

Vitali Grozovski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7715037/publications.pdf>

Version: 2024-02-01

14
papers

342
citations

1040056

9
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

432
citing authors

#	ARTICLE	IF	CITATIONS
1	A Tandem (Bi ₂ O ₃ + Bi _{met}) Catalyst for Highly Efficient <i>in situ</i> -CO ₂ Conversion into Formate: <i>in situ</i> Raman Spectroscopic Evidence for a Reaction Pathway Change. ACS Catalysis, 2021, 11, 4988-5003.	11.2	67
2	Environment Matters: CO ₂ RR Electrocatalyst Performance Testing in a Gas-Fed Zero-Gap Electrolyzer. ACS Catalysis, 2020, 10, 13096-13108.	11.2	55
3	Electrochemical Hydrogen Evolution: H ⁺ or H ₂ O Reduction? A Rotating Disk Electrode Study. Journal of the Electrochemical Society, 2017, 164, E3171-E3178.	2.9	47
4	Selective <i>n</i> -propanol formation from CO ₂ over degradation-resistant activated PdCu alloy foam electrocatalysts. Green Chemistry, 2020, 22, 6497-6509.	9.0	43
5	Toward CO ₂ Electroreduction under Controlled Mass Flow Conditions: A Combined Inverted RDE and Gas Chromatography Approach. Analytical Chemistry, 2020, 92, 4301-4308.	6.5	25
6	Adsorption of camphor and 2,2'-bipyridine on Bi(111) electrode surface. Electrochimica Acta, 2008, 53, 4035-4045.	5.2	17
7	Oxygen Reduction at Shape-Controlled Platinum Nanoparticles and Composite Catalysts Based on (100)Pt Nanocubes on Microporous/Mesoporous Carbon Supports. ChemElectroChem, 2015, 2, 847-851.	3.4	17
8	Adsorption of thiourea on Bi(111) electrode surface. Journal of Electroanalytical Chemistry, 2014, 712, 103-112.	3.8	16
9	Balance of the interfacial interactions of 4,4'-bipyridine at Bi(111) surface. Electrochimica Acta, 2014, 120, 86-95.	5.2	15
10	Full Model for the Two-Step Polarization Curves of Hydrogen Evolution, Measured on RDEs in Dilute Acid Solutions. Journal of Physical Chemistry C, 2020, 124, 3988-4000.	3.1	11
11	Multifunctional Electrocatalysis on Single-Site Metal Catalysts: A Computational Perspective. Catalysts, 2021, 11, 1165.	3.5	11
12	Photonic Curing: Activation and Stabilization of Metal Membrane Catalysts (MMCs) for the Electrochemical Reduction of CO ₂ . ACS Catalysis, 2019, 9, 9518-9529.	11.2	9
13	Inverted RDE (iRDE) as Novel Test Bed for Studies on Additive-Assisted Metal Deposition under Gas-Evolution Conditions. Journal of the Electrochemical Society, 2020, 167, 042503.	2.9	5
14	A Model for the Faradaic Efficiency of Base Metal Electrodeposition from Mildly Acidic Baths to Rotating Disk Electrodes. Journal of the Electrochemical Society, 2020, 167, 102510.	2.9	4