

Ngoc Quang Tran

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

901
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#	ARTICLE	IF	CITATIONS
1	Amorphization of Metal Nanoparticles by 2D Twisted Polymer for Super Hydrogen Evolution Reaction. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	26
2	Efficient ammonia synthesis <i>via</i> electroreduction of nitrite using single-atom Ru-doped Cu nanowire arrays. <i>Chemical Communications</i> , 2022, 58, 5257-5260.	4.1	17
3	Efficient ambient ammonia synthesis by Lewis acid pair over cobalt single atom catalyst with suppressed proton reduction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 8432-8439.	10.3	11
4	Amorphization of Metal Nanoparticles by 2D Twisted Polymer for Super Hydrogen Evolution Reaction (<i>Adv. Energy Mater.</i> 16/2022). <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	0
5	Identifying the Activity Origin of a Cobalt Single-Atom Catalyst for Hydrogen Evolution Using Supervised Learning. <i>Advanced Functional Materials</i> , 2021, 31, 2100547.	14.9	93
6	Fabrication of tungsten oxide photoanode by doctor blade technique and investigation on its photocatalytic operation mechanism. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 22852-22863.	7.1	10
7	Covalently Bonded Ir(IV) on Conducted Blue TiO ₂ for Efficient Electrocatalytic Oxygen Evolution Reaction in Acid Media. <i>Catalysts</i> , 2021, 11, 1176.	3.5	3
8	Restructuring highly electron-deficient metal-metal oxides for boosting stability in acidic oxygen evolution reaction. <i>Nature Communications</i> , 2021, 12, 5676.	12.8	92
9	Layer-Dependent Band Structure of Ternary Metal Chalcogenides: Thickness-Controlled Hexagonal FeIn ₂ S ₄ . <i>Chemistry of Materials</i> , 2021, 33, 164-176.	6.7	10
10	Single-Metal-Atom Dopants Increase the Lewis Acidity of Metal Oxides and Promote Nitrogen Fixation. <i>ACS Energy Letters</i> , 2021, 6, 4299-4308.	17.4	46
11	Highly efficient nanostructured metal-decorated hybrid semiconductors for solar conversion of CO ₂ with almost complete CO selectivity. <i>Materials Today</i> , 2020, 35, 25-33.	14.2	44
12	Porosity-Engineering of MXene as a Support Material for a Highly Efficient Electrocatalyst toward Overall Water Splitting. <i>ChemSusChem</i> , 2020, 13, 945-955.	6.8	55
13	Frontispiece: Earth-Abundant Transition-Metal-Based Bifunctional Electrocatalysts for Overall Water Splitting in Alkaline Media. <i>Chemistry - A European Journal</i> , 2020, 26, .	3.3	0
14	Earth-Abundant Transition-Metal-Based Bifunctional Electrocatalysts for Overall Water Splitting in Alkaline Media. <i>Chemistry - A European Journal</i> , 2020, 26, 6423-6436.	3.3	66
15	Intertwined Titanium Carbide MXene within a 3D Tangled Polypyrrole Nanowires Matrix for Enhanced Supercapacitor Performances. <i>Chemistry - A European Journal</i> , 2019, 25, 1037-1043.	3.3	74
16	Synergistic Effects of Nitrogen Doping on MXene for Enhancement of Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16879-16888.	6.7	130
17	Low Iridium Content Confined inside a Co ₃ O ₄ Hollow Sphere for Superior Acidic Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16640-16650.	6.7	30
18	Anion-Cation Double Substitution in Transition Metal Dichalcogenide to Accelerate Water Dissociation Kinetic for Electrocatalysis. <i>Advanced Energy Materials</i> , 2018, 8, 1702139.	19.5	70

#	ARTICLE	IF	CITATIONS
19	An ultralight and flexible sodium titanate nanowire aerogel with superior sodium storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17495-17502.	10.3	12
20	Enrichment of Pyrrolic Nitrogen by Hole Defects in Nitrogen and Sulfur Co-doped Graphene Hydrogel for Flexible Supercapacitors. <i>ChemSusChem</i> , 2016, 9, 2261-2268.	6.8	93
21	Design of Advanced MnO/Ni-Gr 3D Walls through Polymer Cross-linking for High-performance Supercapacitor. <i>Chemistry - A European Journal</i> , 2016, 22, 1652-1657.	3.3	19