

Mark E Bowen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,275
citations

567144

15
h-index

752573

20
g-index

23
all docs

23
docs citations

23
times ranked

1970
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and conformational dynamics of <i>Clostridioides difficile</i> toxin A. Life Science Alliance, 2022, 5, e202201383.	1.3	8
2	Conformational change of Syntaxin-3b in regulating SNARE complex assembly in the ribbon synapses. Scientific Reports, 2022, 12, .	1.6	2
3	Probing Interdomain Linkers and Protein Supertertiary Structure In Vitro and in Live Cells with Fluorescent Protein Resonance Energy Transfer. Journal of Molecular Biology, 2021, 433, 166793.	2.0	17
4	Structure of the full-length <i>Clostridium difficile</i> toxin B. Nature Structural and Molecular Biology, 2019, 26, 712-719.	3.6	59
5	Spontaneous Switching among Conformational Ensembles in Intrinsically Disordered Proteins. Biomolecules, 2019, 9, 114.	1.8	41
6	A viral-fusion-peptide-like molecular switch drives membrane insertion of botulinum neurotoxin A1. Nature Communications, 2018, 9, 5367.	5.8	30
7	Identifying weak interdomain interactions that stabilize the supertertiary structure of the N-terminal tandem PDZ domains of PSD-95. Nature Communications, 2018, 9, 3724.	5.8	41
8	Precision and accuracy of single-molecule FRET measurements—a multi-laboratory benchmark study. Nature Methods, 2018, 15, 669-676.	9.0	350
9	Divergent roles of a peripheral transmembrane segment in AMPA and NMDA receptors. Journal of General Physiology, 2017, 149, 661-680.	0.9	41
10	Site-Specific Phosphorylation of PSD-95 PDZ Domains Reveals Fine-Tuned Regulation of Protein-Protein Interactions. ACS Chemical Biology, 2017, 12, 2313-2323.	1.6	40
11	The insulin and IGF1 receptor kinase domains are functional dimers in the activated state. Nature Communications, 2015, 6, 6406.	5.8	60
12	Reconstitution of Multivalent PDZ Domain Binding to the Scaffold Protein PSD-95 Reveals Ternary-Complex Specificity of Combinatorial Inhibition. Structure, 2014, 22, 1458-1466.	1.6	15
13	Modulating the Intrinsic Disorder in the Cytoplasmic Domain Alters the Biological Activity of the N-Methyl-d-aspartate-sensitive Glutamate Receptor. Journal of Biological Chemistry, 2013, 288, 22506-22515.	1.6	33
14	Supertertiary structure of the synaptic MAGuK scaffold proteins is conserved. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15775-15780.	3.3	66
15	Immobilization of Proteins for Single-Molecule Fluorescence Resonance Energy Transfer Measurements of Conformation and Dynamics. , 2012, 896, 3-20.		26
16	Beyond the Random Coil: Stochastic Conformational Switching in Intrinsically Disordered Proteins. Structure, 2011, 19, 566-576.	1.6	109
17	Domain Orientation in the N-Terminal PDZ Tandem from PSD-95 Is Maintained in the Full-Length Protein. Structure, 2011, 19, 810-820.	1.6	41
18	Effect of Src Kinase Phosphorylation on Disordered C-terminal Domain of N-Methyl-d-aspartic Acid (NMDA) Receptor Subunit GluN2B Protein. Journal of Biological Chemistry, 2011, 286, 29904-29912.	1.6	44

#	ARTICLE	IF	CITATIONS
19	Optimizing Methods to Recover Absolute FRET Efficiency from Immobilized Single Molecules. <i>Biophysical Journal</i> , 2010, 99, 961-970.	0.2	93
20	Accessory Proteins Stabilize the Acceptor Complex for Synaptobrevin, the 1:1 Syntaxin/SNAP-25 Complex. <i>Structure</i> , 2008, 16, 308-320.	1.6	151