2011, 2, 317-330.	3.0	104
14	A quartz crystal microbalance study on oxidation of a cobalt electrode in an alkaline solution. <i>Electrochemistry Communications</i> , 2009, 11, 499-503.	4.7	4
15	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
16	EQCM studies on Pd-Ni alloy oxidation in basic solution. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 375-385.	2.5	66
17	Quartz crystal microbalance studies on electrochemical behavior of electrodeposited Pd-Ni alloys. <i>Electrochimica Acta</i> , 2006, 51, 2221-2229.	5.2	10
18	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

#	ARTICLE	IF	CITATIONS
19	EQCM studies on oxidation of metallic nickel electrode in basic solutions. Journal of Electroanalytical Chemistry, 2005, 581, 122-131.	3.8	36
20	Cyclic voltammetric behavior of Pdâ€“Ptâ€“Rh ternary alloys. Journal of Solid State Electrochemistry, 2005, 9, 1-9.	2.5	30
21	Dual mechanism of hydrogen desorption from palladium alloys postulated on the basis of cyclic voltammetric studies. Journal of Solid State Electrochemistry, 2004, 8, 411-415.	2.5	17
22	A quartz crystal microbalance study on a metallic nickel electrode. Journal of Solid State Electrochemistry, 2004, 8, 390-397.	2.5	24
23	Hydrogen insertion into Pdâ€“Ptâ€“Rh alloy limited volume electrodes (LVEs)â€“Keynote Lecture.. Journal of Physics and Chemistry of Solids, 2004, 65, 523-528.	4.0	28
24	Hydrogen Electrosorption in Pdâ€“Ptâ€“Rh Alloys in the Presence of Adsorbed CO. Analytical Letters, 2004, 37, 967-978.	1.8	12
25	Study of electrochemical palladium behavior by the quartz crystal microbalance. I. Acidic Solutions. Journal of Solid State Electrochemistry, 1999, 3, 348-351.	2.5	31
26	Electrochemical deposition of nickel from aqueous electrolytic baths prepared by dissolution of metallic powder. Journal of Solid State Electrochemistry, 0, , 1.	2.5	4
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