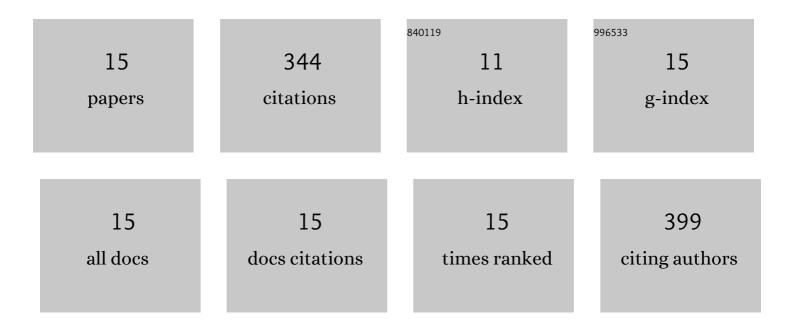
## **Truong-Giang Vo**

List of Publications by Year in descending order

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TPHONG-CHANC VO

#	Article	IF	CITATIONS
1	Unveiling the crystallographic facet dependence of the photoelectrochemical glycerol oxidation on bismuth vanadate. Applied Catalysis B: Environmental, 2020, 278, 119303.	10.8	53
2	Novel hierarchical ferric phosphate/bismuth vanadate nanocactus for highly efficient and stable solar water splitting. Applied Catalysis B: Environmental, 2019, 243, 657-666.	10.8	50
3	Converting glycerol aqueous solution to hydrogen energy and dihydroxyacetone by the BiVO4 photoelectrochemical cell. Electrochimica Acta, 2019, 322, 134725.	2.6	42
4	Operando mechanistic studies of selective oxidation of glycerol to dihydroxyacetone over amorphous cobalt oxide. Applied Catalysis B: Environmental, 2022, 300, 120723.	10.8	42
5	Highly efficient amorphous binary cobalt-cerium metal oxides for selective oxidation of 5-hydroxymethylfurfural to 2,5-diformylfuran. Journal of Catalysis, 2021, 404, 560-569.	3.1	22
6	Solvent-engineering assisted synthesis and characterization of BiVO4 photoanode for boosting the efficiency of photoelectrochemical water splitting. Solar Energy Materials and Solar Cells, 2017, 166, 212-221.	3.0	21
7	Multifunctional ternary hydrotalcite-like nanosheet arrays as an efficient co-catalyst for vastly improved water splitting performance on bismuth vanadate photoanode. Journal of Catalysis, 2019, 370, 1-10.	3.1	21
8	Earth-abundant manganese oxide nanoneedle as highly efficient electrocatalyst for selective glycerol electro-oxidation to dihydroxyacetone. Journal of Catalysis, 2021, 404, 139-148.	3.1	20
9	Controllable electrodeposition of binary metal films from deep eutectic solvent as an efficient and durable catalyst for the oxygen evolution reaction. Dalton Transactions, 2019, 48, 14748-14757.	1.6	17
10	Valence modulation on zinc-cobalt-vanadium layered double hydroxide nanosheet for accelerating BiVO4 photoelectrochemical water oxidation. Journal of Catalysis, 2020, 391, 336-345.	3.1	17
11	Turnip-inspired BiVO4/CuSCN nanostructure with close to 100% suppression of surface recombination for solar water splitting. Solar Energy Materials and Solar Cells, 2018, 185, 415-424.	3.0	16
12	Anion-induced morphological regulation of cupric oxide nanostructures and their application as co-catalysts for solar water splitting. Dalton Transactions, 2020, 49, 1765-1775.	1.6	9
13	Unraveling the critical effects of the preoxidation process toward the morphological evolution and intrinsic properties of novel ZnCoMn trimetallic hydroxides. Dalton Transactions, 2018, 47, 12061-12065.	1.6	5
14	Engineering the surface wettability of a ceramic carbon electrode for improved hydrogen evolution performance of a molybdenum sulfide electrocatalyst. Sustainable Energy and Fuels, 2020, 4, 4018-4029.	2.5	5
15	Highly conformal deposition of ultrathin cobalt acetate on a bismuth vanadate nanostructure for solar water splitting. Catalysis Science and Technology, 2019, 9, 4588-4597.	2.1	4