

# Markus Lunzer

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

504  
citations

759233

12  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Fast Curing, Water-Resistant and Photopolymerizable Glass for Recording of Holographic Structures by One- and Two-Photon Lithography. <i>Advanced Optical Materials</i> , 2022, 10, 2102089.	7.3	8
2	A disulfide-based linker for thiol-norbornene conjugation: formation and cleavage of hydrogels by the use of light. <i>Polymer Chemistry</i> , 2022, 13, 1158-1168.	3.9	4
3	Beyond the Threshold: A Study of Chalcogenophene-Based Two-Photon Initiators. <i>Chemistry of Materials</i> , 2022, 34, 3042-3052.	6.7	14
4	High Resolution Patterning of an Organic-Inorganic Photoresin for the Fabrication of Platinum Microstructures. <i>Advanced Materials</i> , 2021, 33, e2101992.	21.0	11
5	Solvent tuning of photochemistry upon excited-state symmetry breaking. <i>Nature Communications</i> , 2020, 11, 1925.	12.8	54
6	Screening of two-photon activated photodynamic therapy sensitizers using a 3D osteosarcoma model. <i>Analyst</i> , 2019, 144, 3056-3063.	3.5	22
7	Towards efficient initiators for two-photon induced polymerization: fine tuning of the donor/acceptor properties. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 437-448.	3.4	16
8	Fully automated z-scan setup based on a tunable fs-oscillator. <i>Optical Materials Express</i> , 2019, 9, 3567.	3.0	12
9	A Modular Approach to Sensitized Two-Photon Patterning of Photodegradable Hydrogels. <i>Angewandte Chemie</i> , 2018, 130, 15342-15347.	2.0	15
10	A Modular Approach to Sensitized Two-Photon Patterning of Photodegradable Hydrogels. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15122-15127.	13.8	68
11	Dynamic Coordination Chemistry Enables Free Directional Printing of Biopolymer Hydrogel. <i>Chemistry of Materials</i> , 2017, 29, 5816-5823.	6.7	119
12	Durch sichtbares Licht und Nahinfrarotstrahlung abbaubare supramolekulare Metallo-Gele. <i>Angewandte Chemie</i> , 2017, 129, 16071-16075.	2.0	12
13	Metallo-Supramolecular Gels that are Photocleavable with Visible and Near-Infrared Irradiation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15857-15860.	13.8	62
14	Specific Monitoring of Excited-State Symmetry Breaking by Femtosecond Broadband Fluorescence Upconversion Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5878-5883.	4.6	58
15	A Versatile One-Pot Access to Cyanoarenes from <i>ortho</i> - and <i>para</i> -Quinones: Paving the Way for Cyanated Functional Materials. <i>Chemistry - A European Journal</i> , 2016, 22, 5025-5025.	3.3	0
16	A Versatile One-Pot Access to Cyanoarenes from <i>ortho</i> - and <i>para</i> -Quinones: Paving the Way for Cyanated Functional Materials. <i>Chemistry - A European Journal</i> , 2016, 22, 5173-5180.	3.3	18
17	Facile Synthesis of Cyanoarenes from Quinones by Reductive Aromatization of Cyanohydrin Intermediates. <i>Synlett</i> , 2015, 26, 950-952.	1.8	10