Yannick Hermans

List of Publications by Year
in descending order

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

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14	577	1162367 8	1199166 12
papers	citations	h-index	g-index

17	17	17	986
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Nanoscale Hybrid Amorphous/Graphitic Carbon as Key Towards Nextâ€Generation Carbonâ€Based Oxidative Dehydrogenation Catalysts. Angewandte Chemie - International Edition, 2021, 60, 5898-5906.	7.2	37
3	Innentitelbild: Nanoskaliger hybrider amorph/graphitischer Kohlenstoff als SchlÃ¼ssel zur nÃchsten Generation von kohlenstoffbasierten Katalysatoren fÃ¼r oxidative Dehydrierungen (Angew. Chem.) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	0
4	Reactive Dual Magnetron Sputtering: A Fast Method for Preparing Stoichiometric Microcrystalline ZnWO4 Thin Films. Surfaces, 2021, 4, 106-114.	1.0	1
5	Nanoskaliger hybrider amorph/graphitischer Kohlenstoff als SchlÃ¼ssel zur nÃchsten Generation von kohlenstoffbasierten Katalysatoren fÃ¼r oxidative Dehydrierungen. Angewandte Chemie, 2021, 133, 5962-5971.	1.6	3
6	Probing CO₂ 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
7	Sunlight Selective Photodeposition of CoO_x(OH)_y and NiO_x(OH)_y on Truncated Bipyramidal BiVO₄ for Highly Efficient Photocatalysis. ACS Applied Materials & Interfaces, 2020, 12, 53910-53920.	4.0	16
8	Probing CO 2 Reduction Pathways for Copper Catalysis Using an Ionic Liquid as a Chemical Trapping Agent. Angewandte Chemie, 2020, 132, 18251-18258.	1.6	6
9	InnenrÃ¼cktitelbild: Probing CO₂ 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
10	Pinning of the Fermi Level in CuFeO₂ by Polaron Formation Limiting the Photovoltage for Photochemical Water Splitting. Advanced Functional Materials, 2020, 30, 1910432.	7.8	38
11	BiVO₄ Surface Reduction upon Water Exposure. ACS Energy Letters, 2019, 4, 2522-2528.	8.8	19
12	Analysis of the interfacial characteristics of BiVO₄/metal oxide heterostructures and its implication on their junction properties. Physical Chemistry Chemical Physics, 2019, 21, 5086-5096.	1.3	56
13	Energy-Band Alignment of BiVO₄ from Photoelectron Spectroscopy of Solid-State Interfaces. Journal of Physical Chemistry C, 2018, 122, 20861-20870.	1.5	38
14	Chemistry of InP Nanocrystal Syntheses. Chemistry of Materials, 2016, 28, 2491-2506.	3.2	301