Andrea Pannwitz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2218765/publications.pdf

Version: 2024-02-01

28	438	840776	752698
papers	citations	11 h-index	20 g-index

33	33	33	657
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Proton-coupled multi-electron transfer and its relevance for artificial photosynthesis and photoredox catalysis. Chemical Communications, 2019, 55, 4004-4014.	4.1	77
2	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
3	Roadmap towards solar fuel synthesis at the water interface of liposome membranes. Chemical Society Reviews, 2021, 50, 4833-4855.	38.1	48
4	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
5	Comparative Evaluation of Lightâ€Driven Catalysis: A Framework for Standardized Reporting of Data**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	32
6	Recent advances in bioinspired proton-coupled electron transfer. Dalton Transactions, 2019, 48, 5861-5868.	3.3	24
7	Shorter Alkyl Chains Enhance Molecular Diffusion and Electron Transfer Kinetics between Photosensitisers and Catalysts in CO₂â€Reducing Photocatalytic Liposomes. Chemistry - A European Journal, 2021, 27, 17203-17212.	3.3	23
8	Self-Assembled Liposomes Enhance Electron Transfer for Efficient Photocatalytic CO₂ Reduction. Journal of the American Chemical Society, 2022, 144, 9399-9412.	13.7	23
9	Backbone Immobilization of the Bis(bipyridyl)pyrazolate Diruthenium Catalyst for Electrochemical Water Oxidation. ACS Catalysis, 2017, 7, 2116-2125.	11.2	22
10	Chiral macrocyclic terpyridine complexes. Chemical Science, 2018, 9, 3837-3843.	7.4	17
11	Mimicking Photosystem I with a Transmembrane Light Harvester and Energy Transferâ€Induced Photoreduction in Phospholipid Bilayers. Chemistry - A European Journal, 2021, 27, 3013-3018.	3.3	14
12	Ruthenium(II)â€“Pyridylimidazole Complexes as Photoreductants and PCET Reagents. European Journal of Inorganic Chemistry, 2017, 2017, 609-615.	2.0	13
13	Controlling Second Coordination Sphere Effects in Luminescent Ruthenium Complexes by Means of External Pressure. Chemistry - A European Journal, 2018, 24, 7830-7833.	3.3	10
14	Recent Advances in Light Energy Conversion with Biomimetic Vesicle Membranes. ChemBioChem, 2021, 22, 3140-3147.	2.6	10
15	Light-driven electron injection from a biotinylated triarylamine donor to [Ru(diimine)₃]²⁺-labeled streptavidin. Organic and Biomolecular Chemistry, 2016, 14, 7197-7201.	2.8	9
16	Synthesis and Avidin Binding of Ruthenium Complexes Functionalized with a Lightâ€Cleavable Free Biotin Moiety. European Journal of Inorganic Chemistry, 2018, 2018, 4117-4124.	2.0	8
17	Fluorogenic Bifunctional trans â€Cyclooctenes as Efficient Tools for Investigating Clickâ€toâ€Release Kinetics. Chemistry - A European Journal, 2020, 26, 9900-9904.	3.3	7
18	Targeted isolation of photoactive pigments from mushrooms yielded a highly potent new photosensitizer: 7,7â€²-biphyscion. Scientific Reports, 2022, 12, 1108.	3.3	7

#	Article	IF	Citations
19	Streptavidin as a Scaffold for Lightâ€induced Longâ€Lived Charge Separation. Chemistry - A European Journal, 2017, 23, 18019-18024.	3.3	3
20	Synthesis and Avidin Binding of Ruthenium Complexes Functionalized with a Light-Cleavable Free Biotin Moiety. European Journal of Inorganic Chemistry, 2018, 2018, 4107-4107.	2.0	2
21	Basel Chemistry Symposium 2014 In Memory of Prof. T. Reichstein. Chimia, 2015, 69, 63-64.	0.6	0
22	Basel Chemistry Christmas Symposium 2015. Chimia, 2016, 70, 295.	0.6	0
23	Basel Chemistry Symposium 2016 in Memory of Professor Jules Piccard. Chimia, 2017, 71, 246-247.	0.6	0
24	Mimicking Photosystem I with a Transmembrane Light Harvester and Energy Transferâ€induced Photoreduction in Phospholipid Bilayers. Chemistry - A European Journal, 2021, 27, 2886-2886.	3.3	0
25	Editorial: Light-Assisted Molecular and Hybrid Systems for Artificial Photosynthesis. Frontiers in Chemistry, 2022, 10, 868373.	3.6	0
26	Monosubstitution of 1Hâ€imidazo[4,5â€f][1,10]phenanthroline Ligands yields Maximum Luminescence Quantum Yield in Ruthenium Polypyridyl Complexes. ChemPhotoChem, 0, , .	3.0	0
27	Trendbericht Physikalische Chemie 2022: Reaktionsdynamik lichtgetriebener Reaktionen. Nachrichten Aus Der Chemie, 2022, 70, 68-71.	0.0	0
28	Vergleichende Evaluierung lichtgetriebener Katalyse: Ein Rahmenkonzept fÃ¼r das standardisierte Berichten von Daten**. Angewandte Chemie, 0, , .	2.0	0