

Ishwor Poudyal

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

542
citations

933447

10
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

928
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzyme intermediates captured “on the fly” by mix-and-inject serial crystallography. BMC Biology, 2018, 16, 59.	3.8	117
2	Time-resolved serial femtosecond crystallography at the European XFEL. Nature Methods, 2020, 17, 73-78.	19.0	110
3	Structural enzymology using X-ray free electron lasers. Structural Dynamics, 2017, 4, 044003.	2.3	92
4	Observation of substrate diffusion and ligand binding in enzyme crystals using high-repetition-rate mix-and-inject serial crystallography. IUCrJ, 2021, 8, 878-895.	2.2	44
5	The room temperature crystal structure of a bacterial phytochrome determined by serial femtosecond crystallography. Scientific Reports, 2016, 6, 35279.	3.3	39
6	Temperature dependence of diffusion coefficient of carbon monoxide in water: A molecular dynamics study. Journal of Molecular Liquids, 2014, 194, 77-84.	4.9	33
7	Structural basis for light control of cell development revealed by crystal structures of a myxobacterial phytochrome. IUCrJ, 2018, 5, 619-634.	2.2	33
8	High-resolution crystal structures of transient intermediates in the phytochrome photocycle. Structure, 2021, 29, 743-754.e4.	3.3	31
9	Single-particle imaging by x-ray free-electron lasers”How many snapshots are needed?. Structural Dynamics, 2020, 7, 024102.	2.3	26
10	Pump-Probe Time-Resolved Serial Femtosecond Crystallography at X-Ray Free Electron Lasers. Crystals, 2020, 10, 628.	2.2	13