

Joseph D Batchelor

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

753
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

1083
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Protein Denaturants and Stabilizers on Water Structure. <i>Journal of the American Chemical Society</i> , 2004, 126, 1958-1961.	13.7	289
2	Dimerization of Plasmodium vivax DBP is induced upon receptor binding and drives recognition of DARC. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 908-914.	8.2	128
3	Red Blood Cell Invasion by Plasmodium vivax: Structural Basis for DBP Engagement of DARC. <i>PLoS Pathogens</i> , 2014, 10, e1003869.	4.7	99
4	Effects of buffer loading for electrospray ionization mass spectrometry of a noncovalent protein complex that requires high concentrations of essential salts. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 1045-1049.	2.8	59
5	Structure and Regulatory Mechanism of Aquifex aeolicus NtrC4: Variability and Evolution in Bacterial Transcriptional Regulation. <i>Journal of Molecular Biology</i> , 2008, 384, 1058-1075.	4.2	54
6	Crystal and Solution Structures of Plasmodium falciparum Erythrocyte-binding Antigen 140 Reveal Determinants of Receptor Specificity during Erythrocyte Invasion. <i>Journal of Biological Chemistry</i> , 2012, 287, 36830-36836.	3.4	48
7	Receiver Domains Control the Active-State Stoichiometry of Aquifex aeolicus σ^{54} Activator NtrC4, as Revealed by Electrospray Ionization Mass Spectrometry. <i>Journal of Molecular Biology</i> , 2009, 393, 634-643.	4.2	34
8	Structure, function, and tethering of DNA-binding domains in σ^{54} transcriptional activators. <i>Biopolymers</i> , 2013, 99, 1082-1096.	2.4	21
9	Structural Mechanism of GAF-Regulated σ^{54} Activators from Aquifex aeolicus. <i>Journal of Molecular Biology</i> , 2013, 425, 156-170.	4.2	16
10	Discovery of SARxxx92, a pan-PIM kinase inhibitor, efficacious in a KG1 tumor model. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127625.	2.2	5
11	Small-Angle X-Ray Scattering Studies of ADAMTS13 Demonstrate a Conformational Response to Substrate Binding in Solution. <i>Blood</i> , 2011, 118, 1191-1191.	1.4	0