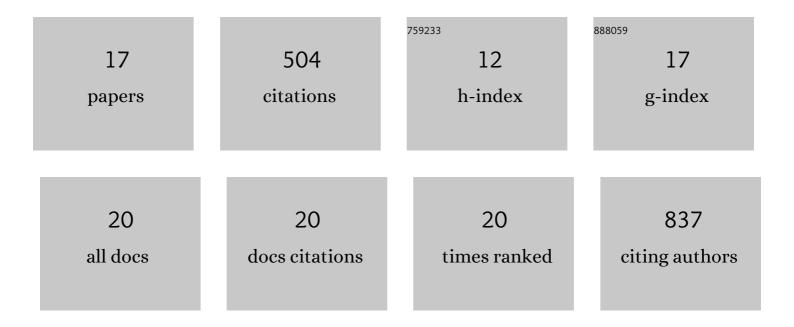
## Markus Lunzer

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6248935/publications.pdf Version: 2024-02-01



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