

# Stephen Wallace

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1288704/publications.pdf>

Version: 2024-02-01

15  
papers

502  
citations

840776

11  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

487  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial synthesis of vanillin from waste poly(ethylene terephthalate). <i>Green Chemistry</i> , 2021, 23, 4665-4672.	9.0	101
2	Opportunities for merging chemical and biological synthesis. <i>Current Opinion in Biotechnology</i> , 2014, 30, 1-8.	6.6	77
3	Interfacing Microbial Styrene Production with a Biocompatible Cyclopropanation Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7106-7109.	13.8	75
4	Designer Micelles Accelerate Flux Through Engineered Metabolism in <i>E. coli</i> and Support Biocompatible Chemistry. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6023-6027.	13.8	60
5	Computationally guided discovery of a reactive, hydrophilic trans-5-oxocene dienophile for bioorthogonal labeling. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6640-6644.	2.8	37
6	Using non-enzymatic chemistry to influence microbial metabolism. <i>Current Opinion in Chemical Biology</i> , 2015, 25, 71-79.	6.1	28
7	Interfacing Microbial Styrene Production with a Biocompatible Cyclopropanation Reaction. <i>Angewandte Chemie</i> , 2015, 127, 7212-7215.	2.0	26
8	Designer Micelles Accelerate Flux Through Engineered Metabolism in <i>E. coli</i> and Support Biocompatible Chemistry. <i>Angewandte Chemie</i> , 2016, 128, 6127-6131.	2.0	22
9	One-Pot Synthesis of Adipic Acid from Guaiacol in <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2020, 9, 2472-2476.	3.8	19
10	Transition Metal-Free Reduction of Activated Alkenes Using a Living Microorganism. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12409-12414.	13.8	17
11	Interfacing non-enzymatic catalysis with living microorganisms. <i>RSC Chemical Biology</i> , 2021, 2, 1073-1083.	4.1	16
12	Micellar catalysis of the Suzuki Miyaura reaction using biogenic Pd nanoparticles from <i>Desulfovibrio alaskensis</i> . <i>Green Chemistry</i> , 2021, 23, 8886-8890.	9.0	11
13	Tyramine Derivatives Catalyze the Aldol Dimerization of Butyraldehyde in the Presence of <i>Escherichia coli</i> . <i>ChemBioChem</i> , 2022, 23, .	2.6	5
14	Transition Metal-Free Reduction of Activated Alkenes Using a Living Microorganism. <i>Angewandte Chemie</i> , 2019, 131, 12539-12544.	2.0	4
15	Interfacing Biocompatible Reactions with Engineered <i>Escherichia coli</i> . <i>Methods in Molecular Biology</i> , 2017, 1586, 409-421.	0.9	0