

Daniel S Johnson

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

705
citations

1039406

9
h-index

1281420

11
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22
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22
docs citations

22
times ranked

917
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Molecule Studies Reveal Dynamics of DNA Unwinding by the Ring-Shaped T7 Helicase. <i>Cell</i> , 2007, 129, 1299-1309.	13.5	219
2	Synergistic action of RNA polymerases in overcoming the nucleosomal barrier. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 745-752.	3.6	114
3	ATP-induced helicase slippage reveals highly coordinated subunits. <i>Nature</i> , 2011, 478, 132-135.	13.7	104
4	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, 12211-12216.	3.3	93
5	Timing of ESCRT-III protein recruitment and membrane scission during HIV-1 assembly. <i>ELife</i> , 2018, 7, .	2.8	64
6	Total Internal Reflection Fluorescence (TIRF) Microscopy Illuminator for Improved Imaging of Cell Surface Events. <i>Current Protocols in Cytometry</i> , 2012, 61, Unit 12.29.	3.7	27
7	Polarization-Controlled TIRFM with Focal Drift and Spatial Field Intensity Correction. <i>Biophysical Journal</i> , 2014, 106, 1008-1019.	0.2	26
8	Conformation of the nuclear pore in living cells is modulated by transport state. <i>ELife</i> , 2020, 9, .	2.8	19
9	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, 20490-20499.	1.6	15
10	Readily Accessible Multiplane Microscopy: <sc>3D</sc> Tracking the <sc>HIV</sc>â€1 Genome in Living Cells. <i>Traffic</i> , 2016, 17, 179-186.	1.3	11
11	Modeling the dynamics and kinetics of HIV-1 Gag during viral assembly. <i>PLoS ONE</i> , 2018, 13, e0196133.	1.1	11
12	Coupling of two motors: T7 helicase-primase and DNA polymerase. <i>Biophysical Journal</i> , 2009, 96, 193a.	0.2	0
13	Prevention Of Backtracking Alleviates Nucleosomal Barrier To Transcription. <i>Biophysical Journal</i> , 2009, 96, 56a.	0.2	0
14	Synergistic Action of RNA Polymerases in Overcoming the Nucleosomal Barrier. <i>Biophysical Journal</i> , 2010, 98, 67a.	0.2	0
15	ATP-Induced Helicase Slippage Reveals Highly Coordinated Subunits. <i>Biophysical Journal</i> , 2012, 102, 283a.	0.2	0
16	Microscope Enclosure for Temperature Regulation and Light Isolation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6812.	1.3	0
17	T7 DNA Polymerase Rescues the DNA Loading Defect of the A257T Linker Region Mutant of T7 Helicaseâ€Primase Protein. <i>FASEB Journal</i> , 2011, 25, 880.5.	0.2	0
18	Differential interference contrast microscopy with adjustable plastic Sanderson prisms. <i>Applied Optics</i> , 2020, 59, 3404.	0.9	0