

Annemarie Huijser

List of Publications by Year in descending order

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34
papers

1,032
citations

394421

19
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414414

32
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35
all docs

35
docs citations

35
times ranked

1581
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of the Particle Size on the Electron Injection Efficiency in Dye-Sensitized Nanocrystalline TiO ₂ Films Studied by Time-Resolved Microwave Conductivity (TRMC) Measurements. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10741-10746.	3.1	87
2	Superior Photoprotective Motifs and Mechanisms in Eumelanins Uncovered. <i>Journal of the American Chemical Society</i> , 2014, 136, 11626-11635.	13.7	85
3	Functionality of epidermal melanin pigments: current knowledge on UV-dissipative mechanisms and research perspectives. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9119.	2.8	78
4	Efficient Exciton Transport in Layers of Self-Assembled Porphyrin Derivatives. <i>Journal of the American Chemical Society</i> , 2008, 130, 2485-2492.	13.7	71
5	Photosensitization of TiO ₂ and SnO ₂ by Artificial Self-Assembling Mimics of the Natural Chlorosomal Bacteriochlorophylls. <i>Journal of Physical Chemistry C</i> , 2007, 111, 11726-11733.	3.1	57
6	Exciton Diffusion and Interfacial Charge Separation in meso-Tetraphenylporphyrin/TiO ₂ Bilayers: A Effect of Ethyl Substituents. <i>Journal of Physical Chemistry B</i> , 2005, 109, 20166-20173.	2.6	56
7	Effects of molecular organization on exciton diffusion in thin films of bioinspired light-harvesting molecules. <i>Journal of Materials Chemistry</i> , 2009, 19, 6067.	6.7	47
8	Time-Dependent Photoluminescence of Nanostructured Anatase TiO ₂ and the Role of Bulk and Surface Processes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26653-26661.	3.1	46
9	Charge carrier dynamics in TiO ₂ nanoparticles at various temperatures. <i>Chemical Physics Letters</i> , 2008, 461, 93-96.	2.6	44
10	UV Polymerization of Oligothiophenes and Their Application in Nanostructured Heterojunction Solar Cells. <i>Macromolecules</i> , 2004, 37, 5557-5564.	4.8	38
11	Subtle Changes to Peripheral Ligands Enable High Turnover Numbers for Photocatalytic Hydrogen Generation with Supramolecular Photocatalysts. <i>Inorganic Chemistry</i> , 2016, 55, 2685-2690.	4.0	38
12	The Mechanism of Long-Range Exciton Diffusion in a Nematically Organized Porphyrin Layer. <i>Journal of the American Chemical Society</i> , 2008, 130, 12496-12500.	13.7	37
13	Excited-State Proton-Transfer Processes of DHICA Resolved: From Sub-Picoseconds to Nanoseconds. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1383-1388.	4.6	37
14	Bottom-Up Approach to Eumelanin Photoprotection: Emission Dynamics in Parallel Sets of Water-Soluble 5,6-Dihydroxyindole-Based Model Systems. <i>Journal of Physical Chemistry B</i> , 2012, 116, 13151-13158.	2.6	36
15	Supramolecular bimetallic assemblies for photocatalytic hydrogen generation from water. <i>Faraday Discussions</i> , 2015, 185, 143-170.	3.2	35
16	UV-Induced Dissipation Mechanisms in the Eumelanin Building Block DHICA. <i>ChemPhysChem</i> , 2010, 11, 2424-2431.	2.1	33
17	An experimental study on the molecular organization and exciton diffusion in a bilayer of a porphyrin and poly(3-hexylthiophene). <i>Journal of Applied Physics</i> , 2008, 104, 034505.	2.5	28
18	Directionality of Ultrafast Electron Transfer in a Hydrogen Evolving Ru-Pd-Based Photocatalyst. <i>Journal of Physical Chemistry C</i> , 2014, 118, 20799-20806.	3.1	24

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19	Peripheral ligands as electron storage reservoirs and their role in enhancement of photocatalytic hydrogen generation. <i>Chemical Communications</i> , 2016, 52, 9371-9374.	4.1	24
20	Impact of the Anchoring Ligand on Electron Injection and Recombination Dynamics at the Interface of Novel Asymmetric Push-Pull Zinc Phthalocyanines and TiO ₂ . <i>Journal of Physical Chemistry C</i> , 2013, 117, 25397-25404.	3.1	18
21	Unraveling the Mechanisms of Beneficial Cu-Doping of NiO-Based Photocathodes. <i>Journal of Physical Chemistry C</i> , 2021, 125, 16049-16058.	3.1	16
22	Dual Role of Surface Hydroxyl Groups in the Photodynamics and Performance of NiO-Based Photocathodes. <i>Journal of the American Chemical Society</i> , 2022, 144, 11010-11018.	13.7	15
23	Ultrafast Photoinduced Heat Generation by Plasmonic HfN Nanoparticles. <i>Advanced Optical Materials</i> , 2021, 9, 2100510.	7.3	14
24	Photophysics of indole-2-carboxylic acid in an aqueous environment studied by fluorescence spectroscopy in combination with ab initio calculations. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 2078.	2.8	12
25	Active and passive control of zinc phthalocyanine photodynamics. <i>Faraday Discussions</i> , 2013, 163, 433.	3.2	11
26	Silver Nanocubes Coated in Ceria: Core/Shell Size Effects on Light-Induced Charge Transfer. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1905-1912.	8.0	9
27	Effect of the structure of substituents on charge separation in meso-tetraphenylporphyrin/TiO ₂ bilayers. <i>Thin Solid Films</i> , 2006, 511-512, 208-213.	1.8	8
28	The Critical Role Played by the Catalytic Moiety in the Early-Time Photodynamics of Hydrogen-Generating Bimetallic Photocatalysts. <i>ChemPhysChem</i> , 2016, 17, 2654-2659.	2.1	8
29	Shedding Light on the Nature of Photoinduced States Formed in a Hydrogen-Generating Supramolecular RuPt Photocatalyst by Ultrafast Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6396-6406.	2.5	8
30	Hydrogen-Generating Ru/Pt Bimetallic Photocatalysts Based on Phenyl-Phenanthroline Peripheral Ligands. <i>ChemPhysChem</i> , 2018, 19, 3084-3091.	2.1	7
31	Effect of Water Addition during Preparation on the Early-Time Photodynamics of CH ₃ NH ₃ PbI ₃ Perovskite Layers. <i>ChemPhysChem</i> , 2017, 18, 3320-3324.	2.1	4
32	MATERIALS FOR INTERMEDIATE-TEMPERATURE SOLID OXIDE FUEL CELLS AND FOR PROTON EXCHANGE MEMBRANE FUEL CELLS. <i>Environmental Engineering and Management Journal</i> , 2005, 4, 293-305.	0.6	1
33	Manipulating charge separation dynamics of zinc phthalocyanine based TiO ₂ films through asymmetrical push-pull structures. , 2013, , .		0
34	Probing the origin of fluorescence quenching of a graphene-porphyrin hybrid material. <i>EPJ Web of Conferences</i> , 2013, 41, 04027.	0.3	0