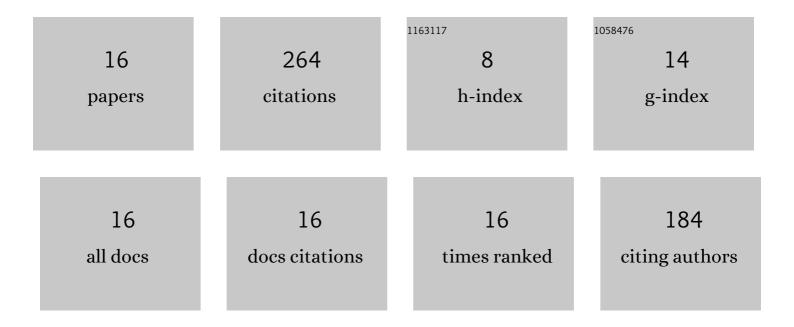
Panu Pimviriyakul

List of Publications by Year in descending order

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ΟλΝΗ ΟΙΜΥΙΟΙΥΛΚΗΙ

#	Article	IF	CITATIONS
1	Dual Activities of Oxidation and Oxidative Decarboxylation by Flavoenzymes. ChemBioChem, 2022, , .	2.6	2
2	Role of conserved arginine in <scp>HadA</scp> monooxygenase for <scp>4â€nitrophenol</scp> and <scp>4â€chlorophenol</scp> detoxification. Proteins: Structure, Function and Bioinformatics, 2022, 90, 1291-1302.	2.6	4
3	Protonation status and control mechanism of flavin–oxygen intermediates in the reaction of bacterial luciferase. FEBS Journal, 2021, 288, 3246-3260.	4.7	13
4	Structural insights into a flavin-dependent dehalogenase HadA explain catalysis and substrate inhibition via quadruple π-stacking. Journal of Biological Chemistry, 2021, 297, 100952.	3.4	6
5	Microbial degradation of halogenated aromatics: molecular mechanisms and enzymatic reactions. Microbial Biotechnology, 2020, 13, 67-86.	4.2	59
6	Overview of flavin-dependent enzymes. The Enzymes, 2020, 47, 1-36.	1.7	15
7	Phenolic hydroxylases. The Enzymes, 2020, 47, 283-326.	1.7	7
8	Flavin-dependent dehalogenases. The Enzymes, 2020, 47, 365-397.	1.7	6
9	A Chemoâ€Enzymatic Cascade for the Smart Detection of Nitro―and Halogenated Phenols. Angewandte Chemie, 2019, 131, 13388-13392.	2.0	3
10	Frontispiz: A Chemoâ€Enzymatic Cascade for the Smart Detection of Nitro―and Halogenated Phenols. Angewandte Chemie, 2019, 131, .	2.0	0
11	Frontispiece: A Chemoâ€Enzymatic Cascade for the Smart Detection of Nitro―and Halogenated Phenols. Angewandte Chemie - International Edition, 2019, 58, .	13.8	0
12	A Chemoâ€Enzymatic Cascade for the Smart Detection of Nitro―and Halogenated Phenols. Angewandte Chemie - International Edition, 2019, 58, 13254-13258.	13.8	19
13	Identification of a Hotspot Residue for Improving the Thermostability of a Flavinâ€Dependent Monooxygenase. ChemBioChem, 2019, 20, 3020-3031.	2.6	27
14	A complete bioconversion cascade for dehalogenation and denitration by bacterial flavin–dependent enzymes. Journal of Biological Chemistry, 2018, 293, 18525-18539.	3.4	26
15	Oxidative dehalogenation and denitration by a flavin-dependent monooxygenase is controlled by substrate deprotonation. Chemical Science, 2018, 9, 7468-7482.	7.4	28
16	Kinetic Mechanism of the Dechlorinating Flavin-dependent Monooxygenase HadA. Journal of Biological Chemistry, 2017, 292, 4818-4832.	3.4	49