

Pandiarajan Thangavel

List of Publications by Year in descending order

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11
papers

1,727
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1570
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Atoms and Clusters Based Nanomaterials for Hydrogen Evolution, Oxygen Evolution Reactions, and Full Water Splitting. <i>Advanced Energy Materials</i> , 2019, 9, 1900624.	19.5	538
2	High-Performance Hydrogen Evolution by Ru Single Atoms and Nitrided-Ru Nanoparticles Implanted on N-Doped Graphitic Sheet. <i>Advanced Energy Materials</i> , 2019, 9, 1900931.	19.5	224
3	Graphene-nanoplatelets-supported NiFe-MOF: high-efficiency and ultra-stable oxygen electrodes for sustained alkaline anion exchange membrane water electrolysis. <i>Energy and Environmental Science</i> , 2020, 13, 3447-3458.	30.8	197
4	Multi-heteroatom-doped carbon from waste-yeast biomass for sustained water splitting. <i>Nature Sustainability</i> , 2020, 3, 556-563.	23.7	186
5	Electrochemical integration of amorphous NiFe (oxy)hydroxides on surface-activated carbon fibers for high-efficiency oxygen evolution in alkaline anion exchange membrane water electrolysis. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14043-14051.	10.3	127
6	Immiscible bi-metal single-atoms driven synthesis of electrocatalysts having superb mass-activity and durability. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118896.	20.2	102
7	Crystalline-amorphous interface of mesoporous Ni ₂ P@FePO _x H _y for oxygen evolution at high current density in alkaline-anion-exchange-membrane water-electrolyzer. <i>Applied Catalysis B: Environmental</i> , 2022, 306, 121127.	20.2	90
8	Modulation of Cu and Rh single-atoms and nanoparticles for high-performance hydrogen evolution activity in acidic media. <i>Journal of Materials Chemistry A</i> , 2021, 9, 10326-10334.	10.3	70
9	Surface enrichment of iridium on IrCo alloys for boosting hydrogen production. <i>Journal of Materials Chemistry A</i> , 2021, 9, 16898-16905.	10.3	65
10	Bifunctional oxovanadate doped cobalt carbonate for high-efficient overall water splitting in alkaline-anion-exchange-membrane water-electrolyzer. <i>Chemical Engineering Journal</i> , 2022, 430, 132623.	12.7	58
11	Pt-like hydrogen evolution on a V ₂ O ₅ /Ni(OH) ₂ electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15794-15800.	10.3	31