Ngoc Quang Tran

List of Publications by Year
in descending order

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21 papers	901 citations	623734 14 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	994 citing authors

#	Article	IF	Citations
1	Synergistic Effects of Nitrogen Doping on MXene for Enhancement of Hydrogen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2019, 7, 16879-16888.	6.7	130
2	Enrichment of Pyrrolic Nitrogen by Hole Defects in Nitrogen and Sulfur Coâ€Doped Graphene Hydrogel for Flexible Supercapacitors. ChemSusChem, 2016, 9, 2261-2268.	6.8	93
3	Identifying the Activity Origin of a Cobalt Singleâ€Atom Catalyst for Hydrogen Evolution Using Supervised Learning. Advanced Functional Materials, 2021, 31, 2100547.	14.9	93
4	Restructuring highly electron-deficient metal-metal oxides for boosting stability in acidic oxygen evolution reaction. Nature Communications, 2021, 12, 5676.	12.8	92
5	Intertwined Titanium Carbide MXene within a 3â€‰D Tangled Polypyrrole Nanowires Matrix for Enhanced Supercapacitor Performances. Chemistry - A European Journal, 2019, 25, 1037-1043.	3.3	74
6	Anionâ€“Cation Double Substitution in Transition Metal Dichalcogenide to Accelerate Water Dissociation Kinetic for Electrocatalysis. Advanced Energy Materials, 2018, 8, 1702139.	19.5	70
7	Earthâ€Abundant Transitionâ€Metalâ€Based Bifunctional Electrocatalysts for Overall Water Splitting in Alkaline Media. Chemistry - A European Journal, 2020, 26, 6423-6436.	3.3	66
8	Porosityâ€Engineering of MXene as a Support Material for a Highly Efficient Electrocatalyst toward Overall Water Splitting. ChemSusChem, 2020, 13, 945-955.	6.8	55
9	Single-Metal-Atom Dopants Increase the Lewis Acidity of Metal Oxides and Promote Nitrogen Fixation. ACS Energy Letters, 2021, 6, 4299-4308.	17.4	46
10	Highly efficient nanostructured metal-decorated hybrid semiconductors for solar conversion of CO2 with almost complete CO selectivity. Materials Today, 2020, 35, 25-33.	14.2	44
11	Low Iridium Content Confined inside a Co₃O₄ Hollow Sphere for Superior Acidic Water Oxidation. ACS Sustainable Chemistry and Engineering, 2019, 7, 16640-16650.	6.7	30
12	Amorphization of Metal Nanoparticles by 2D Twisted Polymer for Super Hydrogen Evolution Reaction. Advanced Energy Materials, 2022, 12, .	19.5	26
13	Design of Advanced MnO/Nâ€Gr 3D Walls through Polymer Crossâ€Linking for Highâ€Performance Supercapacitor. Chemistry - A European Journal, 2016, 22, 1652-1657.	3.3	19
14	Efficient ammonia synthesis via electroreduction of nitrite using single-atom Ru-doped Cu nanowire arrays. Chemical Communications, 2022, 58, 5257-5260.	4.1	17
15	An ultralight and flexible sodium titanate nanowire aerogel with superior sodium storage. Journal of Materials Chemistry A, 2018, 6, 17495-17502.	10.3	12
16	Efficient ambient ammonia synthesis by Lewis acid pair over cobalt single atom catalyst with suppressed proton reduction. Journal of Materials Chemistry A, 2022, 10, 8432-8439.	10.3	11
17	Fabrication of tungsten oxide photoanode by doctor blade technique and investigation on its photocatalytic operation mechanism. International Journal of Hydrogen Energy, 2021, 46, 22852-22863.	7.1	10
18	Layer-Dependent Band Structure of Ternary Metal Chalcogenides: Thickness-Controlled Hexagonal FeIn₂S₄. Chemistry of Materials, 2021, 33, 164-176.	6.7	10

#	Article	IF	Citations
19	Covalently Bonded Ir(IV) on Conducted Blue TiO2 for Efficient Electrocatalytic Oxygen Evolution Reaction in Acid Media. Catalysts, 2021, 11, 1176.	3.5	3
20	Frontispiece: Earthâ€Abundant Transitionâ€Metalâ€Based Bifunctional Electrocatalysts for Overall Water Splitting in Alkaline Media. Chemistry - A European Journal, 2020, 26, .	3.3	0
21	Amorphization of Metal Nanoparticles by 2D Twisted Polymer for Super Hydrogen Evolution Reaction (Adv. Energy Mater. 16/2022). Advanced Energy Materials, 2022, 12, .	19.5	0