

Daniel Elnatan

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

2,363
citations

933447

10
h-index

1199594

12
g-index

20
all docs

20
docs citations

20
times ranked

3789
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion and distal linkages govern interchromosomal dynamics during meiotic prophase. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2115883119.	7.1	8
2	Piperine, an alkaloid inhibiting the super-relaxed state of myosin, binds to the myosin regulatory light chain. Archives of Biochemistry and Biophysics, 2018, 659, 75-84.	3.0	8
3	Cilia-Associated Oxysterols Activate Smoothed. Molecular Cell, 2018, 72, 316-327.e5.	9.7	100
4	Calcium binding to a remote site can replace magnesium as cofactor for mitochondrial Hsp90 (TRAP1) ATPase activity. Journal of Biological Chemistry, 2018, 293, 13717-13724.	3.4	16
5	Liquid droplet formation by HP1 \pm suggests a role for phase separation in heterochromatin. Nature, 2017, 547, 236-240.	27.8	1,351
6	Internal Structure and Preferential Protein Binding of Colloidal Aggregates. ACS Chemical Biology, 2017, 12, 282-290.	3.4	26
7	NMR characterization of HtpG, the E. coli Hsp90, using sparse labeling with ^{13}C -methyl alanine. Journal of Biomolecular NMR, 2017, 68, 225-236.	2.8	15
8	Symmetry broken and rebroken during the ATP hydrolysis cycle of the mitochondrial Hsp90 TRAP1. ELife, 2017, 6, .	6.0	67
9	Structural Insights into Hsp90 Function. , 2016, , 251-316.		0
10	Structural Asymmetry in the Closed State of Mitochondrial Hsp90 (TRAP1) Supports a Two-Step ATP Hydrolysis Mechanism. Molecular Cell, 2014, 53, 330-343.	9.7	144
11	A novel N-terminal extension in mitochondrial TRAP1 serves as a thermal regulator of chaperone activity. ELife, 2014, 3, .	6.0	40
12	High-resolution restoration of 3D structures from widefield images with extreme low signal-to-noise-ratio. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17344-17349.	7.1	77
13	Faster STORM using compressed sensing. Nature Methods, 2012, 9, 721-723.	19.0	473