

Jesse D Coe

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,496
citations

623734

14
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

3653
citing authors

#	ARTICLE	IF	CITATIONS
1	Segmented flow generator for serial crystallography at the European X-ray free electron laser. Nature Communications, 2020, 11, 4511.	12.8	27
2	Membrane protein megahertz crystallography at the European XFEL. Nature Communications, 2019, 10, 5021.	12.8	47
3	Snapshot of an oxygen intermediate in the catalytic reaction of cytochrome <i>c</i> oxidase. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3572-3577.	7.1	70
4	3D printed droplet generation devices for serial femtosecond crystallography enabled by surface coating. Journal of Applied Crystallography, 2019, 52, 997-1008.	4.5	19
5	Supersaturation-controlled microcrystallization and visualization analysis for serial femtosecond crystallography. Scientific Reports, 2018, 8, 2541.	3.3	4
6	Rapid sample delivery for megahertz serial crystallography at X-ray FELs. IUCrJ, 2018, 5, 574-584.	2.2	52
7	Lipidic cubic phase injector is a viable crystal delivery system for time-resolved serial crystallography. Nature Communications, 2016, 7, 12314.	12.8	71
8	Serial femtosecond crystallography: A revolution in structural biology. Archives of Biochemistry and Biophysics, 2016, 602, 32-47.	3.0	101
9	Femtosecond structural dynamics drives the trans/cis isomerization in photoactive yellow protein. Science, 2016, 352, 725-729.	12.6	348
10	Serial femtosecond crystallography opens new avenues for Structural Biology. Protein and Peptide Letters, 2016, 23, 255-272.	0.9	12
11	A novel inert crystal delivery medium for serial femtosecond crystallography. IUCrJ, 2015, 2, 421-430.	2.2	123
12	Serial femtosecond X-ray diffraction of enveloped virus microcrystals. Structural Dynamics, 2015, 2, 041720.	2.3	11
13	Structural basis for bifunctional peptide recognition at human μ -opioid receptor. Nature Structural and Molecular Biology, 2015, 22, 265-268.	8.2	151
14	Crystal structure of rhodopsin bound to arrestin by femtosecond X-ray laser. Nature, 2015, 523, 561-567.	27.8	683
15	Structure of the Angiotensin Receptor Revealed by Serial Femtosecond Crystallography. Cell, 2015, 161, 833-844.	28.9	315
16	Crystallization of Photosystem II for Time-Resolved Structural Studies Using an X-ray Free Electron Laser. Methods in Enzymology, 2015, 557, 459-482.	1.0	17
17	High Throughput Protein Nanocrystal Fractionation in a Microfluidic Sorter. Analytical Chemistry, 2015, 87, 4159-4167.	6.5	27
18	Time-resolved serial crystallography captures high-resolution intermediates of photoactive yellow protein. Science, 2014, 346, 1242-1246.	12.6	418