

Nadiia Kulyk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4271170/publications.pdf>

Version: 2024-02-01

21
papers

2,343
citations

516215

16
h-index

676716

22
g-index

22
all docs

22
docs citations

22
times ranked

3741
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxygen and hydrogen evolution reactions on Ru, RuO ₂ , Ir, and IrO ₂ thin film electrodes in acidic and alkaline electrolytes: A comparative study on activity and stability. <i>Catalysis Today</i> , 2016, 262, 170-180.	2.2	999
2	Dissolution of Noble Metals during Oxygen Evolution in Acidic Media. <i>ChemCatChem</i> , 2014, 6, 2219-2223.	1.8	394
3	Durability of platinum-based fuel cell electrocatalysts: Dissolution of bulk and nanoscale platinum. <i>Nano Energy</i> , 2016, 29, 275-298.	8.2	257
4	Dissolution of Platinum in the Operational Range of Fuel Cells. <i>ChemElectroChem</i> , 2015, 2, 1471-1478.	1.7	152
5	Nanoporous Pt@Au ₁₀₀ Cu ₁₀₀ by Hydrogen Evolution Assisted Electrodeposition of Au ₁₀₀ Cu ₁₀₀ and Galvanic Replacement of Cu with Pt: Electrocatalytic Properties. <i>Langmuir</i> , 2012, 28, 3306-3315.	1.6	67
6	Hydrogen sensing performance of electrodeposited conoidal palladium nanowire and nanotube arrays. <i>Sensors and Actuators B: Chemical</i> , 2009, 136, 388-391.	4.0	66
7	Platinum Dissolution in Realistic Fuel Cell Catalyst Layers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8882-8888.	7.2	63
8	Nanoporous palladium with sub-10 nm dendrites by electrodeposition for ethanol and ethylene glycol oxidation. <i>Nanoscale</i> , 2012, 4, 103-105.	2.8	62
9	Pulse-reverse electrodeposition for mesoporous metal films: combination of hydrogen evolution assisted deposition and electrochemical dealloying. <i>Nanoscale</i> , 2012, 4, 568-575.	2.8	38
10	Insights into Liquid Product Formation during Carbon Dioxide Reduction on Copper and Oxide-Derived Copper from Quantitative Real-Time Measurements. <i>ACS Catalysis</i> , 2020, 10, 6735-6740.	5.5	36
11	Copper electroless plating in weakly alkaline electrolytes using DMAB as a reducing agent for metallization on polymer films. <i>Electrochimica Acta</i> , 2012, 59, 179-185.	2.6	33
12	Electrochemical dissolution of gold in presence of chloride and bromide traces studied by on-line electrochemical inductively coupled plasma mass spectrometry. <i>Electrochimica Acta</i> , 2016, 222, 1056-1063.	2.6	33
13	Utilization of surface active sites on gold in preparation of highly reactive interfaces for alcohols electrooxidation in alkaline media. <i>Electrochimica Acta</i> , 2012, 69, 190-196.	2.6	32
14	Pt Sub-Monolayer on Au: System Stability and Insights into Platinum Electrochemical Dissolution. <i>Journal of the Electrochemical Society</i> , 2016, 163, H228-H233.	1.3	27
15	Numerical Simulation of an Electrochemical Flow Cell with V-Shape Channel Geometry. <i>Journal of the Electrochemical Society</i> , 2015, 162, H860-H866.	1.3	22
16	Electrodeposition Mechanism of Palladium Nanotube and Nanowire Arrays. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 3154-3159.	0.9	21
17	On the Time Resolution of Electrochemical Scanning Flow Cell Coupled to Downstream Analysis. <i>Journal of the Electrochemical Society</i> , 2019, 166, H866-H870.	1.3	13
18	Platinum Dissolution in Realistic Fuel Cell Catalyst Layers. <i>Angewandte Chemie</i> , 2021, 133, 8964-8970.	1.6	13

#	ARTICLE	IF	CITATIONS
19	Catalytic flow with a coupled finite difference " Lattice Boltzmann scheme. Computer Physics Communications, 2020, 256, 107443.	3.0	8
20	Study on electrochemical mechanical polishing process of copper circuit on PCB. Korean Journal of Chemical Engineering, 2010, 27, 310-314.	1.2	3
21	Dissolution of Platinum in the Operational Range of Fuel Cells. ChemElectroChem, 2015, 2, 1407-1407.	1.7	3