Annemarie Huijser

List of Publications by Year
in descending order

34 papers	1,032 citations	394421 19 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	1581 citing authors

#	Article	IF	Citations
1	Dual Role of Surface Hydroxyl Groups in the Photodynamics and Performance of NiO-Based Photocathodes. Journal of the American Chemical Society, 2022, 144, 11010-11018.	13.7	15
2	Ultrafast Photoinduced Heat Generation by Plasmonic HfN Nanoparticles. Advanced Optical Materials, 2021, 9, 2100510.	7.3	14
3	Unraveling the Mechanisms of Beneficial Cu-Doping of NiO-Based Photocathodes. Journal of Physical Chemistry C, 2021, 125, 16049-16058.	3.1	16
4	Silver Nanocubes Coated in Ceria: Core/Shell Size Effects on Light-Induced Charge Transfer. ACS Applied Materials & Interfaces, 2020, 12, 1905-1912.	8.0	9
5	Time-Dependent Photoluminescence of Nanostructured Anatase TiO₂ and the Role of Bulk and Surface Processes. Journal of Physical Chemistry C, 2019, 123, 26653-26661.	3.1	46
6	Hydrogenâ€Generating Ru/Pt Bimetallic Photocatalysts Based on Phenylâ€Phenanthroline Peripheral Ligands. ChemPhysChem, 2018, 19, 3084-3091.	2.1	7
7	Shedding Light on the Nature of Photoinduced States Formed in a Hydrogen-Generating Supramolecular RuPt Photocatalyst by Ultrafast Spectroscopy. Journal of Physical Chemistry A, 2018, 122, 6396-6406.	2.5	8
8	Effect of Water Addition during Preparation on the Earlyâ€Time Photodynamics of CH₃NH₃PbI₃ Perovskite Layers. ChemPhysChem, 2017, 18, 3320-3324.	2.1	4
9	The Critical Role Played by the Catalytic Moiety in the Earlyâ€Time Photodynamics of Hydrogenâ€Generating Bimetallic Photocatalysts. ChemPhysChem, 2016, 17, 2654-2659.	2.1	8
10	Peripheral ligands as electron storage reservoirs and their role in enhancement of photocatalytic hydrogen generation. Chemical Communications, 2016, 52, 9371-9374.	4.1	24
11	Subtle Changes to Peripheral Ligands Enable High Turnover Numbers for Photocatalytic Hydrogen Generation with Supramolecular Photocatalysts. Inorganic Chemistry, 2016, 55, 2685-2690.	4.0	38
12	Supramolecular bimetallic assemblies for photocatalytic hydrogen generation from water. Faraday Discussions, 2015, 185, 143-170.	3.2	35
13	Superior Photoprotective Motifs and Mechanisms in Eumelanins Uncovered. Journal of the American Chemical Society, 2014, 136, 11626-11635.	13.7	85
14	Directionality of Ultrafast Electron Transfer in a Hydrogen Evolving Ruâ€"Pd-Based Photocatalyst. Journal of Physical Chemistry C, 2014, 118, 20799-20806.	3.1	24
15	Active and passive control of zinc phthalocyanine photodynamics. Faraday Discussions, 2013, 163, 433.	3.2	11
16	Excited-State Proton-Transfer Processes of DHICA Resolved: From Sub-Picoseconds to Nanoseconds. Journal of Physical Chemistry Letters, 2013, 4, 1383-1388.	4.6	37
17	Impact of the Anchoring Ligand on Electron Injection and Recombination Dynamics at the Interface of Novel Asymmetric Pushâ€"Pull Zinc Phthalocyanines and TiO₂. Journal of Physical Chemistry C, 2013, 117, 25397-25404.	3.1	18
18	Manipulating charge separation dynamics of zinc phthalocyanine based TiO<inf>2</inf> films through asymmetrical push-pull structures. , 2013, , .		0

#	Article	IF	Citations
19	Probing the origin of fluorescence quenching of a graphene-porphyrin hybrid material. EPJ Web of Conferences, 2013, 41, 04027.	0.3	0
20	Bottom-Up Approach to Eumelanin Photoprotection: Emission Dynamics in Parallel Sets of Water-Soluble 5,6-Dihydroxyindole-Based Model Systems. Journal of Physical Chemistry B, 2012, 116, 13151-13158.	2.6	36
21	Photophysics of indole-2-carboxylic acid in an aqueous environment studied by fluorescence spectroscopy in combination with ab initio calculations. Physical Chemistry Chemical Physics, 2012, 14, 2078.	2.8	12
22	Functionality of epidermal melanin pigments: current knowledge on UV-dissipative mechanisms and research perspectives. Physical Chemistry Chemical Physics, 2011, 13, 9119.	2.8	78
23	UVâ€Dissipation Mechanisms in the Eumelanin Building Block DHICA. ChemPhysChem, 2010, 11, 2424-2431.	2.1	33
24	Effects of molecular organization on exciton diffusion in thin films of bioinspired light-harvesting molecules. Journal of Materials Chemistry, 2009, 19, 6067.	6.7	47
25	Charge carrier dynamics in TiO2 nanoparticles at various temperatures. Chemical Physics Letters, 2008, 461, 93-96.	2.6	44
26	Efficient Exciton Transport in Layers of Self-Assembled Porphyrin Derivatives. Journal of the American Chemical Society, 2008, 130, 2485-2492.	13.7	71
27	The Mechanism of Long-Range Exciton Diffusion in a Nematically Organized Porphyrin Layer. Journal of the American Chemical Society, 2008, 130, 12496-12500.	13.7	37
28	An experimental study on the molecular organization and exciton diffusion in a bilayer of a porphyrin and poly(3-hexylthiophene). Journal of Applied Physics, 2008, 104, 034505.	2.5	28
29	Effect of the Particle Size on the Electron Injection Efficiency in Dye-Sensitized Nanocrystalline TiO2Films Studied by Time-Resolved Microwave Conductivity (TRMC) Measurements. Journal of Physical Chemistry C, 2007, 111, 10741-10746.	3.1	87
30	Photosensitization of TiO₂ and SnO₂ by Artificial Self-Assembling Mimics of the Natural Chlorosomal Bacteriochlorophylls. Journal of Physical Chemistry C, 2007, 111, 11726-11733.	3.1	57
31	Effect of the structure of substituents on charge separation in meso-tetraphenylporphyrin/TiO2 bilayers. Thin Solid Films, 2006, 511-512, 208-213.	1.8	8
32	Exciton Diffusion and Interfacial Charge Separation inmeso-Tetraphenylporphyrin/TiO2Bilayers:Â Effect of Ethyl Substituents. Journal of Physical Chemistry B, 2005, 109, 20166-20173.	2.6	56
33	MATERIALS FOR INTERMEDIATE-TEMPERATURE SOLID OXIDE FUEL CELLS AND FOR PROTON EXCHANGE MEMBRANE FUEL CELLS. Environmental Engineering and Management Journal, 2005, 4, 293-305.	0.6	1
34	UV Polymerization of Oligothiophenes and Their Application in Nanostructured Heterojunction Solar Cells. Macromolecules, 2004, 37, 5557-5564.	4.8	38