

# Carolin MÃ¼ller

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5252224/publications.pdf>

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  | Active repair of a dinuclear photocatalyst for visible-light-driven hydrogen production. <i>Nature Chemistry</i> , 2022, 14, 500-506.   | 13.6 | 32        |
| 2  | A Combined Spectroscopic and Theoretical Study on a Ruthenium Complex Featuring a $\pi$ -Extended dppz Ligand for Light-Driven Accumulation of Multiple Reducing Equivalents. <i>Chemistry - A European Journal</i> , 2022, 28, e202103882.                 | 3.3  | 5         |
| 3  | Influence of the Linker Chemistry on the Photoinduced Charge-Transfer Dynamics of Heterodinuclear Photocatalysts. <i>Chemistry - A European Journal</i> , 2022, 28, .   | 3.3  | 6         |
| 4  | Outpacing conventional nicotinamide hydrogenation catalysis by a strongly communicating heterodinuclear photocatalyst. <i>Nature Communications</i> , 2022, 13, 2538.   | 12.8 | 21        |
| 5  | Link to glow - iEDDA conjugation of a Ruthenium(II) tetrazine complex leading to dihydropyrazine and pyrazine complexes with improved $\text{O}_2$ formation ability. <i>Journal of Photochemistry and Photobiology</i> , 2022, 11, 100130.                 | 2.5  | 3         |
| 6  | KiMoPack: A python Package for Kinetic Modeling of the Chemical Mechanism. <i>Journal of Physical Chemistry A</i> , 2022, 126, 4087-4099.   | 2.5  | 19        |
| 7  | Photophysics of Ruthenium(II) Complexes with Thiazole $\pi$ -Extended Dipyridophenazine Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 760-773.  | 4.0  | 16        |
| 8  | Influence of the Protonation State on the Excited-State Dynamics of Ruthenium(II) Complexes with Imidazole $\pi$ -Extended Dipyridophenazine Ligands. <i>Journal of Physical Chemistry A</i> , 2021, 125, 5911-5921.  | 2.5  | 8         |
| 9  | Hydrogen Production at a NiO Photocathode Based on a Ruthenium Dye-Cobalt Diimine Dioxime Catalyst Assembly: Insights from Advanced Spectroscopy and Post-operando Characterization. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 49802-49815. | 8.0  | 16        |
| 10 | Modulating the Excited-State Decay Pathways of Cu(I) $\pi$ -imidazolate Complexes by Excitation Wavelength and Ligand Backbone. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11498-11511.  | 2.6  | 5         |
| 11 | Multifunctional Polyoxometalate Platforms for Supramolecular Light-Driven Hydrogen Evolution**. <i>Chemistry - A European Journal</i> , 2021, 27, 16846-16852.  | 3.3  | 6         |
| 12 | The electron that breaks the catalyst's back $\pi$ excited state dynamics in intermediates of molecular photocatalysts. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 27397-27403.   | 2.8  | 4         |
| 13 | Role of MLCT States in the Franck-Condon Region of Neutral, Heteroleptic Cu(I) $\pi$ -imidazolate Complexes: A Spectroscopic and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2020, 124, 6607-6616.  | 2.5  | 13        |
| 14 | Molecular Scylla and Charybdis: Maneuvering between pH Sensitivity and Excited-State Localization in Ruthenium Bi(benz)imidazole Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 12097-12110.   | 4.0  | 19        |
| 15 | Structure of Diethylphosphonic Acid Anchoring Group Affects the Charge-Separated State on an Iridium(III) Complex Functionalized NiO Surface. <i>ChemPhotoChem</i> , 2020, 4, 618-629.  | 3.0  | 8         |
| 16 | Imaging the Renner-Teller effect using laser-induced electron diffraction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8173-8177.   | 7.1  | 41        |
| 17 | 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         |
| 18 | Excited State Properties of Heteroleptic Cu(I) $\pi$ -imidazolate Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 12978-12986.  | 4.0  | 16        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | [FeFe]-Hydrogenase H-cluster mimics mediated by naphthalene monoimide derivatives of peri-substituted dichalcogenides. Dalton Transactions, 2017, 46, 11180-11191. | 3.3 | 43        |