

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

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g-index

14
all docs

14
docs citations

14
times ranked

928
citing authors

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