

Drazenka Svedruzic

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

592
citations

1163117

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1199594

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all docs

16
docs citations

16
times ranked

921
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissecting Electronic-Structural Transitions in the Nitrogenase MoFe Protein P-Cluster during Reduction. <i>Journal of the American Chemical Society</i> , 2022, 144, 5708-5712.	13.7	7
2	Extracellular electron transfer across bio-nano interfaces for CO ₂ electroreduction. <i>Nanoscale</i> , 2021, 13, 1093-1102.	5.6	8
3	Exogenous electricity flowing through cyanobacterial photosystem I drives CO ₂ valorization with high energy efficiency. <i>Energy and Environmental Science</i> , 2021, 14, 5480-5490.	30.8	19
4	Substrate Channeling via a Transient Protein-Protein Complex: The case of D-Glyceraldehyde-3-Phosphate Dehydrogenase and L-Lactate Dehydrogenase. <i>Scientific Reports</i> , 2020, 10, 10404.	3.3	15
5	Applying Dynamic Strain on Thin Oxide Films Immobilized on a Pseudoelastic Nickel-Titanium Alloy. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	0
6	Dynamic Tuning of a Thin Film Electrocatalyst by Tensile Strain. <i>Scientific Reports</i> , 2019, 9, 15906.	3.3	21
7	Semiconductor-to-Metal Transition in Rutile TiO ₂ Induced by Tensile Strain. <i>Chemistry of Materials</i> , 2017, 29, 2173-2179.	6.7	19
8	Mechano-Electrochemistry and Fuel-Forming Mechano-Electrocatalysis on Spring Electrodes. <i>Journal of Physical Chemistry C</i> , 2014, 118, 19246-19251.	3.1	6
9	High-Performance Hydrogen Production and Oxidation Electrodes with Hydrogenase Supported on Metallic Single-Wall CarbonNanotube Networks. <i>Journal of the American Chemical Society</i> , 2011, 133, 4299-4306.	13.7	61
10	[FeFe]-Hydrogenase-Catalyzed H ₂ Production in a Photoelectrochemical Biofuel Cell. <i>Journal of the American Chemical Society</i> , 2008, 130, 2015-2022.	13.7	304
11	Raman spectroscopy of charge transfer interactions between single wall carbon nanotubes and [FeFe] hydrogenase. <i>Dalton Transactions</i> , 2008, , 5454.	3.3	13
12	Merging [FeFe]-hydrogenases with materials and nanomaterials as biohybrid catalysts for solar H ₂ production. , 2007, , .		1
13	Wiring-Up Hydrogenase with Single-Walled Carbon Nanotubes. <i>Nano Letters</i> , 2007, 7, 3528-3534.	9.1	106
14	Structural and functional investigations of biological catalysts for optimization of solar-driven H ₂ production systems. , 2006, 6340, 259.		6