

Justin S Bois

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

3,444
citations

566801

15
h-index

887659

17
g-index

20
all docs

20
docs citations

20
times ranked

4077
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligand-receptor promiscuity enables cellular addressing. <i>Cell Systems</i> , 2022, 13, 408-425.e12.	2.9	34
2	Guiding self-organized pattern formation in cell polarity establishment. <i>Nature Physics</i> , 2019, 15, 293-300.	6.5	96
3	The Jellyfish <i>Cassiopea</i> Exhibits a Sleep-like State. <i>Current Biology</i> , 2017, 27, 2984-2990.e3.	1.8	171
4	Phenotypic and Physiological Characterization of the Epibiotic Interaction Between TM7x and Its Basibiont Actinomyces. <i>Microbial Ecology</i> , 2016, 71, 243-255.	1.4	68
5	Regulation of the formin cappuccino is critical for polarity of <i>Drosophila</i> oocytes. <i>Cytoskeleton</i> , 2015, 72, 1-15.	1.0	11
6	Aub and Ago3 Are Recruited to Nuage through Two Mechanisms to Form a Ping-Pong Complex Assembled by Krimper. <i>Molecular Cell</i> , 2015, 59, 564-575.	4.5	98
7	Filament Assembly by Spire: Key Residues and Concerted Actin Binding. <i>Journal of Molecular Biology</i> , 2015, 427, 824-839.	2.0	11
8	Interaction between Microtubules and the <i>Drosophila</i> Formin Cappuccino and Its Effect on Actin Assembly. <i>Journal of Biological Chemistry</i> , 2014, 289, 4395-4404.	1.6	37
9	Pulsatory Patterns in Active Fluids. <i>Physical Review Letters</i> , 2014, 112, .	2.9	56
10	MECHANOCHEMICAL PATTERN FORMATION IN THE POLARIZATION OF THE ONE-CELL <i>C. ELEGANS</i> EMBRYO. <i>World Scientific Lecture Notes in Complex Systems</i> , 2013, , 201-212.	0.1	0
11	Pattern Formation in Active Fluids. <i>Physical Review Letters</i> , 2011, 106, 028103.	2.9	191
12	Polarization of PAR Proteins by Advective Triggering of a Pattern-Forming System. <i>Science</i> , 2011, 334, 1137-1141.	6.0	290
13	Turing's next steps: the mechanochemical basis of morphogenesis. <i>Nature Reviews Molecular Cell Biology</i> , 2011, 12, 392-398.	16.1	236
14	NUPACK: Analysis and design of nucleic acid systems. <i>Journal of Computational Chemistry</i> , 2011, 32, 170-173.	1.5	1,289
15	Anisotropies in cortical tension reveal the physical basis of polarizing cortical flows. <i>Nature</i> , 2010, 467, 617-621.	13.7	434
16	Control of convergent yolk syncytial layer nuclear movement in zebrafish. <i>Development (Cambridge)</i> , 2009, 136, 1305-1315.	1.2	30
17	Thermodynamic Analysis of Interacting Nucleic Acid Strands. <i>SIAM Review</i> , 2007, 49, 65-88.	4.2	297
18	Topological constraints in nucleic acid hybridization kinetics. <i>Nucleic Acids Research</i> , 2005, 33, 4090-4095.	6.5	88

#	ARTICLE	IF	CITATIONS
19	Hydrocarbon Tracers Suggest Methane Emissions from Fossil Sources Occur Predominately Before Gas Processing and That Petroleum Plays Are a Significant Source. Environmental Science & Technology, 0, , .	4.6	3