

Ernesto Flores-Rojas

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

102
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

89
citing authors

#	ARTICLE	IF	CITATIONS
1	The mechanochemical synthesis of PbTe nanostructures: following the Ostwald ripening effect during milling. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27082-27092.	2.8	23
2	Electrocatalysis of oxygen reduction on CoNi-decorated-Pt nanoparticles: A theoretical and experimental study. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 23301-23311.	7.1	19
3	A Combined DFT and Experimental Investigation of Pt-Wrapped CoNi Nanoparticles for the Oxygen Reduction Reaction. <i>Electrocatalysis</i> , 2018, 9, 662-672.	3.0	16
4	Mechanochemical synthesis of Co and Ni decorated with chemically deposited Pt as electrocatalysts for oxygen reduction reaction. <i>Materials Chemistry and Physics</i> , 2016, 183, 101-109.	4.0	11
5	Pt-Free Metal Nanocatalysts for the Oxygen Reduction Reaction Combining Experiment and Theory: An Overview. <i>Molecules</i> , 2021, 26, 6689.	3.8	11
6	The high-energy milling process as a synergistic approach to minimize the thermal conductivity of PbTe nanostructures. <i>Journal of Alloys and Compounds</i> , 2020, 820, 153167.	5.5	10
7	Versatile synthesis of CuPt nanocatalysts for oxygen reduction reaction. <i>Materials Letters</i> , 2019, 239, 98-101.	2.6	6
8	Applications of cathodic Co ₁₀₀ -XNi _x (x = 0, 30, 70, and 100) electrocatalysts chemically coated with Pt for PEM fuel cells. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 13726-13737.	7.1	6