

Wei Yan

List of Publications by Year in descending order

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17
papers

555
citations

759233

12
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

812
citing authors

#	ARTICLE	IF	CITATIONS
1	Porous Carbon-Supported Gold Nanoparticles for Oxygen Reduction Reaction: Effects of Nanoparticle Size. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 20635-20641.	8.0	118
2	Co@Pt Core@Shell nanoparticles encapsulated in porous carbon derived from zeolitic imidazolate framework 67 for oxygen electroreduction in alkaline media. <i>Journal of Power Sources</i> , 2017, 343, 458-466.	7.8	99
3	Oxygen reduction catalyzed by gold nanoclusters supported on carbon nanosheets. <i>Nanoscale</i> , 2016, 8, 6629-6635.	5.6	58
4	PdAu alloyed clusters supported by carbon nanosheets as efficient electrocatalysts for oxygen reduction. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 218-227.	7.1	49
5	Spectrally Selective Mid-Wave Infrared Detection Using Fabry-Pérot Cavity Enhanced Black Phosphorus 2D Photodiodes. <i>ACS Nano</i> , 2020, 14, 13645-13651.	14.6	41
6	Ultrasmall Palladium Nanoclusters Encapsulated in Porous Carbon Nanosheets for Oxygen Electroreduction in Alkaline Media. <i>ChemElectroChem</i> , 2017, 4, 1349-1355.	3.4	29
7	Long-Wave Infrared Photodetectors Based on 2D Platinum Diselenide atop Optical Cavity Substrates. <i>ACS Nano</i> , 2021, 15, 6573-6581.	14.6	29
8	Probing Angle-Dependent Interlayer Coupling in Twisted Bilayer WS ₂ . <i>Journal of Physical Chemistry C</i> , 2019, 123, 30684-30688.	3.1	28
9	Morphology Control and Electro catalytic Activity towards Oxygen Reduction of Peptide-Templated Metal Nanomaterials: A Comparison between Au and Pt. <i>ChemistrySelect</i> , 2016, 1, 6044-6052.	1.5	19
10	Oxygen reduction reaction and hydrogen evolution reaction catalyzed by carbon-supported molybdenum-coated palladium nanocubes. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 17132-17141.	7.1	19
11	Peptide capped Pd nanoparticles for oxygen electroreduction: Strong surface effects. <i>Journal of Alloys and Compounds</i> , 2017, 702, 146-152.	5.5	18
12	Peptide A4 based AuAg alloyed nanoparticle networks for electrocatalytic reduction of oxygen. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 11295-11303.	7.1	16
13	Shape and structural effects of R5-templated Pd nanomaterials as potent catalyst for oxygen electroreduction in alkaline media. <i>Journal of Materials Science</i> , 2017, 52, 8016-8026.	3.7	8
14	In situ preparation of multi-wall carbon nanotubes/Au composites for oxygen electroreduction. <i>RSC Advances</i> , 2016, 6, 91209-91215.	3.6	7
15	Visible to Short-Wave Infrared Photodetectors Based on ZrGeTe ₄ van der Waals Materials. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45881-45889.	8.0	7
16	Epitaxial growth of highly-aligned MoS ₂ on c-plane sapphire. <i>Surface Science</i> , 2022, 720, 122046.	1.9	7
17	Phase Calibrated Ring Oscillator PUF Design and Application. <i>Computers</i> , 2018, 7, 40.	3.3	3