

# Daniel Elnatan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6395458/publications.pdf>

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