

Paul Paciok

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,026
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

2022
citing authors

#	ARTICLE	IF	CITATIONS
1	A unique oxygen ligand environment facilitates water oxidation in hole-doped IrNiOx core-shell electrocatalysts. <i>Nature Catalysis</i> , 2018, 1, 841-851.	34.4	424
2	Gas Permeation through Nafion. Part 1: Measurements. <i>Journal of Physical Chemistry C</i> , 2015, 119, 25145-25155.	3.1	144
3	Engineering stable electrocatalysts by synergistic stabilization between carbide cores and Pt shells. <i>Nature Materials</i> , 2020, 19, 287-291.	27.5	120
4	Dealloyed PtNi-Core-shell Nanocatalysts Enable Significant Lowering of Pt Electrode Content in Direct Methanol Fuel Cells. <i>ACS Catalysis</i> , 2019, 9, 3764-3772.	11.2	66
5	Boosting Photoelectrochemical Water Oxidation of Hematite in Acidic Electrolytes by Surface State Modification. <i>Advanced Energy Materials</i> , 2019, 9, 1901836.	19.5	64
6	Formation of unexpectedly active Ni-Fe oxygen evolution electrocatalysts by physically mixing Ni and Fe oxyhydroxides. <i>Chemical Communications</i> , 2019, 55, 818-821.	4.1	57
7	Shape-Controlled Nanoparticles in Pore-Confined Space. <i>Journal of the American Chemical Society</i> , 2018, 140, 15684-15689.	13.7	48
8	On the mobility of carbon-supported platinum nanoparticles towards unveiling cathode degradation in water electrolysis. <i>Journal of Power Sources</i> , 2017, 365, 53-60.	7.8	41
9	Size and Composition Dependence of Oxygen Reduction Reaction Catalytic Activities of Mo-Doped PtNi/C Octahedral Nanocrystals. <i>ACS Catalysis</i> , 2021, 11, 11407-11415.	11.2	26
10	High resolution transmission electron microscopy and electronic structure theory investigation of platinum nanoparticles on carbon black. <i>Journal of Chemical Physics</i> , 2019, 150, 041705.	3.0	14
11	Engineering gold-platinum core-shell nanoparticles by self-limitation in solution. <i>Communications Chemistry</i> , 2022, 5, .	4.5	10
12	Unprecedented Catalytic Activity and Selectivity in Methanol Steam Reforming by Reactive Transformation of Intermetallic In-Pt Compounds. <i>Journal of Physical Chemistry C</i> , 2021, 125, 9809-9817.	3.1	7
13	The Impact of Antimony on the Performance of Antimony Doped Tin Oxide Supported Platinum for the Oxygen Reduction Reaction. <i>Journal of the Electrochemical Society</i> , 2021, 168, 024502.	2.9	4
14	Photoelectrochemical Water Splitting: Boosting Photoelectrochemical Water Oxidation of Hematite in Acidic Electrolytes by Surface State Modification (<i>Adv. Energy Mater.</i> 34/2019). <i>Advanced Energy Materials</i> , 2019, 9, 1970131.	19.5	1
15	An ORR Identical Location STEM Investigation of the Stability of Pt ₃ -Ni Octahedra Supported in Hollow Graphitic Spheres. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0