

Michael J Bradley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10723022/publications.pdf>

Version: 2024-02-01

12
papers

682
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

868
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of SY-5609: A Selective, Noncovalent Inhibitor of CDK7. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1458-1480.	6.4	31
2	Selective inhibition of CDK7 reveals high-confidence targets and new models for TFIIH function in transcription. <i>Genes and Development</i> , 2020, 34, 1452-1473.	5.9	47
3	Discovery and Characterization of SY-1365, a Selective, Covalent Inhibitor of CDK7. <i>Cancer Research</i> , 2019, 79, 3479-3491.	0.9	91
4	Cations Stiffen Actin Filaments by Adhering a Key Structural Element to Adjacent Subunits. <i>Journal of Physical Chemistry B</i> , 2016, 120, 4558-4567.	2.6	39
5	Site-specific cation release drives actin filament severing by vertebrate cofilin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17821-17826.	7.1	45
6	Regulation of Actin by Ion-Linked Equilibria. <i>Biophysical Journal</i> , 2013, 105, 2621-2628.	0.5	37
7	Analyzing ATP Utilization by DEAD-Box RNA Helicases Using Kinetic and Equilibrium Methods. <i>Methods in Enzymology</i> , 2012, 511, 29-63.	1.0	18
8	Identification of cation-binding sites on actin that drive polymerization and modulate bending stiffness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16923-16927.	7.1	79
9	ATP Utilization and RNA Conformational Rearrangement by DEAD-Box Proteins. <i>Annual Review of Biophysics</i> , 2012, 41, 247-267.	10.0	97
10	Mechanism of Mss116 ATPase Reveals Functional Diversity of DEAD-Box Proteins. <i>Journal of Molecular Biology</i> , 2011, 409, 399-414.	4.2	63
11	Molecular Dynamics Simulation of the Escherichia coli NikR Protein: Equilibrium Conformational Fluctuations Reveal Interdomain Allosteric Communication Pathways. <i>Journal of Molecular Biology</i> , 2008, 378, 1155-1173.	4.2	63
12	Nickel-Specific Response in the Transcriptional Regulator, Escherichia coli NikR. <i>Journal of the American Chemical Society</i> , 2007, 129, 5085-5095.	13.7	72