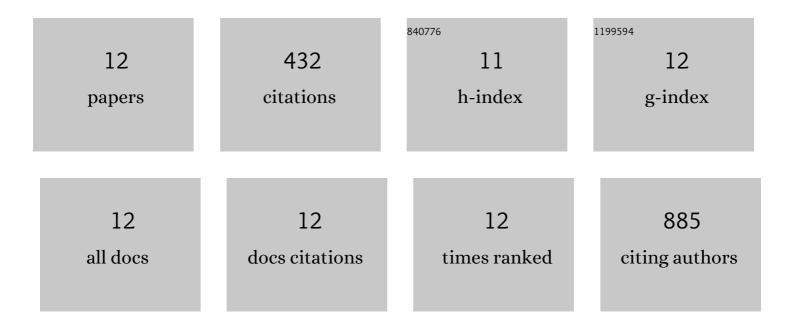
## Donghwan Yoon

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Facet-controlled hollow Rh <sub>2</sub> S <sub>3</sub> hexagonal nanoprisms as highly active and structurally robust catalysts toward hydrogen evolution reaction. Energy and Environmental Science, 2016, 9, 850-856.	30.8	118
2	Cactusâ€Like Hollow Cu <sub>2â€</sub> <i><sub>x</sub></i> S@Ru Nanoplates as Excellent and Robust Electrocatalysts for the Alkaline Hydrogen Evolution Reaction. Small, 2017, 13, 1700052.	10.0	86
3	RhCu 3D Nanoframe as a Highly Active Electrocatalyst for Oxygen Evolution Reaction under Alkaline Condition. Advanced Science, 2016, 3, 1500252.	11.2	48
4	One pot synthesis of octahedral {111} CuIr gradient alloy nanocrystals with a Cu-rich core and an Ir-rich surface and their usage as efficient water splitting catalyst. CrystEngComm, 2015, 17, 6843-6847.	2.6	37
5	Scalable synthesis of djurleite copper sulphide (Cu <sub>1.94</sub> S) hexagonal nanoplates from a single precursor copper thiocyanate and their photothermal properties. CrystEngComm, 2015, 17, 4627-4631.	2.6	36
6	Morphological evolution of 2D Rh nanoplates to 3D Rh concave nanotents, hierarchically stacked nanoframes, and hierarchical dendrites. Nanoscale, 2015, 7, 3460-3465.	5.6	22
7	One pot synthesis of hollow Cu-doped Ru octahedral nanocages via an in situ generated metastable Cu nanoparticle template. Nanoscale, 2014, 6, 12397-12402.	5.6	21
8	Formation of double layer hollow nanostars of Pd/Culr by utilizing a Kirkendall effect and a facile Cu atom movement along twinning boundaries and their usage as efficient water splitting catalysts. CrystEngComm, 2015, 17, 4084-4088.	2.6	18
9	Plasmon Enhanced Direct Bandgap Emissions in Cu <sub>7</sub> S <sub>4</sub> @Au <sub>2</sub> S@Au Nanorings. Small, 2016, 12, 5728-5733.	10.0	16
10	Formation of a Cu@RhRu core–shell concave nanooctahedron via Ru-assisted extraction of Rh from the Cu matrix and its excellent electrocatalytic activity toward the oxygen evolution reaction. Nanoscale, 2015, 7, 15065-15069.	5.6	14
11	Synthesis of size-controlled PtCu@Ru nanorattles via Pt seed-assisted formation of size-controlled removable Cu template. CrystEngComm, 2015, 17, 6852-6856.	2.6	13
12	One step synthesis of hierarchical dendritic Pt nanostructures with a concave Pt octahedron building unit via simultaneous vertex growth and facet etching. CrystEngComm, 2015, 17, 6848-6851.	2.6	3