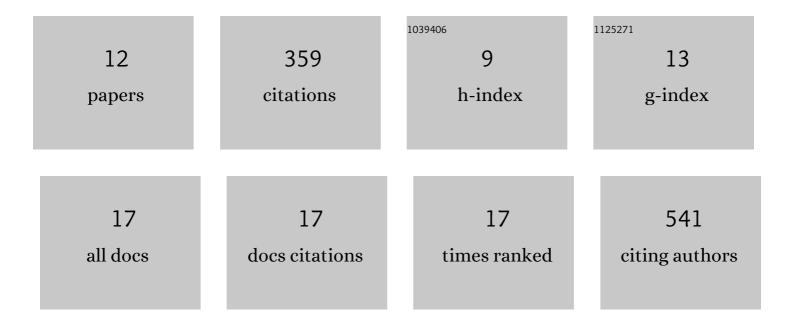
Moritz Kölbach

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	pH-Dependent Stability of α-SnWO ₄ Photoelectrodes. Chemistry of Materials, 2022, 34, 1590-1598.	3.2	8
2	Efficiency gains for thermally coupled solar hydrogen production in extreme cold. Energy and Environmental Science, 2021, 14, 4410-4417.	15.6	8
3	Interfacial Oxide Formation Limits the Photovoltage of α‣nWO ₄ /NiO <i>_x</i> Photoanodes Prepared by Pulsed Laser Deposition. Advanced Energy Materials, 2021, 11, 2003183.	10.2	23
4	BaZrS ₃ Chalcogenide Perovskite Thin Films by H ₂ S Sulfurization of Oxide Precursors. Journal of Physical Chemistry Letters, 2021, 12, 2148-2153.	2.1	46
5	Extraction of mobile charge carrier photogeneration yield spectrum of ultrathin-film metal oxide photoanodes for solar water splitting. Nature Materials, 2021, 20, 833-840.	13.3	32
6	Counterbalancing light absorption and ionic transport losses in the electrolyte for integrated solar water splitting with III–V/Si dual-junctions. Applied Physics Letters, 2021, 119, .	1.5	3
7	Different Photostability of BiVO ₄ in Near-pH-Neutral Electrolytes. ACS Applied Energy Materials, 2020, 3, 9523-9527.	2.5	41
8	Pulsed Laser Deposited Fe2TiO5 Photoanodes for Photoelectrochemical Water Oxidation. Journal of Physical Chemistry C, 2020, 124, 19911-19921.	1.5	11
9	Elucidating the Pulsed Laser Deposition Process of BiVO ₄ Photoelectrodes for Solar Water Splitting. Journal of Physical Chemistry C, 2020, 124, 4438-4447.	1.5	35
10	Grain Boundaries Limit the Charge Carrier Transport in Pulsed Laser Deposited α-SnWO4 Thin Film Photoabsorbers. ACS Applied Energy Materials, 2020, 3, 4320-4330.	2.5	28
11	Revealing the Performance-Limiting Factors in α-SnWO ₄ Photoanodes for Solar Water Splitting. Chemistry of Materials, 2018, 30, 8322-8331.	3.2	58
12	Evaluation of electrodeposited α-Mn 2 O 3 as a catalyst for the oxygen evolution reaction. Catalysis Todav, 2017, 290, 2-9.	2.2	65