

# Joel H Z Lee

## List of Publications by Year in descending order

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184  
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#	ARTICLE	IF	CITATIONS
1	Different Geometric Requirements for Cytochrome P450-Catalyzed Aliphatic Versus Aromatic Hydroxylation Results in Chemoselective Oxidation. ACS Catalysis, 2022, 12, 1258-1267.	11.2	14
2	An Altered Heme Environment in an Engineered Cytochrome P450 Enzyme Enables the Switch from Monooxygenase to Peroxygenase Activity. ACS Catalysis, 2022, 12, 1614-1625.	11.2	29
3	Selective Oxidations Using a Cytochrome P450 Enzyme Variant Driven with Surrogate Oxygen Donors and Light. Chemistry - A European Journal, 2022, 28, .	3.3	7
4	The Stereoselective Oxidation of para -Substituted Benzenes by a Cytochrome P450 Biocatalyst. Chemistry - A European Journal, 2021, 27, 14765-14777.	3.3	6
5	Selective hydroxylation of 1,8- and 1,4-cineole using bacterial P450 variants. Archives of Biochemistry and Biophysics, 2019, 663, 54-63.	3.0	10
6	Biomimetic and Biocatalytic Synthesis of Bruceol. Angewandte Chemie, 2019, 131, 1441-1445.	2.0	2
7	Biomimetic and Biocatalytic Synthesis of Bruceol. Angewandte Chemie - International Edition, 2019, 58, 1427-1431.	13.8	15
8	Stereoselective hydroxylation of isophorone by variants of the cytochromes P450 CYP102A1 and CYP101A1. Enzyme and Microbial Technology, 2018, 111, 29-37.	3.2	14
9	The Oxidation of Hydrophobic Aromatic Substrates by Using a Variant of the P450 Monooxygenase CYP101B1. ChemBioChem, 2017, 18, 2119-2128.	2.6	14
10	Improving the Monooxygenase Activity and the Regio- and Stereoselectivity of Terpenoid Hydroxylation Using Ester Directing Groups. ACS Catalysis, 2016, 6, 6306-6317.	11.2	36