

Christopher J Tynan

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.

20
papers

659
citations

13
h-index

22
g-index

22
ext. papers

817
ext. citations

6.8
avg, IF

3.18
L-index

#	Paper	IF	Citations
20	Hydrophobic fluorescent probes introduce artifacts into single molecule tracking experiments due to non-specific binding. <i>PLoS ONE</i> , 2013 , 8, e74200	3.7	104
19	EGFR oligomerization organizes kinase-active dimers into competent signalling platforms. <i>Nature Communications</i> , 2016 , 7, 13307	17.4	91
18	Focal adhesions are sites of integrin extension. <i>Journal of Cell Biology</i> , 2010 , 188, 891-903	7.3	91
17	Single-molecule imaging and fluorescence lifetime imaging microscopy show different structures for high- and low-affinity epidermal growth factor receptors in A431 cells. <i>Biophysical Journal</i> , 2008 , 94, 803-19	2.9	69
16	Candidalysin activates innate epithelial immune responses via epidermal growth factor receptor. <i>Nature Communications</i> , 2019 , 10, 2297	17.4	53
15	Automated multidimensional single molecule fluorescence microscopy feature detection and tracking. <i>European Biophysics Journal</i> , 2011 , 40, 1167-86	1.9	38
14	The architecture of EGFRs basal complexes reveals autoinhibition mechanisms in dimers and oligomers. <i>Nature Communications</i> , 2018 , 9, 4325	17.4	37
13	Human epidermal growth factor receptor (EGFR) aligned on the plasma membrane adopts key features of Drosophila EGFR asymmetry. <i>Molecular and Cellular Biology</i> , 2011 , 31, 2241-52	4.8	31
12	3D visualization of additive occlusion and tunable full-spectrum fluorescence in calcite. <i>Nature Communications</i> , 2016 , 7, 13524	17.4	30
11	Self-association of calcium-binding protein S100A4 and metastasis. <i>Journal of Biological Chemistry</i> , 2010 , 285, 914-22	5.4	28
10	Multicolour single molecule imaging in cells with near infra-red dyes. <i>PLoS ONE</i> , 2012 , 7, e36265	3.7	24
9	Structure-function relationships and supramolecular organization of the EGFR (epidermal growth factor receptor) on the cell surface. <i>Biochemical Society Transactions</i> , 2014 , 42, 114-9	5.1	16
8	A tale of the epidermal growth factor receptor: The quest for structural resolution on cells. <i>Methods</i> , 2016 , 95, 86-93	4.6	13
7	Optics clustered to output unique solutions: a multi-laser facility for combined single molecule and ensemble microscopy. <i>Review of Scientific Instruments</i> , 2011 , 82, 093705	1.7	8
6	Nanometric molecular separation measurements by single molecule photobleaching. <i>Methods</i> , 2015 , 88, 76-80	4.6	7
5	Investigating extracellular in situ EGFR structure and conformational changes using FRET microscopy. <i>Biochemical Society Transactions</i> , 2012 , 40, 189-94	5.1	7
4	Supramolecular clustering of the cardiac sodium channel Nav1.5 in HEK293F cells, with and without the auxiliary β -subunit. <i>FASEB Journal</i> , 2020 , 34, 3537-3553	0.9	4

3	Determining the geometry of oligomers of the human epidermal growth factor family on cells with . <i>Biochemical Society Transactions</i> , 2015 , 43, 309-14	5.1	4
2	Determining the geometry of oligomers of the human epidermal growth factor family on cells with 7Å resolution. <i>Progress in Biophysics and Molecular Biology</i> , 2015 , 118, 139-52	4.7	3
1	AR cooperates with SMAD4 to maintain skeletal muscle homeostasis.. <i>Acta Neuropathologica</i> , 2022 , 143, 713-731	14.3	1