Khurram Saleem Joya

List of Publications by Year
in descending order

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38 papers	1,721 citations	304743 22 h-index	330143 37 g-index
42 all docs	42 docs citations	42 times ranked	2401 citing authors

#	Article	IF	Citations
1	Waterâ€Splitting Catalysis and Solar Fuel Devices: Artificial Leaves on the Move. Angewandte Chemie - International Edition, 2013, 52, 10426-10437.	13.8	421
2	Surfaceâ€Immobilized Singleâ€Site Iridium Complexes for Electrocatalytic Water Splitting. Angewandte Chemie - International Edition, 2012, 51, 9601-9605.	13.8	126
3	Zinc-telluride nanospheres as an efficient water oxidation electrocatalyst displaying a low overpotential for oxygen evolution. Journal of Materials Chemistry A, 2019, 7, 26410-26420.	10.3	87
4	Metal Nanoclusters: New Paradigm in Catalysis for Water Splitting, Solar and Chemical Energy Conversion. ChemSusChem, 2019, 12, 1517-1548.	6.8	81
5	Highly Sensitive and Selective Detection of Arsenic Using Electrogenerated Nanotextured Gold Assemblage. ACS Omega, 2019, 4, 13645-13657.	3.5	71
6	Niâ€Based Electrocatalyst for Water Oxidation Developed Inâ€Situ in a HCO₃^{â^'}/CO₂ System at Nearâ€Neutral pH. Advanced Energy Materials, 2014, 4, 1301929.	19.5	70
7	Nanoscale palladium as a new benchmark electrocatalyst for water oxidation at low overpotential. Journal of Materials Chemistry A, 2019, 7, 9137-9144.	10.3	65
8	Surface Generation of a Cobaltâ€Derived Water Oxidation Electrocatalyst Developed in a Neutral HCO₃^{â^'}/CO₂ System. Advanced Energy Materials, 2014, 4, 1400252.	19.5	58
9	Catalytic ozonation of paracetamol on zeolite A: Non-radical mechanism. Catalysis Communications, 2018, 112, 15-20.	3.3	49
10	Ultrathin CoTe nanoflakes electrode demonstrating low overpotential for overall water splitting. Fuel, 2020, 280, 118666.	6.4	49
11	Molecular Catalytic Assemblies for Electrodriven Water Splitting. ChemPlusChem, 2013, 78, 35-47.	2.8	47
12	Iron doped nickel ditelluride hierarchical nanoflakes arrays directly grown on nickel foam as robust electrodes for oxygen evolution reaction. Electrochimica Acta, 2021, 371, 137830.	5.2	44
13	Artificial Leaf Goes Simpler and More Efficient for Solar Fuel Generation. ChemSusChem, 2014, 7, 73-76.	6.8	35
14	Electrochemical in situ surface enhanced Raman spectroscopic characterization of a trinuclear ruthenium complex, Ruâ€red. Journal of Raman Spectroscopy, 2013, 44, 1195-1199.	2.5	34
15	Facile synthesis of novel carbon dots@metal organic framework composite for remarkable and highly sustained oxygen evolution reaction. Journal of Alloys and Compounds, 2021, 856, 158038.	5.5	34
16	Biomimetic molecular water splitting catalysts for hydrogen generation. International Journal of Hydrogen Energy, 2012, 37, 8787-8799.	7.1	33
17	Spray-Coated Thin-Film Ni-Oxide Nanoflakes as Single Electrocatalysts for Oxygen Evolution and Hydrogen Generation from Water Splitting. ACS Omega, 2020, 5, 10641-10650.	3.5	32
18	Efficient electrochemical water oxidation in neutral and near-neutral systems with a nanoscale silver-oxide catalyst. Nanoscale, 2016, 8, 15033-15040.	5.6	31

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19	Thin-film iron-oxide nanobeads as bifunctional electrocatalyst for high activity overall water splitting. International Journal of Hydrogen Energy, 2021, 46, 7885-7902.	7.1	31
20	Heterogeneous Electrocatalysts for Efficient Water Oxidation Derived from Metal Phthalocyanine. ChemistrySelect, 2018, 3, 11357-11366.	1.5	24
21	Copper telluride nanowires for high performance electrocatalytic water oxidation in alkaline media. Journal of Power Sources, 2021, 491, 229628.	7.8	23
22	Nobleâ€Metalâ€Free Colloidalâ€Copper Based Low Overpotential Water Oxidation Electrocatalyst. ChemCatChem, 2019, 11, 6022-6030.	3.7	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. Ozone: Science and Engineering, 2019, 41, 250-260.	2.5	22
24	Surface-assembled non-noble metal nanoscale Ni-colloidal thin-films as efficient electrocatalysts for water oxidation. RSC Advances, 2019, 9, 37274-37286.	3.6	16
25	Engineered Modular Design of a Nanoscale CoNP/Au_{nano} Hybrid Assembly for High-Performance Overall Water Splitting. ACS Applied Energy Materials, 2021, 4, 8953-8968.	5.1	16
26	Rationally designed FeOx@CuOx/FTO dendritic hybrid: A sustainable electrocatalyst for efficient oxygen evolution reaction. Fuel, 2022, 319, 123797.	6.4	16
27	Surface-assembled Fe-Oxide colloidal nanoparticles for high performance electrocatalytic water oxidation. International Journal of Hydrogen Energy, 2021, 46, 5207-5222.	7.1	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. Applied Physics Letters, 2007, 91, .	3.3	7
31	Spray-assembled nanoscale cobalt-oxide as highly efficient and durable bifunctional electrocatalyst for overall water splitting. Materials Today Energy, 2020, 17, 100434.	4.7	7
32	Designing of noble metal free high performance mesoporous electrocatalysts for water splitting. International Journal of Hydrogen Energy, 2021, 46, 39799-39809.	7.1	7
33	Nanoscale LaDySn 2 O 7 /SnSe Composite for Visibleâ€light Driven Photoreduction of CO 2 to Methane and for Monoazo Dyes Photodegradation. ChemistrySelect, 2019, 4, 11511-11517.	1.5	6
34	Cobalt Colloid-derived Efficient and Durable Nanoscale Electrocatalytic Films for High-Activity Water Oxidation. ACS Omega, 2020, 5, 10651-10662.	3.5	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^{â^'}/CO₂ System (Adv. Energy Mater. 16/2014). Advanced Energy Materials, 2014, 4, .	19.5	5

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37	Engineered Nanoscale Singleâ€Metalâ€Oxides Catalytic Thin Films for Highâ€Performance Water Oxidation. Energy Technology, 2021, 9, 2000896.	3.8	5
38	Water Oxidation Electrocatalysts: Niâ€Based Electrocatalyst for Water Oxidation Developed Inâ€Situ in a HCO₃^{â˜}/CO₂ System at Nearâ€Neutral pH (Adv. Energy Mater. 9/2014). Advanced Energy Materials, 2014, 4, .	19.5	3