James R Marshall

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4589075/publications.pdf

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17	520	840776	940533
papers	citations	11 h-index	16 g-index

20	20	20	326
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New Trends and Future Opportunities in the Enzymatic Formation of Câ^'C, Câ^'N, and Câ^'O bonds. ChemBioChem, 2022, 23, .	2.6	17
2	Multifunctional biocatalyst for conjugate reduction and reductive amination. Nature, 2022, 604, 86-91.	27.8	48
3	Enzymatic N-Allylation of Primary and Secondary Amines Using Renewable Cinnamic Acids Enabled by Bacterial Reductive Aminases. ACS Sustainable Chemistry and Engineering, 2022, 10, 6794-6806.	6.7	9
4	Expanding the synthetic scope of biocatalysis by enzyme discovery and protein engineering. Tetrahedron, 2021, 82, 131926.	1.9	29
5	Asymmetric Synthesis of Nâ€Substituted Î±â€Amino Esters from Î±â€Ketoesters via Imine Reductaseâ€Catalyzed Reductive Amination. Angewandte Chemie - International Edition, 2021, 60, 8717-8721.	13.8	40
6	Asymmetric Synthesis of N â€Substituted Î±â€Amino Esters from Î±â€Ketoesters via Imine Reductaseâ€Catalyzed Reductive Amination. Angewandte Chemie, 2021, 133, 8799-8803.	2.0	10
7	Rapid Screening of Diverse Biotransformations for Enzyme Evolution. Jacs Au, 2021, 1, 508-516.	7.9	13
8	Development of Continuous Flow Systems to Access Secondary Amines Through Previously Incompatible Biocatalytic Cascades**. Angewandte Chemie - International Edition, 2021, 60, 18660-18665.	13.8	44
9	Development of Continuous Flow Systems to Access Secondary Amines Through Previously Incompatible Biocatalytic Cascades**. Angewandte Chemie, 2021, 133, 18808-18813.	2.0	3
10	RÃ¼cktitelbild: Development of Continuous Flow Systems to Access Secondary Amines Through Previously Incompatible Biocatalytic Cascades (Angew. Chem. 34/2021). Angewandte Chemie, 2021, 133, 19040-19040.	2.0	0
11	Synthesis of pharmaceutically relevant 2â€aminotetralin andÂ3â€aminochroman derivatives via enzymatic reductive amination. Angewandte Chemie, 2021, 133, 24661.	2.0	1
12	Synthesis of Pharmaceutically Relevant 2â€Aminotetralin and 3â€Aminochroman Derivatives via Enzymatic Reductive Amination. Angewandte Chemie - International Edition, 2021, 60, 24456-24460.	13.8	18
13	Screening and characterization of a diverse panel of metagenomic imine reductases for biocatalytic reductive amination. Nature Chemistry, 2021, 13, 140-148.	13.6	100
14	Asymmetric synthesis of primary amines catalyzed by thermotolerant fungal reductive aminases. Chemical Science, 2020, 11, 5052-5057.	7.4	49
15	Characterization of imine reductases in reductive amination for the exploration of structure-activity relationships. Science Advances, 2020, 6, eaay9320.	10.3	48
16	One-Pot Biocatalytic Cascade Reduction of Cyclic Enimines for the Preparation of Diastereomerically Enriched N-Heterocycles. Journal of the American Chemical Society, 2019, 141, 19208-19213.	13.7	43
17	Chemoenzymatic Synthesis of Substituted Azepanes by Sequential Biocatalytic Reduction and Organolithium-Mediated Rearrangement. Journal of the American Chemical Society, 2018, 140, 17872-17877.	13.7	48