Wade M Borcherds

List of Publications by Year
in descending order

16	924	759233 12	996975 15
papers	citations	h-index	g-index

19	19	19	916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deciphering how naturally occurring sequence features impact the phase behaviours of disordered prion-like domains. Nature Chemistry, 2022, 14, 196-207.	13.6	216
2	Disorder and residual helicity alter p53-Mdm2 binding affinity and signaling in cells. Nature Chemical Biology, 2014, 10, 1000-1002.	8.0	167
3	How do intrinsically disordered protein regions encode a driving force for liquidâ€“liquid phase separation?. Current Opinion in Structural Biology, 2021, 67, 41-50.	5.7	162
4	Interaction between p53 N terminus and core domain regulates specific and nonspecific DNA binding. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8859-8868.	7.1	61
5	Autoinhibition of MDMX by intramolecular p53 mimicry. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4624-4629.	7.1	43
6	Î±-Helix-Mimicking Sulfono-Î³-AApeptide Inhibitors for p53â€“MDM2/MDMX Proteinâ€“Protein Interactions. Journal of Medicinal Chemistry, 2020, 63, 975-986.	6.4	43
7	Conserved Helix-Flanking Prolines Modulate Intrinsically Disordered Protein:Target Affinity by Altering the Lifetime of the Bound Complex. Biochemistry, 2017, 56, 2379-2384.	2.5	40
8	Secondary interaction between MDMX and p53 core domain inhibits p53 DNA binding. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2558-63.	7.1	38
9	Optimal Affinity Enhancement by a Conserved Flexible Linker Controls p53 Mimicry in MdmX. Biophysical Journal, 2017, 112, 2038-2042.	0.5	34
10	Uncoupling the Folding and Binding of an Intrinsically Disordered Protein. Journal of Molecular Biology, 2018, 430, 2389-2402.	4.2	18
11	Conserved Glycines Control Disorder and Function in the Cold-Regulated Protein, COR15A. Biomolecules, 2019, 9, 84.	4.0	15
12	Structural divergence is more extensive than sequence divergence for a family of intrinsically disordered proteins. Proteins: Structure, Function and Bioinformatics, 2013, 81, 1686-1698.	2.6	14
13	Using NMR Chemical Shifts to Determine Residue-Specific Secondary Structure Populations for Intrinsically Disordered Proteins. Methods in Enzymology, 2018, 611, 101-136.	1.0	11
14	Using chemical shifts to generate structural ensembles for intrinsically disordered proteins with converged distributions of secondary structure. Intrinsically Disordered Proteins, 2015, 3, e984565.	1.9	10
15	p53 Phosphomimetics Preserve Transient Secondary Structure but Reduce Binding to Mdm2 and MdmX. Biomolecules, 2019, 9, 83.	4.0	4
16	Phase behavior of intrinsically disordered prionâ€like domains. FASEB Journal, 2022, 36, .	0.5	1