

# Christopher J Tynan

## 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.

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	AR cooperates with SMAD4 to maintain skeletal muscle homeostasis.. <i>Acta Neuropathologica</i> , <b>2022</b> , 143, 713-731	14.3	1
19	Supramolecular clustering of the cardiac sodium channel Nav1.5 in HEK293F cells, with and without the auxiliary $\beta$ -subunit. <i>FASEB Journal</i> , <b>2020</b> , 34, 3537-3553	0.9	4
18	Candidalysin activates innate epithelial immune responses via epidermal growth factor receptor. <i>Nature Communications</i> , <b>2019</b> , 10, 2297	17.4	53
17	The architecture of EGFRs basal complexes reveals autoinhibition mechanisms in dimers and oligomers. <i>Nature Communications</i> , <b>2018</b> , 9, 4325	17.4	37
16	EGFR oligomerization organizes kinase-active dimers into competent signalling platforms. <i>Nature Communications</i> , <b>2016</b> , 7, 13307	17.4	91
15	3D visualization of additive occlusion and tunable full-spectrum fluorescence in calcite. <i>Nature Communications</i> , <b>2016</b> , 7, 13524	17.4	30
14	A tale of the epidermal growth factor receptor: The quest for structural resolution on cells. <i>Methods</i> , <b>2016</b> , 95, 86-93	4.6	13
13	Determining the geometry of oligomers of the human epidermal growth factor family on cells with 7nm resolution. <i>Progress in Biophysics and Molecular Biology</i> , <b>2015</b> , 118, 139-52	4.7	3
12	Determining the geometry of oligomers of the human epidermal growth factor family on cells with . <i>Biochemical Society Transactions</i> , <b>2015</b> , 43, 309-14	5.1	4
11	Nanometric molecular separation measurements by single molecule photobleaching. <i>Methods</i> , <b>2015</b> , 88, 76-80	4.6	7
10	Structure-function relationships and supramolecular organization of the EGFR (epidermal growth factor receptor) on the cell surface. <i>Biochemical Society Transactions</i> , <b>2014</b> , 42, 114-9	5.1	16
9	Hydrophobic fluorescent probes introduce artifacts into single molecule tracking experiments due to non-specific binding. <i>PLoS ONE</i> , <b>2013</b> , 8, e74200	3.7	104
8	Investigating extracellular in situ EGFR structure and conformational changes using FRET microscopy. <i>Biochemical Society Transactions</i> , <b>2012</b> , 40, 189-94	5.1	7
7	Multicolour single molecule imaging in cells with near infra-red dyes. <i>PLoS ONE</i> , <b>2012</b> , 7, e36265	3.7	24
6	Automated multidimensional single molecule fluorescence microscopy feature detection and tracking. <i>European Biophysics Journal</i> , <b>2011</b> , 40, 1167-86	1.9	38
5	Optics clustered to output unique solutions: a multi-laser facility for combined single molecule and ensemble microscopy. <i>Review of Scientific Instruments</i> , <b>2011</b> , 82, 093705	1.7	8
4	Human epidermal growth factor receptor (EGFR) aligned on the plasma membrane adopts key features of Drosophila EGFR asymmetry. <i>Molecular and Cellular Biology</i> , <b>2011</b> , 31, 2241-52	4.8	31

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| 3 | Self-association of calcium-binding protein S100A4 and metastasis. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 914-22  | 5.4 | 28 |
| 2 | Focal adhesions are sites of integrin extension. <i>Journal of Cell Biology</i> , <b>2010</b> , 188, 891-903   | 7.3 | 91 |
| 1 | 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> , <b>2008</b> , 94, 803-19 | 2.9 | 69 |