

# Carolin MÃ¼ller

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

282  
citations

933447

10  
h-index

940533

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

329  
citing authors

#	ARTICLE	IF	CITATIONS
1	[FeFe]-Hydrogenase H-cluster mimics mediated by naphthalene monoimide derivatives of peri-substituted dichalcogenides. Dalton Transactions, 2017, 46, 11180-11191.	3.3	43
2	Imaging the Rennerâ€“Teller effect using laser-induced electron diffraction. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8173-8177.	7.1	41
3	Active repair of a dinuclear photocatalyst for visible-light-driven hydrogen production. Nature Chemistry, 2022, 14, 500-506.	13.6	32
4	Outpacing conventional nicotinamide hydrogenation catalysis by a strongly communicating heterodinuclear photocatalyst. Nature Communications, 2022, 13, 2538.	12.8	21
5	Molecular Scylla and Charybdis: Maneuvering between pH Sensitivity and Excited-State Localization in Ruthenium Bi(benz)imidazole Complexes. Inorganic Chemistry, 2020, 59, 12097-12110.	4.0	19
6	KiMoPack: A python Package for Kinetic Modeling of the Chemical Mechanism. Journal of Physical Chemistry A, 2022, 126, 4087-4099.	2.5	19
7	Excited State Properties of Heteroleptic Cu(I) 4<i>H</i>-Imidazolates Complexes. Inorganic Chemistry, 2017, 56, 12978-12986.	4.0	16
8	Photophysics of Ruthenium(II) Complexes with Thiazole Ć-Extended Dipyridophenazine Ligands. Inorganic Chemistry, 2021, 60, 760-773.	4.0	16
9	Hydrogen Production at a NiO Photocathode Based on a Ruthenium Dyeâ€“Cobalt Diimine Dioxime Catalyst Assembly: Insights from Advanced Spectroscopy and Post-operando Characterization. ACS Applied Materials & Interfaces, 2021, 13, 49802-49815.	8.0	16
10	Role of MLCT States in the Franckâ€“Condon Region of Neutral, Heteroleptic Cu(I)â€“4<i>H</i>-imidazolates Complexes: A Spectroscopic and Theoretical Study. Journal of Physical Chemistry A, 2020, 124, 6607-6616.	2.5	13
11	Structure of Diethylâ€“Phosphonic Acid Anchoring Group Affects the Chargeâ€“Separated State on an Iridium(III) Complex Functionalized NiO Surface. ChemPhotoChem, 2020, 4, 618-629.	3.0	8
12	Influence of the Protonation State on the Excited-State Dynamics of Ruthenium(II) Complexes with Imidazole Ć-Extended Dipyridophenazine Ligands. Journal of Physical Chemistry A, 2021, 125, 5911-5921.	2.5	8
13	Multifunctional Polyoxometalate Platforms for Supramolecular Lightâ€“Driven Hydrogen Evolution**. Chemistry - A European Journal, 2021, 27, 16846-16852.	3.3	6
14	Influence of the Linker Chemistry on the Photoinduced Chargeâ€“Transfer Dynamics of Heteroâ€“dinuclear Photocatalysts. Chemistry - A European Journal, 2022, 28, .	3.3	6
15	Modulating the Excited-State Decay Pathways of Cu(I) 4<i>H</i>-Imidazolates Complexes by Excitation Wavelength and Ligand Backbone. Journal of Physical Chemistry B, 2021, 125, 11498-11511.	2.6	5
16	A Combined Spectroscopic and Theoretical Study on a Ruthenium Complex Featuring a Ć-Extended dppz Ligand for Lightâ€“Driven Accumulation of Multiple Reducing Equivalents. Chemistry - A European Journal, 2022, 28, e202103882.	3.3	5
17	The electron that breaks the catalyst's back â€“ excited state dynamics in intermediates of molecular photocatalysts. Physical Chemistry Chemical Physics, 2021, 23, 27397-27403.	2.8	4
18	Link to glow - iEDDA conjugation of a Ruthenium(II) tetrazine complex leading to dihydropyrazine and pyrazine complexes with improved 1O2 formation ability. Journal of Photochemistry and Photobiology, 2022, 11, 100130.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Dimethylaniline functionalised pyrene fluorophores; dual colour pH switching in solution and self-assembled monolayers. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 22440-22448.	2.8	1