

Chris A Brosey

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

598
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

851
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolving SAXS versatility: solution X-ray scattering for macromolecular architecture, functional landscapes, and integrative structural biology. <i>Current Opinion in Structural Biology</i> , 2019, 58, 197-213.	5.7	131
2	A new structural framework for integrating replication protein A into DNA processing machinery. <i>Nucleic Acids Research</i> , 2013, 41, 2313-2327.	14.5	88
3	Selective small molecule PARC inhibitor causes replication fork stalling and cancer cell death. <i>Nature Communications</i> , 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. <i>Journal of Biological Chemistry</i> , 2015, 290, 3775-3783.	3.4	49
5	NMR Analysis of the Architecture and Functional Remodeling of a Modular Multidomain Protein, RPA. <i>Journal of the American Chemical Society</i> , 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. <i>Biochemistry</i> , 2010, 49, 2880-2889.	2.5	44
7	Functional Dynamics in Replication Protein A DNA Binding and Protein Recruitment Domains. <i>Structure</i> , 2015, 23, 1028-1038.	3.3	40
8	Defining NADH-Driven Allostery Regulating Apoptosis-Inducing Factor. <i>Structure</i> , 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. <i>Progress in Biophysics and Molecular Biology</i> , 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. <i>Methods in Enzymology</i> , 2018, 601, 205-241.	1.0	20
11	What Combined Measurements From Structures and Imaging Tell Us About DNA Damage Responses. <i>Methods in Enzymology</i> , 2017, 592, 417-455.	1.0	10
12	Preparation of the Modular Multi-Domain Protein RPA for Study by NMR Spectroscopy. <i>Methods in Molecular Biology</i> , 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. <i>Methods in Enzymology</i> , 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. <i>Methods in Enzymology</i> , 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