

# Enrico Pizzutilo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8489915/publications.pdf>

Version: 2024-02-01

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	The stability number as a metric for electrocatalyst stability benchmarking. <i>Nature Catalysis</i> , 2018, 1, 508-515.	34.4	533
2	Minimizing Operando Demetallation of Fe-N-C Electrocatalysts in Acidic Medium. <i>ACS Catalysis</i> , 2016, 6, 3136-3146.	11.2	201
3	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
4	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
5	Goldâ€Palladium Bimetallic Catalyst Stability: Consequences for Hydrogen Peroxide Selectivity. <i>ACS Catalysis</i> , 2017, 7, 5699-5705.	11.2	76
6	Isolated Pd Sites as Selective Catalysts for Electrochemical and Direct Hydrogen Peroxide Synthesis. <i>ACS Catalysis</i> , 2020, 10, 5928-5938.	11.2	58
7	Structureâ€Activityâ€Stability Relationships for Space-Confined Pt<sub>x</sub>Ni<sub>y</sub> Nanoparticles in the Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2016, 6, 8058-8068.	11.2	56
8	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
9	The Space Confinement Approach Using Hollow Graphitic Spheres to Unveil Activity and Stability of Ptâ€Co Nanocatalysts for PEMFC. <i>Advanced Energy Materials</i> , 2017, 7, 1700835.	19.5	49
10	Shape-Controlled Nanoparticles in Pore-Confined Space. <i>Journal of the American Chemical Society</i> , 2018, 140, 15684-15689.	13.7	48
11	Addressing stability challenges of using bimetallic electrocatalysts: the case of goldâ€palladium nanoalloys. <i>Catalysis Science and Technology</i> , 2017, 7, 1848-1856.	4.1	35
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	Palladium electrodisolution from model surfaces and nanoparticles. <i>Electrochimica Acta</i> , 2017, 229, 467-477.	5.2	29
14	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
15	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