

# Andrew Ha Clayton

## List of Publications by Year in descending order

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19  
papers

899  
citations

687363

13  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Confocal Microscopy Reveals Cell Surface Receptor Aggregation Through Image Correlation Spectroscopy. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	3
2	Fluorescence-based approaches for monitoring membrane receptor oligomerization. <i>Journal of Biosciences</i> , 2018, 43, 463-469.	1.1	4
3	UV-Vis spectroscopy and solvatochromism of the tyrosine kinase inhibitor AG-1478. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 164, 128-132.	3.9	14
4	BioNetFit: a fitting tool compatible with BioNetGen, Nfsim and distributed computing environments. <i>Bioinformatics</i> , 2016, 32, 798-800.	4.1	31
5	Aggregation Distributions on Cells Determined by Photobleaching Image Correlation Spectroscopy. <i>Biophysical Journal</i> , 2013, 104, 1056-1064.	0.5	26
6	Ligand binding induces a conformational change in epidermal growth factor receptor dimers. <i>Growth Factors</i> , 2012, 30, 394-409.	1.7	20
7	Organization of Higher-Order Oligomers of the Serotonin1A Receptor Explored Utilizing Homo-FRET in Live Cells. <i>Biophysical Journal</i> , 2011, 100, 361-368.	0.5	95
8	Fixation alters fluorescence lifetime and anisotropy of cells expressing EYFP-tagged serotonin1A receptor. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 234-237.	2.1	23
9	Epidermal Growth Factor Kinases and their Activation in Receptor Mediated Signaling. , 2010, , 329-336.		0
10	Enumeration of Oligomerization States of Membrane Proteins in Living Cells by Homo-FRET Spectroscopy and Microscopy: Theory and Application. <i>Biophysical Journal</i> , 2007, 92, 3098-3104.	0.5	91
11	Fluorescence and analytical ultracentrifugation analyses of the interaction of the tyrosine kinase inhibitor, tyrphostin AG1478-mesylate, with albumin. <i>Analytical Biochemistry</i> , 2005, 342, 292-299.	2.4	8
12	Ligand-induced Dimer-Tetramer Transition during the Activation of the Cell Surface Epidermal Growth Factor Receptor-A Multidimensional Microscopy Analysis. <i>Journal of Biological Chemistry</i> , 2005, 280, 30392-30399.	3.4	232
13	[6] Photophysics of green and red fluorescent proteins: Implications for quantitative microscopy. <i>Methods in Enzymology</i> , 2003, 360, 178-201.	1.0	30
14	Dynamic Fluorescence Anisotropy Imaging Microscopy in the Frequency Domain (rFLIM). <i>Biophysical Journal</i> , 2002, 83, 1631-1649.	0.5	201
15	Site-Specific Tryptophan Dynamics in Class A Amphipathic Helical Peptides at a Phospholipid Bilayer Interface. <i>Biophysical Journal</i> , 2000, 79, 1066-1073.	0.5	21
16	Oriented circular dichroism of a class A amphipathic helix in aligned phospholipid multilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1467, 124-130.	2.6	15
17	Tryptophan Rotamer Distributions in Amphipathic Peptides at a Lipid Surface. <i>Biophysical Journal</i> , 1999, 76, 3235-3242.	0.5	56
18	Electron and singlet energy transfer in rigid supramolecular systems. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1994, 80, 323-331.	3.9	16

#	ARTICLE	IF	CITATIONS
19	Photoinduced electron transfer in rigidly linked dimethoxynaphthalene-N-methylpyridinium donor-acceptor molecules. <i>Chemical Physics Letters</i> , 1992, 195, 249-254.	2.6	13