

# Andrea Pannwitz

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

438  
citations

840776

11  
h-index

752698

20  
g-index

33  
all docs

33  
docs citations

33  
times ranked

657  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted isolation of photoactive pigments from mushrooms yielded a highly potent new photosensitizer: 7,7'-biphyscion. <i>Scientific Reports</i> , 2022, 12, 1108.	3.3	7
2	Editorial: Light-Assisted Molecular and Hybrid Systems for Artificial Photosynthesis. <i>Frontiers in Chemistry</i> , 2022, 10, 868373.	3.6	0
3	Trendbericht Physikalische Chemie 2022: Reaktionsdynamik lichtgetriebener Reaktionen. <i>Nachrichten Aus Der Chemie</i> , 2022, 70, 68-71.	0.0	0
4	Self-Assembled Liposomes Enhance Electron Transfer for Efficient Photocatalytic CO <sub>2</sub> Reduction. <i>Journal of the American Chemical Society</i> , 2022, 144, 9399-9412.	13.7	23
5	Comparative Evaluation of Light-Driven Catalysis: A Framework for Standardized Reporting of Data**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	32
6	Mimicking Photosystem I with a Transmembrane Light Harvester and Energy Transfer-Induced Photoreduction in Phospholipid Bilayers. <i>Chemistry - A European Journal</i> , 2021, 27, 3013-3018.	3.3	14
7	Roadmap towards solar fuel synthesis at the water interface of liposome membranes. <i>Chemical Society Reviews</i> , 2021, 50, 4833-4855.	38.1	48
8	Mimicking Photosystem I with a Transmembrane Light Harvester and Energy Transfer-Induced Photoreduction in Phospholipid Bilayers. <i>Chemistry - A European Journal</i> , 2021, 27, 2886-2886.	3.3	0
9	Recent Advances in Light Energy Conversion with Biomimetic Vesicle Membranes. <i>ChemBioChem</i> , 2021, 22, 3140-3147.	2.6	10
10	Shorter Alkyl Chains Enhance Molecular Diffusion and Electron Transfer Kinetics between Photosensitisers and Catalysts in CO <sub>2</sub> -Reducing Photocatalytic Liposomes. <i>Chemistry - A European Journal</i> , 2021, 27, 17203-17212.	3.3	23
11	Fluorogenic Bifunctional trans- $\alpha$ -Cyclooctenes as Efficient Tools for Investigating Click-Release Kinetics. <i>Chemistry - A European Journal</i> , 2020, 26, 9900-9904.	3.3	7
12	Recent advances in bioinspired proton-coupled electron transfer. <i>Dalton Transactions</i> , 2019, 48, 5861-5868.	3.3	24
13	Proton-coupled multi-electron transfer and its relevance for artificial photosynthesis and photoredox catalysis. <i>Chemical Communications</i> , 2019, 55, 4004-4014.	4.1	77
14	Controlling Second Coordination Sphere Effects in Luminescent Ruthenium Complexes by Means of External Pressure. <i>Chemistry - A European Journal</i> , 2018, 24, 7830-7833.	3.3	10
15	Chiral macrocyclic terpyridine complexes. <i>Chemical Science</i> , 2018, 9, 3837-3843.	7.4	17
16	Synthesis and Avidin Binding of Ruthenium Complexes Functionalized with a Light-Cleavable Free Biotin Moiety. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4107-4107.	2.0	2
17	Synthesis and Avidin Binding of Ruthenium Complexes Functionalized with a Light-Cleavable Free Biotin Moiety. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 4117-4124.	2.0	8
18	Backbone Immobilization of the Bis(bipyridyl)pyrazolate Diruthenium Catalyst for Electrochemical Water Oxidation. <i>ACS Catalysis</i> , 2017, 7, 2116-2125.	11.2	22

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19	Ruthenium(II)-Pyridylimidazole Complexes as Photoreductants and PCET Reagents. European Journal of Inorganic Chemistry, 2017, 2017, 609-615.	2.0	13
20	Streptavidin as a Scaffold for Light-Induced Long-Lived Charge Separation. Chemistry - A European Journal, 2017, 23, 18019-18024.	3.3	3
21	Photoinduced Electron Transfer Coupled to Donor Deprotonation and Acceptor Protonation in a Molecular Triad Mimicking Photosystem II. Journal of the American Chemical Society, 2017, 139, 13308-13311.	13.7	54
22	Basel Chemistry Symposium 2016 in Memory of Professor Jules Piccard. Chimia, 2017, 71, 246-247.	0.6	0
23	Proton coupled electron transfer from the excited state of a ruthenium(ii) pyridylimidazole complex. Physical Chemistry Chemical Physics, 2016, 18, 11374-11382.	2.8	32
24	Light-driven electron injection from a biotinylated triarylamine donor to [Ru(diimine) <sub>3</sub> ] <sup>2+</sup> -labeled streptavidin. Organic and Biomolecular Chemistry, 2016, 14, 7197-7201.	2.8	9
25	Basel Chemistry Christmas Symposium 2015. Chimia, 2016, 70, 295.	0.6	0
26	Basel Chemistry Symposium 2014 In Memory of Prof. T. Reichstein. Chimia, 2015, 69, 63-64.	0.6	0
27	Monosubstitution of 1H-imidazo[4,5-cf][1,10]phenanthroline Ligands yields Maximum Luminescence Quantum Yield in Ruthenium Polypyridyl Complexes. ChemPhotoChem, 0, , .	3.0	0
28	Vergleichende Evaluierung lichtgetriebener Katalyse: Ein Rahmenkonzept für das standardisierte Berichten von Daten**. Angewandte Chemie, 0, , .	2.0	0