Noor-Ul-Ain Babar

List of Publications by Year
in descending order

17	532	949033 11	993246 17
papers	citations	h-index	g-index

17	17	17	626
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Direct Fabrication of Nanoscale NiVO_x Electrocatalysts over Nickel Foam for a High-Performance Oxygen Evolution Reaction. ACS Applied Energy Materials, 2022, 5, 4318-4328.	2.5	9
2	Electrocatalytic Investigations into a PdNi Nanostructured Alloy Supported over a Graphite Sheet toward Pt-like Hydrogen Evolution Activity. Energy & Fuels, 2022, 36, 5910-5919.	2.5	10
3	NiPd nano-alloy film as a promising low overpotential electrocatalyst for high activity water oxidation reaction. Journal of Environmental Chemical Engineering, 2022, 10, 107959.	3.3	11
4	Surface-assembled Fe-Oxide colloidal nanoparticles for high performance electrocatalytic water oxidation. International Journal of Hydrogen Energy, 2021, 46, 5207-5222.	3.8	14
5	Engineered Nanoscale Singleâ€Metalâ€Oxides Catalytic Thin Films for Highâ€Performance Water Oxidation. Energy Technology, 2021, 9, 2000896.	1.8	5
6	Thin-film iron-oxide nanobeads as bifunctional electrocatalyst for high activity overall water splitting. International Journal of Hydrogen Energy, 2021, 46, 7885-7902.	3.8	31
7	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.	2.5	16
8	Ultrathin CoTe nanoflakes electrode demonstrating low overpotential for overall water splitting. Fuel, 2020, 280, 118666.	3.4	49
9	Cobalt Colloid-derived Efficient and Durable Nanoscale Electrocatalytic Films for High-Activity Water Oxidation. ACS Omega, 2020, 5, 10651-10662.	1.6	6
10	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.	1.6	32
11	Spray-assembled nanoscale cobalt-oxide as highly efficient and durable bifunctional electrocatalyst for overall water splitting. Materials Today Energy, 2020, 17, 100434.	2.5	7
12	Highly Sensitive and Selective Detection of Arsenic Using Electrogenerated Nanotextured Gold Assemblage. ACS Omega, 2019, 4, 13645-13657.	1.6	71
13	Nobleâ€Metalâ€Free Colloidalâ€Copper Based Low Overpotential Water Oxidation Electrocatalyst. ChemCatChem, 2019, 11, 6022-6030.	1.8	22
14	Nanoscale palladium as a new benchmark electrocatalyst for water oxidation at low overpotential. Journal of Materials Chemistry A, 2019, 7, 9137-9144.	5.2	65
15	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.	5.2	87
16	Surface-assembled non-noble metal nanoscale Ni-colloidal thin-films as efficient electrocatalysts for water oxidation. RSC Advances, 2019, 9, 37274-37286.	1.7	16
17	Metal Nanoclusters: New Paradigm in Catalysis for Water Splitting, Solar and Chemical Energy Conversion. ChemSusChem, 2019, 12, 1517-1548.	3.6	81