Vitali Grozovski

List of Publications by Year
in descending order

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 (Bi₂O₃ â†' Bi_{met}) Catalyst for Highly Efficient ec-CO₂ Conversion into Formate: Operando Raman Spectroscopic Evidence for a Reaction Pathway Change. ACS Catalysis, 2021, 11, 4988-5003.	11.2	67
2	Multifunctional Electrocatalysis on Single-Site Metal Catalysts: A Computational Perspective. Catalysts, 2021, 11, 1165.	3.5	11
3	Environment Matters: CO₂RR Electrocatalyst Performance Testing in a Gas-Fed Zero-Gap Electrolyzer. ACS Catalysis, 2020, 10, 13096-13108.	11.2	55
4	Selective n-propanol formation from CO₂ over degradation-resistant activated PdCu alloy foam electrocatalysts. Green Chemistry, 2020, 22, 6497-6509.	9.0	43
5	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
6	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
7	Toward CO₂ Electroreduction under Controlled Mass Flow Conditions: A Combined Inverted RDE and Gas Chromatography Approach. Analytical Chemistry, 2020, 92, 4301-4308.	6.5	25
8	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
9	Photonic Curing: Activation and Stabilization of Metal Membrane Catalysts (MMCs) for the Electrochemical Reduction of CO2. ACS Catalysis, 2019, 9, 9518-9529.	11.2	9
10	Electrochemical Hydrogen Evolution: H⁺or H₂O Reduction? A Rotating Disk Electrode Study. Journal of the Electrochemical Society, 2017, 164, E3171-E3178.	2.9	47
11	Oxygen Reduction at Shapeâ€Controlled Platinum Nanoparticles and Composite Catalysts Based on (100)Pt Nanocubes on Microporousâ€"Mesoporous Carbon Supports. ChemElectroChem, 2015, 2, 847-851.	3.4	17
12	Balance of the interfacial interactions of 4,4â€²-bipyridine at Bi(111) surface. Electrochimica Acta, 2014, 120, 86-95.	5.2	15
13	Adsorption of thiourea on Bi(111) electrode surface. Journal of Electroanalytical Chemistry, 2014, 712, 103-112.	3.8	16
14	Adsorption of camphor and 2,2â€²-bipyridine on Bi(111) electrode surface. Electrochimica Acta, 2008, 53, 4035-4045.	5.2	17