Nadiia Kulyk

List of Publications by Year in descending order

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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	Platinum Dissolution in Realistic Fuel Cell Catalyst Layers. Angewandte Chemie, 2021, 133, 8964-8970.	1.6	13
2	Platinum Dissolution in Realistic Fuel Cell Catalyst Layers. Angewandte Chemie - International Edition, 2021, 60, 8882-8888.	7.2	63
3	Catalytic flow with a coupled finite difference â€" Lattice Boltzmann scheme. Computer Physics Communications, 2020, 256, 107443.	3.0	8
4	Insights into Liquid Product Formation during Carbon Dioxide Reduction on Copper and Oxide-Derived Copper from Quantitative Real-Time Measurements. ACS Catalysis, 2020, 10, 6735-6740.	5.5	36
5	On the Time Resolution of Electrochemical Scanning Flow Cell Coupled to Downstream Analysis. Journal of the Electrochemical Society, 2019, 166, H866-H870.	1.3	13
6	Electrochemical dissolution of gold in presence of chloride and bromide traces studied by on-line electrochemical inductively coupled plasma mass spectrometry. Electrochimica Acta, 2016, 222, 1056-1063.	2.6	33
7	Pt Sub-Monolayer on Au: System Stability and Insights into Platinum Electrochemical Dissolution. Journal of the Electrochemical Society, 2016, 163, H228-H233.	1.3	27
8	Durability of platinum-based fuel cell electrocatalysts: Dissolution of bulk and nanoscale platinum. Nano Energy, 2016, 29, 275-298.	8.2	257
9	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. Catalysis Today, 2016, 262, 170-180.	2.2	999
10	Dissolution of Platinum in the Operational Range of Fuel Cells. ChemElectroChem, 2015, 2, 1407-1407.	1.7	3
11	Dissolution of Platinum in the Operational Range of Fuel Cells. ChemElectroChem, 2015, 2, 1471-1478.	1.7	152
12	Numerical Simulation of an Electrochemical Flow Cell with V-Shape Channel Geometry. Journal of the Electrochemical Society, 2015, 162, H860-H866.	1.3	22
13	Dissolution of Noble Metals during Oxygen Evolution in Acidic Media. ChemCatChem, 2014, 6, 2219-2223.	1.8	394
14	Nanoporous Pt@Au_xCu_{100â€“x} by Hydrogen Evolution Assisted Electrodeposition of Au_xCu_{100â€“x} and Galvanic Replacement of Cu with Pt: Electrocatalytic Properties. Langmuir, 2012, 28, 3306-3315.	1.6	67
15	Pulse-reverse electrodeposition for mesoporous metal films: combination of hydrogen evolution assisted deposition and electrochemical dealloying. Nanoscale, 2012, 4, 568-575.	2.8	38
16	Nanoporous palladium with sub-10 nm dendrites by electrodeposition for ethanol and ethylene glycol oxidation. Nanoscale, 2012, 4, 103-105.	2.8	62
17	Copper electroless plating in weakly alkaline electrolytes using DMAB as a reducing agent for metallization on polymer films. Electrochimica Acta, 2012, 59, 179-185.	2.6	33
18	Utilization of surface active sites on gold in preparation of highly reactive interfaces for alcohols electrooxidation in alkaline media. Electrochimica Acta, 2012, 69, 190-196.	2.6	32

#	Article	IF	Citations
19	Study on electrochemical mechanical polishing process of copper circuit on PCB. Korean Journal of Chemical Engineering, 2010, 27, 310-314.	1.2	3
20	Electrodeposition Mechanism of Palladium Nanotube and Nanowire Arrays. Journal of Nanoscience and Nanotechnology, 2009, 9, 3154-3159.	0.9	21
21	Hydrogen sensing performance of electrodeposited conoidal palladium nanowire and nanotube arrays. Sensors and Actuators B: Chemical, 2009, 136, 388-391.	4.0	66