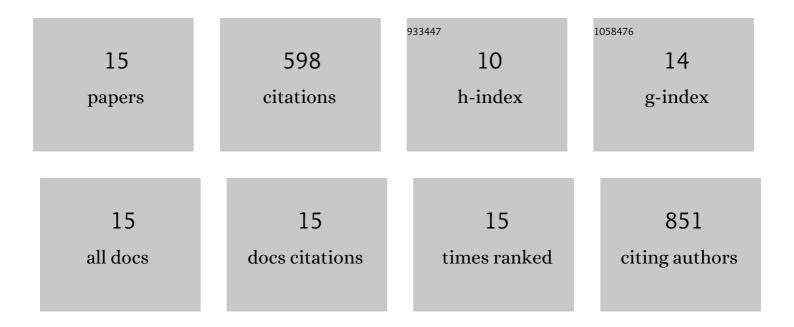
Chris A Brosey

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Evolving SAXS versatility: solution X-ray scattering for macromolecular architecture, functional landscapes, and integrative structural biology. Current Opinion in Structural Biology, 2019, 58, 197-213.	5.7	131
2	A new structural framework for integrating replication protein A into DNA processing machinery. Nucleic Acids Research, 2013, 41, 2313-2327.	14.5	88
3	Selective small molecule PARG inhibitor causes replication fork stalling and cancer cell death. Nature Communications, 2019, 10, 5654.	12.8	75
4	A Quantitative Assay Reveals Ligand Specificity of the DNA Scaffold Repair Protein XRCC1 and Efficient Disassembly of Complexes of XRCC1 and the Poly(ADP-ribose) Polymerase 1 by Poly(ADP-ribose) Glycohydrolase. Journal of Biological Chemistry, 2015, 290, 3775-3783.	3.4	49
5	NMR Analysis of the Architecture and Functional Remodeling of a Modular Multidomain Protein, RPA. Journal of the American Chemical Society, 2009, 131, 6346-6347.	13.7	47
6	Structural Dynamics and Single-Stranded DNA Binding Activity of the Three N-Terminal Domains of the Large Subunit of Replication Protein A from Small Angle X-ray Scattering. Biochemistry, 2010, 49, 2880-2889.	2.5	44
7	Functional Dynamics in Replication Protein A DNA Binding and Protein Recruitment Domains. Structure, 2015, 23, 1028-1038.	3.3	40
8	Defining NADH-Driven Allostery Regulating Apoptosis-Inducing Factor. Structure, 2016, 24, 2067-2079.	3.3	39
9	Targeting SARS-CoV-2 Nsp3 macrodomain structure with insights from human poly(ADP-ribose) glycohydrolase (PARG) structures with inhibitors. Progress in Biophysics and Molecular Biology, 2021, 163, 171-186.	2.9	39
10	Targeting Allostery with Avatars to Design Inhibitors Assessed by Cell Activity: Dissecting MRE11 Endo- and Exonuclease Activities. Methods in Enzymology, 2018, 601, 205-241.	1.0	20
11	What Combined Measurements From Structures and Imaging Tell Us About DNA Damage Responses. Methods in Enzymology, 2017, 592, 417-455.	1.0	10
12	Preparation of the Modular Multi-Domain Protein RPA for Study by NMR Spectroscopy. Methods in Molecular Biology, 2012, 831, 181-195.	0.9	9
13	An efficient chemical screening method for structure-based inhibitors to nucleic acid enzymes targeting the DNA repair-replication interface and SARS CoV-2. Methods in Enzymology, 2021, 661, 407-431.	1.0	4
14	An efficient chemical screening method for structure-based inhibitors to nucleic acid enzymes targeting the DNA repair-replication interface and SARS CoV-2. Methods in Enzymology, 2021, 661, 407-431.	1.0	2
15	Sample Preparation Methods to Analyze DNA-Induced Structural Changes in Replication Protein A. , 2012, 922, 101-122.		1