Jan Kosco

List of Publications by Year
in descending order

11 papers	1,291 citations	840776 11 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	1383 citing authors

#	Article	IF	Citations
1	Enhanced photocatalytic hydrogen evolution from organic semiconductor heterojunction nanoparticles. Nature Materials, 2020, 19, 559-565.	27.5	366
2	The Bulk Heterojunction in Organic Photovoltaic, Photodetector, and Photocatalytic Applications. Advanced Materials, 2020, 32, e2001763.	21.0	168
3	Generation of long-lived charges in organic semiconductor heterojunction nanoparticles for efficient photocatalytic hydrogen evolution. Nature Energy, 2022, 7, 340-351.	39.5	164
4	The Effect of Residual Palladium Catalyst Contamination on the Photocatalytic Hydrogen Evolution Activity of Conjugated Polymers. Advanced Energy Materials, 2018, 8, 1802181.	19.5	138
5	Tracking Charge Transfer to Residual Metal Clusters in Conjugated Polymers for Photocatalytic Hydrogen Evolution. Journal of the American Chemical Society, 2020, 142, 14574-14587.	13.7	118
6	Photocatalysts Based on Organic Semiconductors with Tunable Energy Levels for Solar Fuel Applications. Advanced Energy Materials, 2020, 10, 2001935.	19.5	92
7	Regiochemistry-Driven Organic Electrochemical Transistor Performance Enhancement in Ethylene Glycol-Functionalized Polythiophenes. Journal of the American Chemical Society, 2021, 143, 11007-11018.	13.7	74
8	Residual Pd Enables Photocatalytic H₂ Evolution from Conjugated Polymers. ACS Energy Letters, 2018, 3, 2846-2850.	17.4	52
9	Impact of Nonfullerene Acceptor Side Chain Variation on Transistor Mobility. Advanced Electronic Materials, 2019, 5, 1900344.	5.1	45
10	A universal solution processed interfacial bilayer enabling ohmic contact in organic and hybrid optoelectronic devices. Energy and Environmental Science, 2020, 13, 268-276.	30.8	40
11	Oligoethylene Glycol Side Chains Increase Charge Generation in Organic Semiconductor Nanoparticles for Enhanced Photocatalytic Hydrogen Evolution. Advanced Materials, 2022, 34, e2105007.	21.0	33