

# Harshwardhan Poddar

## List of Publications by Year in descending order

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

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10  
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docs citations

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times ranked

313  
citing authors

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