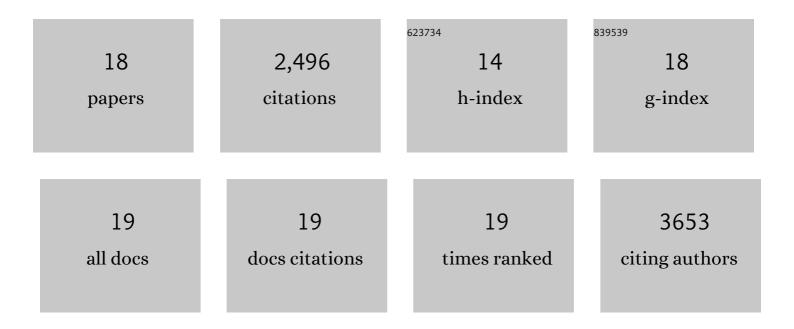
Jesse D Coe

List of Publications by Year in descending order

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IFSSE D COE

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