

Joel H Z Lee

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

147
citations

1307594

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h-index

1372567

10
g-index

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all docs

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docs citations

10
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the Monooxygenase Activity and the Regio- and Stereoselectivity of Terpenoid Hydroxylation Using Ester Directing Groups. <i>ACS Catalysis</i> , 2016, 6, 6306-6317.	11.2	36
2	An Altered Heme Environment in an Engineered Cytochrome P450 Enzyme Enables the Switch from Monooxygenase to Peroxygenase Activity. <i>ACS Catalysis</i> , 2022, 12, 1614-1625.	11.2	29
3	Biomimetic and Biocatalytic Synthesis of Bruceol. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1427-1431.	13.8	15
4	The Oxidation of Hydrophobic Aromatic Substrates by Using a Variant of the P450 Monooxygenase CYP101B1. <i>ChemBioChem</i> , 2017, 18, 2119-2128.	2.6	14
5	Stereoselective hydroxylation of isophorone by variants of the cytochromes P450 CYP102A1 and CYP101A1. <i>Enzyme and Microbial Technology</i> , 2018, 111, 29-37.	3.2	14
6	Different Geometric Requirements for Cytochrome P450-Catalyzed Aliphatic Versus Aromatic Hydroxylation Results in Chemoselective Oxidation. <i>ACS Catalysis</i> , 2022, 12, 1258-1267.	11.2	14
7	Selective hydroxylation of 1,8- and 1,4-cineole using bacterial P450 variants. <i>Archives of Biochemistry and Biophysics</i> , 2019, 663, 54-63.	3.0	10
8	Selective Oxidations Using a Cytochrome P450 Enzyme Variant Driven with Surrogate Oxygen Donors and Light. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	7
9	The Stereoselective Oxidation of para -Substituted Benzenes by a Cytochrome P450 Biocatalyst. <i>Chemistry - A European Journal</i> , 2021, 27, 14765-14777.	3.3	6
10	Biomimetic and Biocatalytic Synthesis of Bruceol. <i>Angewandte Chemie</i> , 2019, 131, 1441-1445.	2.0	2