

Truong-Giang Vo

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

344
citations

840119

11
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996533

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15
all docs

15
docs citations

15
times ranked

399
citing authors

#	ARTICLE	IF	CITATIONS
1	Operando mechanistic studies of selective oxidation of glycerol to dihydroxyacetone over amorphous cobalt oxide. <i>Applied Catalysis B: Environmental</i> , 2022, 300, 120723.	10.8	42
2	Earth-abundant manganese oxide nanoneedle as highly efficient electrocatalyst for selective glycerol electro-oxidation to dihydroxyacetone. <i>Journal of Catalysis</i> , 2021, 404, 139-148.	3.1	20
3	Highly efficient amorphous binary cobalt-cerium metal oxides for selective oxidation of 5-hydroxymethylfurfural to 2,5-diformylfuran. <i>Journal of Catalysis</i> , 2021, 404, 560-569.	3.1	22
4	Valence modulation on zinc-cobalt-vanadium layered double hydroxide nanosheet for accelerating BiVO ₄ photoelectrochemical water oxidation. <i>Journal of Catalysis</i> , 2020, 391, 336-345.	3.1	17
5	Engineering the surface wettability of a ceramic carbon electrode for improved hydrogen evolution performance of a molybdenum sulfide electrocatalyst. <i>Sustainable Energy and Fuels</i> , 2020, 4, 4018-4029.	2.5	5
6	Unveiling the crystallographic facet dependence of the photoelectrochemical glycerol oxidation on bismuth vanadate. <i>Applied Catalysis B: Environmental</i> , 2020, 278, 119303.	10.8	53
7	Anion-induced morphological regulation of cupric oxide nanostructures and their application as co-catalysts for solar water splitting. <i>Dalton Transactions</i> , 2020, 49, 1765-1775.	1.6	9
8	Highly conformal deposition of ultrathin cobalt acetate on a bismuth vanadate nanostructure for solar water splitting. <i>Catalysis Science and Technology</i> , 2019, 9, 4588-4597.	2.1	4
9	Converting glycerol aqueous solution to hydrogen energy and dihydroxyacetone by the BiVO ₄ photoelectrochemical cell. <i>Electrochimica Acta</i> , 2019, 322, 134725.	2.6	42
10	Controllable electrodeposition of binary metal films from deep eutectic solvent as an efficient and durable catalyst for the oxygen evolution reaction. <i>Dalton Transactions</i> , 2019, 48, 14748-14757.	1.6	17
11	Multifunctional ternary hydroxalate-like nanosheet arrays as an efficient co-catalyst for vastly improved water splitting performance on bismuth vanadate photoanode. <i>Journal of Catalysis</i> , 2019, 370, 1-10.	3.1	21
12	Novel hierarchical ferric phosphate/bismuth vanadate nanocactus for highly efficient and stable solar water splitting. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 657-666.	10.8	50
13	Turnip-inspired BiVO ₄ /CuSCN nanostructure with close to 100% suppression of surface recombination for solar water splitting. <i>Solar Energy Materials and Solar Cells</i> , 2018, 185, 415-424.	3.0	16
14	Unraveling the critical effects of the preoxidation process toward the morphological evolution and intrinsic properties of novel ZnCoMn trimetallic hydroxides. <i>Dalton Transactions</i> , 2018, 47, 12061-12065.	1.6	5
15	Solvent-engineering assisted synthesis and characterization of BiVO ₄ photoanode for boosting the efficiency of photoelectrochemical water splitting. <i>Solar Energy Materials and Solar Cells</i> , 2017, 166, 212-221.	3.0	21