

# Fabien Hammerer

## List of Publications by Year in descending order

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17  
papers

533  
citations

623734

14  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

777  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent-Free Enzyme Activity: Quick, High-Yielding Mechanoenzymatic Hydrolysis of Cellulose into Glucose. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2621-2624.	13.8	72
2	Synthesis and Characterization of Glycoconjugated Porphyrin Triphenylamine Hybrids for Targeted Two-Photon Photodynamic Therapy. <i>Journal of Organic Chemistry</i> , 2014, 79, 1406-1417.	3.2	60
3	Mechanoenzymatic Breakdown of Chitinous Material to <i>N</i> -Acetylglucosamine: The Benefits of a Solventless Environment. <i>ChemSusChem</i> , 2019, 12, 3481-3490.	6.8	47
4	Carbohydrate-conjugated porphyrin dimers: Synthesis and photobiological evaluation for a potential application in one-photon and two-photon photodynamic therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 153-165.	3.0	45
5	Vinyl-diazine triphenylamines and their <i>N</i> -methylated derivatives: Synthesis, photophysical properties and application for staining DNA. <i>Dyes and Pigments</i> , 2012, 95, 400-407.	3.7	40
6	Efficient Enzymatic Hydrolysis of Biomass Hemicellulose in the Absence of Bulk Water. <i>Molecules</i> , 2019, 24, 4206.	3.8	35
7	Solvent-Free Enzyme Activity: Quick, High-Yielding Mechanoenzymatic Hydrolysis of Cellulose into Glucose. <i>Angewandte Chemie</i> , 2018, 130, 2651-2654.	2.0	34
8	Mitochondria-targeted cationic porphyrin-triphenylamine hybrids for enhanced two-photon photodynamic therapy. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 107-118.	3.0	32
9	Towards Controlling the Reactivity of Enzymes in Mechanochemistry: Inert Surfaces Protect $\beta$ -Glucosidase Activity During Ball Milling. <i>ChemSusChem</i> , 2020, 13, 106-110.	6.8	29
10	Influence of Carbohydrate Biological Vectors on the Two-Photon Resonance of Porphyrin Oligomers. <i>Journal of Physical Chemistry A</i> , 2011, 115, 6503-6508.	2.5	27
11	Glycodendrimeric phenylporphyrins as new candidates for retinoblastoma PDT: Blood carriers and photodynamic activity in cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 115, 16-24.	3.8	21
12	Rapid mechanoenzymatic saccharification of lignocellulosic biomass without bulk water or chemical pre-treatment. <i>Green Chemistry</i> , 2020, 22, 3877-3884.	9.0	21
13	Glycoconjugated porphyrin dimers as robust ratiometric temperature sensors. <i>Chemical Communications</i> , 2014, 50, 9529-9532.	4.1	17
14	Small Molecule Restores Itaconate Sensitivity in <i>Salmonella enterica</i> : A Potential New Approach to Treating Bacterial Infections. <i>ChemBioChem</i> , 2016, 17, 1513-1517.	2.6	17
15	Regioselective Epoxidations by Cytochrome P450 3A4 Using a Theobromine Chemical Auxiliary to Predictably Produce $\alpha$ - or $\beta$ -Amino Epoxides. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3983-3989.	4.3	15
16	Photoassisted Oxidation of Sulfides Catalyzed by Artificial Metalloenzymes Using Water as an Oxygen Source. <i>Catalysts</i> , 2016, 6, 202.	3.5	11
17	An Artificial Hemoprotein with Inducible Peroxidase- and Monooxygenase-Like Activities. <i>Chemistry - A European Journal</i> , 2020, 26, 14929-14937.	3.3	9