

Daniel S Johnson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

571
citations

9
h-index

22
g-index

22
ext. papers

673
ext. citations

9.6
avg, IF

3.51
L-index

#	Paper	IF	Citations
14	Single-molecule studies reveal dynamics of DNA unwinding by the ring-shaped T7 helicase. <i>Cell</i> , 2007 , 129, 1299-309	56.2	199
13	Synergistic action of RNA polymerases in overcoming the nucleosomal barrier. <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 745-52	17.6	98
12	ATP-induced helicase slippage reveals highly coordinated subunits. <i>Nature</i> , 2011 , 478, 132-5	50.4	82
11	Temporal and spatial organization of ESCRT protein recruitment during HIV-1 budding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12211-6	11.5	76
10	Timing of ESCRT-III protein recruitment and membrane scission during HIV-1 assembly. <i>ELife</i> , 2018 , 7,	8.9	38
9	Total internal reflection fluorescence (TIRF) microscopy illuminator for improved imaging of cell surface events. <i>Current Protocols in Cytometry</i> , 2012 , Chapter 12, Unit 12.29	3.6	23
8	Polarization-controlled TIRFM with focal drift and spatial field intensity correction. <i>Biophysical Journal</i> , 2014 , 106, 1008-19	2.9	18
7	A257T linker region mutant of T7 helicase-primase protein is defective in DNA loading and rescued by T7 DNA polymerase. <i>Journal of Biological Chemistry</i> , 2011 , 286, 20490-9	5.4	14
6	Readily Accessible Multiplane Microscopy: 3D Tracking the HIV-1 Genome in Living Cells. <i>Traffic</i> , 2016 , 17, 179-86	5.7	9
5	Modeling the dynamics and kinetics of HIV-1 Gag during viral assembly. <i>PLoS ONE</i> , 2018 , 13, e0196133	3.7	8
4	Conformation of the nuclear pore in living cells is modulated by transport state. <i>ELife</i> , 2020 , 9,	8.9	6
3	Differential interference contrast microscopy with adjustable plastic Sanderson prisms. <i>Applied Optics</i> , 2020 , 59, 3404-3410	1.7	
2	T7 DNA Polymerase Rescues the DNA Loading Defect of the A257T Linker Region Mutant of T7 Helicase-Primase Protein. <i>FASEB Journal</i> , 2011 , 25, 880.5	0.9	
1	Microscope Enclosure for Temperature Regulation and Light Isolation. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6812	2.6	