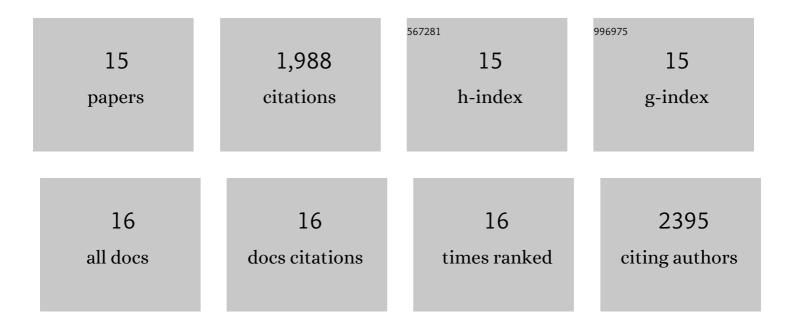
Gregory Alushin

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1077008/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Molecular mechanism for direct actin force-sensing by $\hat{I}\pm$ -catenin. ELife, 2020, 9, .	6.0	62
2	Cryo-EM structures reveal specialization at the myosin VI-actin interface and a mechanism of force sensitivity. ELife, 2017, 6, .	6.0	58
3	The Structural Basis of Actin Organization by Vinculin and Metavinculin. Journal of Molecular Biology, 2016, 428, 10-25.	4.2	49
4	Mechanistic Origin of Microtubule Dynamic Instability and Its Modulation by EB Proteins. Cell, 2015, 162, 849-859.	28.9	367
5	High-Resolution Microtubule Structures Reveal the Structural Transitions in αβ-Tubulin upon GTP Hydrolysis. Cell, 2014, 157, 1117-1129.	28.9	582
6	The Microtubule Binding Properties of CENP-E's C-Terminus and CENP-F. Journal of Molecular Biology, 2013, 425, 4427-4441.	4.2	29
7	Molecular requirements for the formation of a kinetochore–microtubule interface by Dam1 and Ndc80 complexes. Journal of Cell Biology, 2013, 200, 21-30.	5.2	79
8	The Putative GTPase Encoded by MTG3 Functions in a Novel Pathway for Regulating Assembly of the Small Subunit of Yeast Mitochondrial Ribosomes. Journal of Biological Chemistry, 2012, 287, 24346-24355.	3.4	19
9	Multimodal microtubule binding by the Ndc80 kinetochore complex. Nature Structural and Molecular Biology, 2012, 19, 1161-1167.	8.2	86
10	Molecular Architecture and Connectivity of the Budding Yeast Mtw1 Kinetochore Complex. Journal of Molecular Biology, 2011, 405, 548-559.	4.2	53
11	Binding site and ligand flexibility revealed by high resolution crystal structures of CluK1 competitive antagonists. Neuropharmacology, 2011, 60, 126-134.	4.1	24
12	Visualizing kinetochore architecture. Current Opinion in Structural Biology, 2011, 21, 661-669.	5.7	22
13	Direct Binding of Cenp-C to the Mis12 Complex Joins the Inner and Outer Kinetochore. Current Biology, 2011, 21, 391-398.	3.9	235
14	The Ndc80 kinetochore complex forms oligomeric arrays along microtubules. Nature, 2010, 467, 805-810.	27.8	277
15	ACET is a highly potent and specific kainate receptor antagonist: Characterisation and effects on hippocampal mossy fibre function. Neuropharmacology, 2009, 56, 121-130.	4.1	44