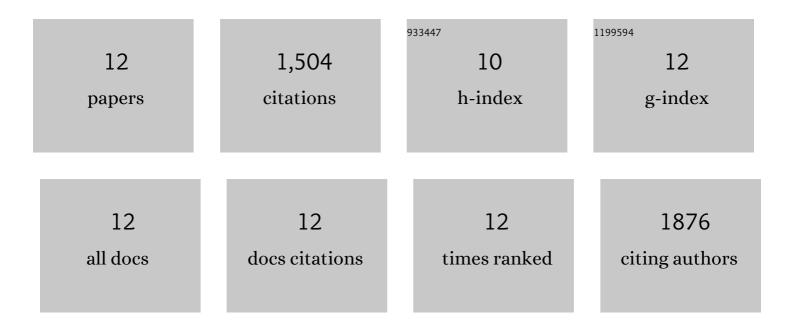
Dong-Hyung Kim

List of Publications by Year in descending order

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DONG-HYUNG KIM

#	Article	IF	CITATIONS
1	Ampere-hour-scale zinc–air pouch cells. Nature Energy, 2021, 6, 592-604.	39.5	149
2	Heuristic Iron–Cobalt-Mediated Robust pH-Universal Oxygen Bifunctional Lusters for Reversible Aqueous and Flexible Solid-State Zn–Air Cells. ACS Nano, 2021, 15, 14683-14696.	14.6	51
3	In-situ reconstructed Ru atom array on α-MnO2 with enhanced performance for acidic water oxidation. Nature Catalysis, 2021, 4, 1012-1023.	34.4	324
4	2D-organic framework confined metal single atoms with the loading reaching the theoretical limit. Materials Horizons, 2020, 7, 2726-2733.	12.2	26
5	Bipolar Energetics and Bifunctional Catalytic Activity of a Nanocrystalline Ru Thin-Film Enable High-Performance Photoelectrochemical Water Reduction and Oxidation. ACS Applied Materials & Interfaces, 2020, 12, 16402-16410.	8.0	2
6	Seebeck-voltage-triggered self-biased photoelectrochemical water splitting using HfOx/SiOx bi-layer protected Si photocathodes. Scientific Reports, 2019, 9, 9132.	3.3	14
7	Unveiling dual-linkage 3D hexaiminobenzene metal–organic frameworks towards long-lasting advanced reversible Zn–air batteries. Energy and Environmental Science, 2019, 12, 727-738.	30.8	300
8	Long-Life Rechargeable Zn Air Battery Based on Binary Metal Carbide Armored by Nitrogen-Doped Carbon. ACS Applied Energy Materials, 2019, 2, 1747-1755.	5.1	53
9	A semiconductor junction photoelectrochemical device without a depletion region. Nanoscale, 2019, 11, 23013-23020.	5.6	2
10	Hierarchically Designed 3D Holey C ₂ N Aerogels as Bifunctional Oxygen Electrodes for Flexible and Rechargeable Zn-Air Batteries. ACS Nano, 2018, 12, 596-608.	14.6	159
11	Solidâ€State Rechargeable Zinc–Air Battery with Long Shelf Life Based on Nanoengineered Polymer Electrolyte. ChemSusChem, 2018, 11, 3215-3224.	6.8	55
12	Scalable 3-D Carbon Nitride Sponge as an Efficient Metal-Free Bifunctional Oxygen Electrocatalyst for Rechargeable Zn–Air Batteries. ACS Nano, 2017, 11, 347-357.	14.6	369