

Enrico Pizzutilo

List of Publications by Year in descending order

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15
papers

1,426
citations

623734

14
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

2301
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysing the relationship between the fields of thermo- and electrocatalysis taking hydrogen peroxide as a case study. <i>Nature Communications</i> , 2022, 13, 1973.	12.8	9
2	The oxygen reduction reaction on palladium with low metal loadings: The effects of chlorides on the stability and activity towards hydrogen peroxide. <i>Journal of Catalysis</i> , 2020, 389, 400-408.	6.2	25
3	Isolated Pd Sites as Selective Catalysts for Electrochemical and Direct Hydrogen Peroxide Synthesis. <i>ACS Catalysis</i> , 2020, 10, 5928-5938.	11.2	58
4	Shape-Controlled Nanoparticles in Pore-Confined Space. <i>Journal of the American Chemical Society</i> , 2018, 140, 15684-15689.	13.7	48
5	Impact of Palladium Loading and Interparticle Distance on the Selectivity for the Oxygen Reduction Reaction toward Hydrogen Peroxide. <i>Journal of Physical Chemistry C</i> , 2018, 122, 15878-15885.	3.1	53
6	The stability number as a metric for electrocatalyst stability benchmarking. <i>Nature Catalysis</i> , 2018, 1, 508-515.	34.4	533
7	Electrocatalytic synthesis of hydrogen peroxide on Au-Pd nanoparticles: From fundamentals to continuous production. <i>Chemical Physics Letters</i> , 2017, 683, 436-442.	2.6	112
8	Palladium electrodisolution from model surfaces and nanoparticles. <i>Electrochimica Acta</i> , 2017, 229, 467-477.	5.2	29
9	Addressing stability challenges of using bimetallic electrocatalysts: the case of gold-palladium nanoalloys. <i>Catalysis Science and Technology</i> , 2017, 7, 1848-1856.	4.1	35
10	The Space Confinement Approach Using Hollow Graphitic Spheres to Unveil Activity and Stability of Pt-Co Nanocatalysts for PEMFC. <i>Advanced Energy Materials</i> , 2017, 7, 1700835.	19.5	49
11	Gold-Palladium Bimetallic Catalyst Stability: Consequences for Hydrogen Peroxide Selectivity. <i>ACS Catalysis</i> , 2017, 7, 5699-5705.	11.2	76
12	Experimental Methodologies to Understand Degradation of Nanostructured Electrocatalysts for PEM Fuel Cells: Advances and Opportunities. <i>ChemElectroChem</i> , 2016, 3, 1524-1536.	3.4	30
13	Minimizing Operando Demetallation of Fe-N-C Electrocatalysts in Acidic Medium. <i>ACS Catalysis</i> , 2016, 6, 3136-3146.	11.2	201
14	Structure-Activity-Stability Relationships for Space-Confined Pt _x Ni _y Nanoparticles in the Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2016, 6, 8058-8068.	11.2	56
15	On the Need of Improved Accelerated Degradation Protocols (ADPs): Examination of Platinum Dissolution and Carbon Corrosion in Half-Cell Tests. <i>Journal of the Electrochemical Society</i> , 2016, 163, F1510-F1514.	2.9	112