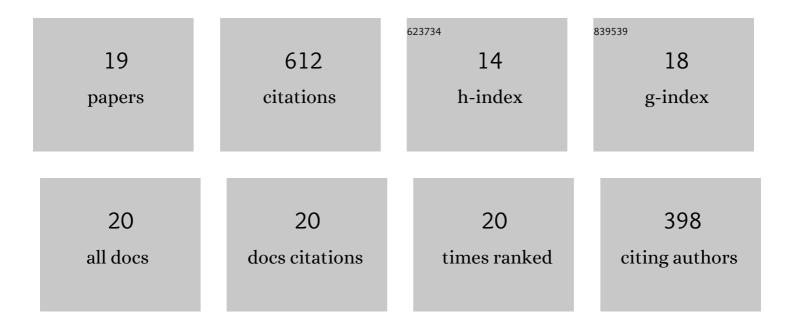
Jin Wook Yang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Visible Light Driven Ultrasensitive and Selective NO ₂ Detection in Tin Oxide Nanoparticles with Sulfur Doping Assisted by <scp>l</scp> â€Cysteine. Small, 2022, 18, e2106613.	10.0	14
2	Surfaceâ€Tailored Medium Entropy Alloys as Radically Low Overpotential Oxygen Evolution Electrocatalysts. Small, 2022, 18, e2105611.	10.0	36
3	Controlled Band Offsets in Ultrathin Hematite for Enhancing the Photoelectrochemical Water Splitting Performance of Heterostructured Photoanodes. ACS Applied Materials & Interfaces, 2022, 14, 7788-7795.	8.0	35
4	Crystal Facet Engineering of TiO2 Nanostructures for Enhancing Photoelectrochemical Water Splitting with BiVO4 Nanodots. Nano-Micro Letters, 2022, 14, 48.	27.0	44
5	Interfacial Engineering of In2O3/In2S3 Heterojunction Photoanodes for Photoelectrochemical Water Oxidation. Electronic Materials Letters, 2022, 18, 391-399.	2.2	6
6	Multifunctional nano-heterogeneous Ni(OH)2/NiFe catalysts on silicon photoanode toward efficient water and urea oxidation. Applied Catalysis B: Environmental, 2022, 317, 121765.	20.2	28
7	Grain Boundaries Boost Oxygen Evolution Reaction in NiFe Electrocatalysts. Small Methods, 2021, 5, 2000755.	8.6	22
8	Substantially improved room temperature NO ₂ sensing in 2-dimensional SnS ₂ nanoflowers enabled by visible light illumination. Journal of Materials Chemistry A, 2021, 9, 11168-11178.	10.3	75
9	Direct Synthesis of Molybdenum Phosphide Nanorods on Silicon Using Graphene at the Heterointerface for Efficient Photoelectrochemical Water Reduction. Nano-Micro Letters, 2021, 13, 81.	27.0	20
10	Surface-tailored graphene channels. Npj 2D Materials and Applications, 2021, 5, .	7.9	12
11	Crucial role of heterostructures in highly advanced water splitting photoelectrodes. Current Opinion in Green and Sustainable Chemistry, 2021, 29, 100454.	5.9	16
12	Boosting Unassisted Alkaline Solar Water Splitting Using Silicon Photocathode with TiO ₂ Nanorods Decorated by Edgeâ€Rich MoS ₂ Nanoplates. Small, 2021, 17, e2103457.	10.0	35
13	Near-complete charge separation in tailored BiVO4-based heterostructure photoanodes toward artificial leaf. Applied Catalysis B: Environmental, 2021, 293, 120217.	20.2	57
14	Crystal Facetâ€Controlled Efficient SnS Photocathodes for High Performance Biasâ€Free Solar Water Splitting. Advanced Science, 2021, 8, e2102458.	11.2	17
15	Hydrothermally obtained type-â; heterojunction nanostructures of In2S3 / TiO2 for remarkably enhanced photoelectrochemical water splitting. Applied Catalysis B: Environmental, 2021, 295, 120276.	20.2	89
16	Boosting Unassisted Alkaline Solar Water Splitting Using Silicon Photocathode with TiO ₂ Nanorods Decorated by Edgeâ€Rich MoS ₂ Nanoplates (Small 39/2021). Small, 2021, 17, 2170206.	10.0	1
17	Nanoscale electrodeposition: Dimension control and 3D conformality. Exploration, 2021, 1, .	11.0	46
	Si-Based Water Ovidation Photoanodes Conjugated with Farth-Abundant Transition Metal-Based		

#	Article	IF	CITATIONS
19	Electrodeposited Heterogeneous Nickel-Based Catalysts on Silicon for Efficient Sunlight-Assisted Water Splitting. Cell Reports Physical Science, 2020, 1, 100219.	5.6	23