

# Yannick Hermans

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5732898/publications.pdf>

Version: 2024-02-01

14  
papers

577  
citations

1162367

8  
h-index

1199166

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

986  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemistry of InP Nanocrystal Syntheses. Chemistry of Materials, 2016, 28, 2491-2506.	3.2	301
2	Analysis of the interfacial characteristics of BiVO <sub>4</sub> /metal oxide heterostructures and its implication on their junction properties. Physical Chemistry Chemical Physics, 2019, 21, 5086-5096.	1.3	56
3	Probing CO <sub>2</sub> Reduction Pathways for Copper Catalysis Using an Ionic Liquid as a Chemical Trapping Agent. Angewandte Chemie - International Edition, 2020, 59, 18095-18102.	7.2	56
4	Energy-Band Alignment of BiVO <sub>4</sub> from Photoelectron Spectroscopy of Solid-State Interfaces. Journal of Physical Chemistry C, 2018, 122, 20861-20870.	1.5	38
5	Pinning of the Fermi Level in CuFeO <sub>2</sub> by Polaron Formation Limiting the Photovoltage for Photochemical Water Splitting. Advanced Functional Materials, 2020, 30, 1910432.	7.8	38
6	Nanoscale Hybrid Amorphous/Graphitic Carbon as Key Towards Next-Generation Carbon-Based Oxidative Dehydrogenation Catalysts. Angewandte Chemie - International Edition, 2021, 60, 5898-5906.	7.2	37
7	BiVO <sub>4</sub> Surface Reduction upon Water Exposure. ACS Energy Letters, 2019, 4, 2522-2528.	8.8	19
8	Sunlight Selective Photodeposition of CoO <sub>x</sub> (OH) <sub>y</sub> and NiO <sub>x</sub> (OH) <sub>y</sub> on Truncated Bipyramidal BiVO <sub>4</sub> for Highly Efficient Photocatalysis. ACS Applied Materials & Interfaces, 2020, 12, 53910-53920.	4.0	16
9	Probing CO <sub>2</sub> Reduction Pathways for Copper Catalysis Using an Ionic Liquid as a Chemical Trapping Agent. Angewandte Chemie, 2020, 132, 18251-18258.	1.6	6
10	Origin of Surface Reduction upon Water Adsorption on Oriented NiO Thin Films and Its Relation to Electrochemical Activity. Journal of Physical Chemistry C, 2022, 126, 1303-1315.	1.5	6
11	Nanoskaliger hybrider amorph/graphitischer Kohlenstoff als Schlüssel zur nächsten Generation von kohlenstoffbasierten Katalysatoren für oxidative Dehydrierungen. Angewandte Chemie, 2021, 133, 5962-5971.	1.6	3
12	Reactive Dual Magnetron Sputtering: A Fast Method for Preparing Stoichiometric Microcrystalline ZnWO <sub>4</sub> Thin Films. Surfaces, 2021, 4, 106-114.	1.0	1
13	Innentitelbild: Probing CO <sub>2</sub> Reduction Pathways for Copper Catalysis Using an Ionic Liquid as a Chemical Trapping Agent (Angew. Chem. 41/2020). Angewandte Chemie, 2020, 132, 18431-18431.	1.6	0
14	Innentitelbild: Nanoskaliger hybrider amorph/graphitischer Kohlenstoff als Schlüssel zur nächsten Generation von kohlenstoffbasierten Katalysatoren für oxidative Dehydrierungen (Angew. Chem.)	1.6	0