

Harshwardhan Poddar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/189578/publications.pdf>

Version: 2024-02-01

10
papers

237
citations

1040056

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1281871

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all docs

11
docs citations

11
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Using mutability landscapes of a promiscuous tautomerase to guide the engineering of enantioselective Michaelases. <i>Nature Communications</i> , 2016, 7, 10911.	12.8	80
2	Evidence for the Formation of an Enamine Species during Aldol and Michaelâ€”type Addition Reactions Promiscuously Catalyzed by 4â€”Oxalocrotonate Tautomerase. <i>ChemBioChem</i> , 2015, 16, 738-741.	2.6	26
3	A guide to timeâ€”resolved structural analysis of lightâ€”activated proteins. <i>FEBS Journal</i> , 2022, 289, 576-595.	4.7	25
4	Structural Basis for the Catalytic Mechanism of Ethylenediamine- <i>N,N</i> -disuccinic Acid Lyase, a Carbonâ€”Nitrogen Bond-Forming Enzyme with a Broad Substrate Scope. <i>Biochemistry</i> , 2018, 57, 3752-3763.	2.5	24
5	Structureâ€”Activity Relationships of <i>cyclo</i> (<i>scp</i>)-Tyrosyl- <i>scp</i> -tyrosine Derivatives Binding to <i>Mycobacterium tuberculosis</i> CYP121: Iodinated Analogues Promote Shift to High-Spin Adduct. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9792-9805.	6.4	19
6	Structural and catalytic properties of the peroxygenase P450 enzyme CYP152K6 from <i>Bacillus methanolicus</i> . <i>Journal of Inorganic Biochemistry</i> , 2018, 188, 18-28.	3.5	18
7	Novel insights into P450 BM3 interactions with FDA-approved antifungal azole drugs. <i>Scientific Reports</i> , 2019, 9, 1577.	3.3	17
8	Mutations Closer to the Active Site Improve the Promiscuous Aldolase Activity of 4â€”Oxalocrotonate Tautomerase More Effectively than Distant Mutations. <i>ChemBioChem</i> , 2016, 17, 1225-1228.	2.6	15
9	Functional and Structural Characterization of an Unusual Cofactor-Independent Oxygenase. <i>Biochemistry</i> , 2015, 54, 1219-1232.	2.5	11
10	An unusual light-sensing function for coenzyme B12 in bacterial transcription regulator CarH. <i>Methods in Enzymology</i> , 2022, 668, 349-372.	1.0	1