

Brian P English

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.

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	Lattice light-sheet microscopy: imaging molecules to embryos at high spatiotemporal resolution. <i>Science</i> , 2014 , 346, 1257998	33.3	1102
28	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
27	Ever-fluctuating single enzyme molecules: Michaelis-Menten equation revisited. <i>Nature Chemical Biology</i> , 2006 , 2, 87-94	11.7	608
26	The 4D nucleome project. <i>Nature</i> , 2017 , 549, 219-226	50.4	332
25	Fluctuating enzymes: lessons from single-molecule studies. <i>Accounts of Chemical Research</i> , 2005 , 38, 923-31	24.3	318
24	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
23	Single-molecule Michaelis-Menten equations. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 19068-81	3.4	276
22	Real-time quantification of single RNA translation dynamics in living cells. <i>Science</i> , 2016 , 352, 1425-9	33.3	242
21	Bright photoactivatable fluorophores for single-molecule imaging. <i>Nature Methods</i> , 2016 , 13, 985-988	21.6	214
20	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
19	High-performance probes for light and electron microscopy. <i>Nature Methods</i> , 2015 , 12, 568-76	21.6	140
18	RNA Polymerase II cluster dynamics predict mRNA output in living cells. <i>ELife</i> , 2016 , 5,	8.9	140
17	When does the Michaelis-Menten equation hold for fluctuating enzymes?. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 20093-7	3.4	104
16	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
15	Inferring transient particle transport dynamics in live cells. <i>Nature Methods</i> , 2015 , 12, 838-40	21.6	98
14	Mapping translation hot-spots in live cells by tracking single molecules of mRNA and ribosomes. <i>ELife</i> , 2016 , 5,	8.9	89
13	Positive allosteric feedback regulation of the stringent response enzyme RelA by its product. <i>EMBO Reports</i> , 2012 , 13, 835-9	6.5	77

12	Tracking surface glycans on live cancer cells with single-molecule sensitivity. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1765-9	16.4	56
11	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
10	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
9	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
8	3D ATAC-PALM: super-resolution imaging of the accessible genome. <i>Nature Methods</i> , 2020 , 17, 430-436	21.6	24
7	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
6	Photoswitchable red fluorescent protein with a large Stokes shift. <i>Chemistry and Biology</i> , 2014 , 21, 1402-1414		15
5	Tracking Surface Glycans on Live Cancer Cells with Single-Molecule Sensitivity. <i>Angewandte Chemie</i> , 2015 , 127, 1785-1789	3.6	12
4	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
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