

# Drazenka Svedruzic

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

592  
citations

1163117

8  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

921  
citing authors

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