

Morten van Schie

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

812
citations

759233

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1058476

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838
citing authors

#	ARTICLE	IF	CITATIONS
1	Applied biocatalysis beyond just buffers – from aqueous to unconventional media. Options and guidelines. <i>Green Chemistry</i> , 2021, 23, 3191-3206.	9.0	81
2	Nuclear Waste and Biocatalysis: A Sustainable Liaison?. <i>ACS Catalysis</i> , 2020, 10, 14195-14200.	11.2	20
3	Selective Oxyfunctionalisation Reactions Driven by Sulfite Oxidase – Catalysed <i>In Situ</i> Generation of H ₂ O ₂ . <i>ChemCatChem</i> , 2020, 12, 3186-3189.	3.7	10
4	Cascading g-C ₃ N ₄ and Peroxygenases for Selective Oxyfunctionalization Reactions. <i>ACS Catalysis</i> , 2019, 9, 7409-7417.	11.2	64
5	H ₂ O ₂ Production at Low Overpotentials for Electroenzymatic Halogenation Reactions. <i>ChemSusChem</i> , 2019, 12, 4759-4763.	6.8	38
6	Hydrocarbon Synthesis via Photoenzymatic Decarboxylation of Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2019, 141, 3116-3120.	13.7	123
7	Photoenzymatic epoxidation of styrenes. <i>Chemical Communications</i> , 2019, 55, 1790-1792.	4.1	23
8	Photoenzymatic Hydroxylation of Ethylbenzene Catalyzed by Unspecific Peroxygenase: Origin of Enzyme Inactivation and the Impact of Light Intensity and Temperature. <i>ChemCatChem</i> , 2019, 11, 3093-3100.	3.7	31
9	Formate Oxidase (FOx) from <i>Aspergillus oryzae</i> : One Catalyst Enables Diverse H ₂ O ₂ – Dependent Biocatalytic Oxidation Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7873-7877.	13.8	67
10	Efficient Aerobic Oxidation of <i>trans</i> -2-Hexenal using the Aryl Alcohol Oxidase from <i>Pleurotus eryngii</i> . <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2668-2672.	4.3	23
11	Fast and accurate enzyme activity measurements using a chip-based microfluidic calorimeter. <i>Analytical Biochemistry</i> , 2018, 544, 57-63.	2.4	11
12	Deazaflavins as photocatalysts for the direct reductive regeneration of flavoenzymes. <i>Molecular Catalysis</i> , 2018, 452, 277-283.	2.0	15
13	Selective aerobic oxidation reactions using a combination of photocatalytic water oxidation and enzymatic oxyfunctionalizations. <i>Nature Catalysis</i> , 2018, 1, 55-62.	34.4	272
14	Biocatalytic synthesis of the Green Note <i>trans</i> -2-hexenal in a continuous-flow microreactor. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 697-703.	2.2	34