

# Morten van Schie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8691582/publications.pdf>

Version: 2024-02-01

14  
papers

812  
citations

759233

12  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

838  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | 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       |
| 2  | Hydrocarbon Synthesis via Photoenzymatic Decarboxylation of Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2019, 141, 3116-3120.  | 13.7 | 123       |
| 3  | Applied biocatalysis beyond just buffers – from aqueous to unconventional media. Options and guidelines. <i>Green Chemistry</i> , 2021, 23, 3191-3206.   | 9.0  | 81        |
| 4  | Formate Oxidase (FOX) from <i>Aspergillus oryzae</i> : One Catalyst Enables Diverse H <sub>2</sub> O <sub>2</sub> -Dependent Biocatalytic Oxidation Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7873-7877. | 13.8 | 67        |
| 5  | Cascading g-C <sub>3</sub> N <sub>4</sub> and Peroxygenases for Selective Oxyfunctionalization Reactions. <i>ACS Catalysis</i> , 2019, 9, 7409-7417.   | 11.2 | 64        |
| 6  | H <sub>2</sub> O <sub>2</sub> Production at Low Overpotentials for Electroenzymatic Halogenation Reactions. <i>ChemSusChem</i> , 2019, 12, 4759-4763.  | 6.8  | 38        |
| 7  | 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        |
| 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  | Photoenzymatic epoxidation of styrenes. <i>Chemical Communications</i> , 2019, 55, 1790-1792.  | 4.1  | 23        |
| 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 | Nuclear Waste and Biocatalysis: A Sustainable Liaison?. <i>ACS Catalysis</i> , 2020, 10, 14195-14200.  | 11.2 | 20        |
| 12 | Deazaflavins as photocatalysts for the direct reductive regeneration of flavoenzymes. <i>Molecular Catalysis</i> , 2018, 452, 277-283.   | 2.0  | 15        |
| 13 | Fast and accurate enzyme activity measurements using a chip-based microfluidic calorimeter. <i>Analytical Biochemistry</i> , 2018, 544, 57-63.   | 2.4  | 11        |
| 14 | Selective Oxyfunctionalisation Reactions Driven by Sulfite Oxidase-Catalysed <i>In Situ</i> Generation of H <sub>2</sub> O <sub>2</sub> . <i>ChemCatChem</i> , 2020, 12, 3186-3189.  | 3.7  | 10        |