

# Daniel S Johnson

## List of Publications by Year in Descending Order

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