

Scott P France

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,059
citations

394286

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677027

22
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docs citations

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times ranked

1436
citing authors

#	ARTICLE	IF	CITATIONS
1	Constructing Biocatalytic Cascades: In Vitro and in Vivo Approaches to de Novo Multi-Enzyme Pathways. <i>ACS Catalysis</i> , 2017, 7, 710-724.	5.5	322
2	A reductive aminase from <i>Aspergillus oryzae</i> . <i>Nature Chemistry</i> , 2017, 9, 961-969.	6.6	290
3	Biocatalysis. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	11.8	255
4	Imine reductases (IREDs). <i>Current Opinion in Chemical Biology</i> , 2017, 37, 19-25.	2.8	202
5	One-Pot Cascade Synthesis of Mono- and Disubstituted Piperidines and Pyrrolidines using Carboxylic Acid Reductase (CAR), α -Transaminase (α -TA), and Imine Reductase (IREd) Biocatalysts. <i>ACS Catalysis</i> , 2016, 6, 3753-3759.	5.5	171
6	An <i>R</i> -Imine Reductase Biocatalyst for the Asymmetric Reduction of Cyclic Imines. <i>ChemCatChem</i> , 2015, 7, 579-583.	1.8	126
7	Stereoselectivity and Structural Characterization of an Imine Reductase (IREd) from <i>Amycolatopsis orientalis</i> . <i>ACS Catalysis</i> , 2016, 6, 3880-3889.	5.5	96
8	Identification of Novel Bacterial Members of the Imine Reductase Enzyme Family that Perform Reductive Amination. <i>ChemCatChem</i> , 2018, 10, 510-514.	1.8	86
9	A Mechanism for Reductive Amination Catalyzed by Fungal Reductive Aminases. <i>ACS Catalysis</i> , 2018, 8, 11534-11541.	5.5	78
10	Enzyme Cascades in Whole Cells for the Synthesis of Chiral Cyclic Amines. <i>ACS Catalysis</i> , 2017, 7, 2920-2925.	5.5	75
11	Biocatalytic Routes to Enantiomerically Enriched Dibenz[<i>c</i> , <i>e</i>]azepines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15589-15593.	7.2	62
12	One-Pot Biocatalytic Cascade Reduction of Cyclic Enamines for the Preparation of Diastereomerically Enriched <i>N</i> -Heterocycles. <i>Journal of the American Chemical Society</i> , 2019, 141, 19208-19213.	6.6	43
13	Kinetic Resolution and Deracemization of Racemic Amines Using a Reductive Aminase. <i>ChemCatChem</i> , 2018, 10, 515-519.	1.8	42
14	Carboxylic acid reductases (CARs): An industrial perspective. <i>Journal of Biotechnology</i> , 2019, 304, 78-88.	1.9	38
15	Synthesis of 2,5-Disubstituted Pyrrolidine Alkaloids <i>via</i> A One-Pot Cascade Using Transaminase and Reductive Aminase Biocatalysts. <i>ChemCatChem</i> , 2018, 10, 4733-4738.	1.8	31
16	Synthetic Approaches to the New Drugs Approved during 2019. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 3604-3657.	2.9	30
17	PF-07059013: A Noncovalent Modulator of Hemoglobin for Treatment of Sickle Cell Disease. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 326-342.	2.9	29
18	Imine Reductases, Reductive Aminases, and Amine Oxidases for the Synthesis of Chiral Amines: Discovery, Characterization, and Synthetic Applications. <i>Methods in Enzymology</i> , 2018, 608, 131-149.	0.4	25

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19	Inducing achiral aliphatic oligoureas to fold into helical conformations. <i>Chemical Communications</i> , 2014, 50, 15006-15009.	2.2	19
20	Synthetic Approaches to the New Drugs Approved During 2020. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 9607-9661.	2.9	18
21	Biocatalytic Routes to Enantiomerically Enriched Dibenz[<i>c</i> , <i>e</i>]azepines. <i>Angewandte Chemie</i> , 2017, 129, 15795-15799.	1.6	12
22	Scalable, Telescoped Hydrogenolysis-Enzymatic Decarboxylation Process for the Asymmetric Synthesis of (<i>R</i>)- α -Heteroaryl Propionic Acids. <i>Organic Process Research and Development</i> , 2021, 25, 421-426.	1.3	9