

Christopher P Garnham

List of Publications by Year in descending order

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17
papers

1,563
citations

516215

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887659

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docs citations

17
times ranked

1581
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure of tubulin tyrosine ligase-like 3 reveals essential architectural elements unique to tubulin monoglycylases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6545-6550.	3.3	19
2	Writing and Reading the Tubulin Code. <i>Journal of Biological Chemistry</i> , 2015, 290, 17163-17172.	1.6	166
3	Multivalent Microtubule Recognition by Tubulin Tyrosine Ligase-like Family Glutamylases. <i>Cell</i> , 2015, 161, 1112-1123.	13.5	83
4	Generation of Differentially Modified Microtubules Using In Vitro Enzymatic Approaches. <i>Methods in Enzymology</i> , 2014, 540, 149-166.	0.4	35
5	Determining the Ice-binding Planes of Antifreeze Proteins by Fluorescence-based Ice Plane Affinity. <i>Journal of Visualized Experiments</i> , 2014, , e51185.	0.2	31
6	Phosphinic acid-based inhibitors of tubulin polyglutamylases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4408-4412.	1.0	12
7	Role of C^2+ in folding the tandem β -sandwich extender domains of a bacterial ice-binding adhesin. <i>FEBS Journal</i> , 2013, 280, 5919-5932.	2.2	20
8	Engineering a naturally inactive isoform of type III antifreeze protein into one that can stop the growth of ice. <i>FEBS Letters</i> , 2012, 586, 3876-3881.	1.3	27
9	Re-Evaluation of a Bacterial Antifreeze Protein as an Adhesin with Ice-Binding Activity. <i>PLoS ONE</i> , 2012, 7, e48805.	1.1	57
10	The chemical complexity of cellular microtubules: Tubulin post-translational modification enzymes and their roles in tuning microtubule functions. <i>Cytoskeleton</i> , 2012, 69, 442-463.	1.0	144
11	Ice-binding site of snow mold fungus antifreeze protein deviates from structural regularity and high conservation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9360-9365.	3.3	92
12	Novel dimeric β -helical model of an ice nucleation protein with bridged active sites. <i>BMC Structural Biology</i> , 2011, 11, 36.	2.3	107
13	Anchored clathrate waters bind antifreeze proteins to ice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7363-7367.	3.3	325
14	Compound Ice-Binding Site of an Antifreeze Protein Revealed by Mutagenesis and Fluorescent Tagging. <i>Biochemistry</i> , 2010, 49, 9063-9071.	1.2	75
15	Limb-Girdle Muscular Dystrophy Type 2A Can Result from Accelerated Autoproteolytic Inactivation of Calpain 3. <i>Biochemistry</i> , 2009, 48, 3457-3467.	1.2	21
16	A Ca^{2+} -dependent bacterial antifreeze protein domain has a novel β -helical ice-binding fold. <i>Biochemical Journal</i> , 2008, 411, 171-180.	1.7	124
17	The basis for hyperactivity of antifreeze proteins. <i>Cryobiology</i> , 2006, 53, 229-239.	0.3	225