

Khurram Saleem Joya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5845932/publications.pdf>

Version: 2024-02-01

38
papers

1,721
citations

346980

22
h-index

371746

37
g-index

42
all docs

42
docs citations

42
times ranked

2805
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-splitting Catalysis and Solar Fuel Devices: Artificial Leaves on the Move. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10426-10437.	7.2	421
2	Surface-immobilized Single-site Iridium Complexes for Electrocatalytic Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9601-9605.	7.2	126
3	Zinc-telluride nanospheres as an efficient water oxidation electrocatalyst displaying a low overpotential for oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26410-26420.	5.2	87
4	Metal Nanoclusters: New Paradigm in Catalysis for Water Splitting, Solar and Chemical Energy Conversion. <i>ChemSusChem</i> , 2019, 12, 1517-1548.	3.6	81
5	Highly Sensitive and Selective Detection of Arsenic Using Electrogenerated Nanotextured Gold Assemblage. <i>ACS Omega</i> , 2019, 4, 13645-13657.	1.6	71
6	Ni-Based Electrocatalyst for Water Oxidation Developed <i>In situ</i> in a $\text{HCO}_3^-/\text{CO}_2$ System at Near-Neutral pH. <i>Advanced Energy Materials</i> , 2014, 4, 1301929.	10.2	70
7	Nanoscale palladium as a new benchmark electrocatalyst for water oxidation at low overpotential. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9137-9144.	5.2	65
8	Surface Generation of a Cobalt-Derived Water Oxidation Electrocatalyst Developed in a Neutral $\text{HCO}_3^-/\text{CO}_2$ System. <i>Advanced Energy Materials</i> , 2014, 4, 1400252.	10.2	58
9	Catalytic ozonation of paracetamol on zeolite A: Non-radical mechanism. <i>Catalysis Communications</i> , 2018, 112, 15-20.	1.6	49
10	Ultrathin CoTe nanoflakes electrode demonstrating low overpotential for overall water splitting. <i>Fuel</i> , 2020, 280, 118666.	3.4	49
11	Molecular Catalytic Assemblies for Electrodriven Water Splitting. <i>ChemPlusChem</i> , 2013, 78, 35-47.	1.3	47
12	Iron doped nickel ditelluride hierarchical nanoflakes arrays directly grown on nickel foam as robust electrodes for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2021, 371, 137830.	2.6	44
13	Artificial Leaf Goes Simpler and More Efficient for Solar Fuel Generation. <i>ChemSusChem</i> , 2014, 7, 73-76.	3.6	35
14	Electrochemical <i>in situ</i> surface enhanced Raman spectroscopic characterization of a trinuclear ruthenium complex, Ru^{red} . <i>Journal of Raman Spectroscopy</i> , 2013, 44, 1195-1199.	1.2	34
15	Facile synthesis of novel carbon dots@metal organic framework composite for remarkable and highly sustained oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2021, 856, 158038.	2.8	34
16	Biomimetic molecular water splitting catalysts for hydrogen generation. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 8787-8799.	3.8	33
17	Spray-Coated Thin-Film Ni-Oxide Nanoflakes as Single Electrocatalysts for Oxygen Evolution and Hydrogen Generation from Water Splitting. <i>ACS Omega</i> , 2020, 5, 10641-10650.	1.6	32
18	Efficient electrochemical water oxidation in neutral and near-neutral systems with a nanoscale silver-oxide catalyst. <i>Nanoscale</i> , 2016, 8, 15033-15040.	2.8	31

#	ARTICLE	IF	CITATIONS
19	Thin-film iron-oxide nanobeads as bifunctional electrocatalyst for high activity overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 7885-7902.	3.8	31
20	Heterogeneous Electrocatalysts for Efficient Water Oxidation Derived from Metal Phthalocyanine. <i>ChemistrySelect</i> , 2018, 3, 11357-11366.	0.7	24
21	Copper telluride nanowires for high performance electrocatalytic water oxidation in alkaline media. <i>Journal of Power Sources</i> , 2021, 491, 229628.	4.0	23
22	Nobleâ€Metalâ€Free Colloidalâ€Copper Based Low Overpotential Water Oxidation Electrocatalyst. <i>ChemCatChem</i> , 2019, 11, 6022-6030.	1.8	22
23	Comparative study of catalytic ozonation and Fenton-like processes using iron-loaded rice husk ash as catalyst for the removal of methylene blue in wastewater. <i>Ozone: Science and Engineering</i> , 2019, 41, 250-260.	1.4	22
24	Surface-assembled non-noble metal nanoscale Ni-colloidal thin-films as efficient electrocatalysts for water oxidation. <i>RSC Advances</i> , 2019, 9, 37274-37286.	1.7	16
25	Engineered Modular Design of a Nanoscale CoNP/Au_{nano} Hybrid Assembly for High-Performance Overall Water Splitting. <i>ACS Applied Energy Materials</i> , 2021, 4, 8953-8968.	2.5	16
26	Rationally designed FeOx@CuOx/FTO dendritic hybrid: A sustainable electrocatalyst for efficient oxygen evolution reaction. <i>Fuel</i> , 2022, 319, 123797.	3.4	16
27	Surface-assembled Fe-Oxide colloidal nanoparticles for high performance electrocatalytic water oxidation. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 5207-5222.	3.8	14
28	Application of peanut shell ash as a low-cost support for Fenton-like catalytic removal of methylene blue in wastewater. , 0, 111, 338-344.		9
29	Application of heterogeneous iron loaded zeolite A catalyst in photo-Fenton process for the removal of safranin in wastewater. , 0, 148, 152-161.		9
30	Phase transformation and freestanding nanoparticles formation in lead zirconate titanate derived by sol-gel. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	7
31	Spray-assembled nanoscale cobalt-oxide as highly efficient and durable bifunctional electrocatalyst for overall water splitting. <i>Materials Today Energy</i> , 2020, 17, 100434.	2.5	7
32	Designing of noble metal free high performance mesoporous electrocatalysts for water splitting. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 39799-39809.	3.8	7
33	Nanoscale LaDySn 2 O 7 /SnSe Composite for Visibleâ€Light Driven Photoreduction of CO 2 to Methane and for Monoazo Dyes Photodegradation. <i>ChemistrySelect</i> , 2019, 4, 11511-11517.	0.7	6
34	Cobalt Colloid-derived Efficient and Durable Nanoscale Electrocatalytic Films for High-Activity Water Oxidation. <i>ACS Omega</i> , 2020, 5, 10651-10662.	1.6	6
35	Combined catalytic ozonation and electroflocculation process for the removal of basic yellow 28 in wastewater. , 0, 127, 354-363.		6
36	Electrocatalysts: Surface Generation of a Cobaltâ€Derived Water Oxidation Electrocatalyst Developed in a Neutral HCO₃⁻/CO₂ System (<i>Adv. Energy Mater.</i> 16/2014). <i>Advanced Energy Materials</i> , 2014, 4, .	10.2	5

#	ARTICLE	IF	CITATIONS
37	Engineered Nanoscale Single-Metal Oxides Catalytic Thin Films for High-Performance Water Oxidation. Energy Technology, 2021, 9, 2000896.	1.8	5
38	Water Oxidation Electrocatalysts: Ni-Based Electrocatalyst for Water Oxidation Developed In-Situ in a HCO ₃ ⁻ /CO ₂ System at Near-Neutral pH (Adv. Energy Mater. 9/2014). Advanced Energy Materials, 2014, 4, .	10.2	3