

# Hyun Joon Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12123166/publications.pdf>

Version: 2024-02-01

10  
papers

1,436  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

2364  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphate Doping into Monoclinic BiVO <sub>4</sub> for Enhanced Photoelectrochemical Water Oxidation Activity. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3147-3151.	13.8	435
2	Photocatalytic and Photoelectrochemical Water Oxidation over Metal-Doped Monoclinic BiVO <sub>4</sub> Photoanodes. <i>ChemSusChem</i> , 2012, 5, 1926-1934.	6.8	311
3	Phase transition-induced band edge engineering of BiVO <sub>4</sub> to split pure water under visible light. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13774-13778.	7.1	116
4	Improved Photoelectrochemical Activity of CaFe <sub>2</sub> O <sub>4</sub> /BiVO <sub>4</sub> Heterojunction Photoanode by Reduced Surface Recombination in Solar Water Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 17762-17769.	8.0	114
5	Carbonate-coordinated cobalt co-catalyzed BiVO <sub>4</sub> /WO <sub>3</sub> composite photoanode tailored for CO <sub>2</sub> reduction to fuels. <i>Nano Energy</i> , 2015, 15, 153-163.	16.0	113
6	A versatile photoanode-driven photoelectrochemical system for conversion of CO <sub>2</sub> to fuels with high faradaic efficiencies at low bias potentials. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2044.	10.3	85
7	Palladium oxide as a novel oxygen evolution catalyst on BiVO <sub>4</sub> photoanode for photoelectrochemical water splitting. <i>Journal of Catalysis</i> , 2014, 317, 126-134.	6.2	65
8	All-in-one synthesis of mesoporous silicon nanosheets from natural clay and their applicability to hydrogen evolution. <i>NPG Asia Materials</i> , 2016, 8, e248-e248.	7.9	56
9	Solution-based fabrication of ZnO/ZnSe heterostructure nanowire arrays for solar energy conversion. <i>Journal of Materials Chemistry</i> , 2011, 21, 17816.	6.7	40
10	NiFeO <sub>x</sub> -co-catalyzed BiVO <sub>4</sub> photoanode for improved photoelectrochemical water splitting. <i>Rapid Communication in Photoscience</i> , 2014, 3, 35-37.	0.1	2