

Brian P English

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.

29
papers

5,488
citations

22
h-index

41
g-index

41
ext. papers

6,834
ext. citations

14.9
avg, IF

5.08
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 29 | 3D ATAC-PALM: super-resolution imaging of the accessible genome. <i>Nature Methods</i> , 2020 , 17, 430-436 | 21.6 | 24 |
| 28 | Live-cell single particle imaging reveals the role of RNA polymerase II in histone H2A.Z eviction. <i>ELife</i> , 2020 , 9, | 8.9 | 22 |
| 27 | Synthesis of Janelia Fluor HaloTag and SNAP-Tag Ligands and Their Use in Cellular Imaging Experiments. <i>Methods in Molecular Biology</i> , 2017 , 1663, 179-188 | 1.4 | 46 |
| 26 | The 4D nucleome project. <i>Nature</i> , 2017 , 549, 219-226 | 50.4 | 332 |
| 25 | Bright photoactivatable fluorophores for single-molecule imaging. <i>Nature Methods</i> , 2016 , 13, 985-988 | 21.6 | 214 |
| 24 | Glutamate-induced RNA localization and translation in neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E6877-E6886 | 11.5 | 101 |
| 23 | Mapping translation hot-spots in live cells by tracking single molecules of mRNA and ribosomes. <i>ELife</i> , 2016 , 5, | 8.9 | 89 |
| 22 | RNA Polymerase II cluster dynamics predict mRNA output in living cells. <i>ELife</i> , 2016 , 5, | 8.9 | 140 |
| 21 | Protein-retention expansion microscopy of cells and tissues labeled using standard fluorescent proteins and antibodies. <i>Nature Biotechnology</i> , 2016 , 34, 987-92 | 44.5 | 315 |
| 20 | Real-time quantification of single RNA translation dynamics in living cells. <i>Science</i> , 2016 , 352, 1425-9 | 33.3 | 242 |
| 19 | Rapid dynamics of general transcription factor TFIIB binding during preinitiation complex assembly revealed by single-molecule analysis. <i>Genes and Development</i> , 2016 , 30, 2106-2118 | 12.6 | 34 |
| 18 | A general method to improve fluorophores for live-cell and single-molecule microscopy. <i>Nature Methods</i> , 2015 , 12, 244-50, 3 p following 250 | 21.6 | 845 |
| 17 | Inferring transient particle transport dynamics in live cells. <i>Nature Methods</i> , 2015 , 12, 838-40 | 21.6 | 98 |
| 16 | High-performance probes for light and electron microscopy. <i>Nature Methods</i> , 2015 , 12, 568-76 | 21.6 | 140 |
| 15 | A three-camera imaging microscope for high-speed single-molecule tracking and super-resolution imaging in living cells. <i>Proceedings of SPIE</i> , 2015 , 9550, 955008 | 1.7 | 10 |
| 14 | Tracking surface glycans on live cancer cells with single-molecule sensitivity. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1765-9 | 16.4 | 56 |
| 13 | Tracking Surface Glycans on Live Cancer Cells with Single-Molecule Sensitivity. <i>Angewandte Chemie</i> , 2015 , 127, 1785-1789 | 3.6 | 12 |

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| 12 | Lattice light-sheet microscopy: imaging molecules to embryos at high spatiotemporal resolution. <i>Science</i> , 2014 , 346, 1257998 | 33.3 | 1102 |
| 11 | Photoswitchable red fluorescent protein with a large Stokes shift. <i>Chemistry and Biology</i> , 2014 , 21, 1402-1414 | 15 | |
| 10 | Positive allosteric feedback regulation of the stringent response enzyme RelA by its product. <i>EMBO Reports</i> , 2012 , 13, 835-9 | 6.5 | 77 |
| 9 | Single-molecule investigations of the stringent response machinery in living bacterial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E365-73 | 11.5 | 209 |
| 8 | Single molecule tracking fluorescence microscopy in mitochondria reveals highly dynamic but confined movement of Tom40. <i>Scientific Reports</i> , 2011 , 1, 195 | 4.9 | 26 |
| 7 | When does the Michaelis-Menten equation hold for fluctuating enzymes?. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 20093-7 | 3.4 | 104 |
| 6 | Ever-fluctuating single enzyme molecules: Michaelis-Menten equation revisited. <i>Nature Chemical Biology</i> , 2006 , 2, 87-94 | 11.7 | 608 |
| 5 | Single-molecule Michaelis-Menten equations. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 19068-81 | 3.4 | 276 |
| 4 | Fluctuating enzymes: lessons from single-molecule studies. <i>Accounts of Chemical Research</i> , 2005 , 38, 923-31 | 24.3 | 318 |
| 3 | Development of a novel method to populate native disulfide-bonded intermediates for structural characterization of proteins: implications for the mechanism of oxidative folding of RNase A. <i>Journal of the American Chemical Society</i> , 2002 , 124, 4995-9 | 16.4 | 7 |
| 2 | Bright photoactivatable fluorophores for single-molecule imaging | | 5 |
| 1 | Super-resolution Imaging Reveals 3D Structure and Organizing Mechanism of Accessible Chromatin | | 3 |