John R James

List of Publications by Year in descending order

25 papers	1,846 citations	471371 17 h-index	642610 23 g-index
27 all docs	27 docs citations	27 times ranked	3022 citing authors

#	Article	IF	Citations
1	Quantifying persistence in the Tâ€cell signaling network using an optically controllable antigen receptor. Molecular Systems Biology, 2021, 17, e10091.	3.2	12
2	Tyrosine 192 within the SH2 domain of the Src-protein tyrosine kinase p56Lck regulates T-cell activation independently of Lck/CD45 interactions. Cell Communication and Signaling, 2020, 18, 183.	2.7	12
3	Measuring GPCR Stoichiometry Using Types-1, -2, and -3 Bioluminescence Resonance Energy Transfer-Based Assays. Methods in Molecular Biology, 2019, 1947, 183-197.	0.4	0
4	Human interleukin-2 receptor Î² mutations associated with defects in immunity and peripheral tolerance. Journal of Experimental Medicine, 2019, 216, 1311-1327.	4.2	62
5	Tuning ITAM multiplicity on T cell receptors can control potency and selectivity to ligand density. Science Signaling, 2018, 11, .	1.6	62
6	Membrane-Proximal Epitope Facilitates Efficient T Cell Synapse Formation by Anti-FcRH5/CD3 and Is a Requirement for Myeloma Cell Killing. Cancer Cell, 2017, 31, 383-395.	7.7	220
7	Using the force to find the peptides youâ€™re looking for. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10303-10305.	3.3	3
8	Encoding optical control in LCK kinase to quantitatively investigate its activity in live cells. Nature Structural and Molecular Biology, 2017, 24, 1155-1163.	3.6	49
9	MARK4 regulates NLRP3 positioning and inflammasome activation through a microtubule-dependent mechanism. Nature Communications, 2017, 8, 15986.	5.8	104
10	Anti-FcRH5/CD3 T Cell Dependent Bispecific Antibody (TDB) for the Treatment of Multiple Myeloma. Blood, 2016, 128, 4475-4475.	0.6	4
11	Selective, rapid and optically switchable regulation of protein function in live mammalian cells. Nature Chemistry, 2015, 7, 554-561.	6.6	136
12	Biophysical mechanism of T-cell receptor triggering in a reconstituted system. Nature, 2012, 487, 64-69.	13.7	299
13	The T Cell Receptor Triggering Apparatus Is Composed of Monovalent or Monomeric Proteins. Journal of Biological Chemistry, 2011, 286, 31993-32001.	1.6	61
14	A New Pathway of CD5 Glycoprotein-mediated T Cell Inhibition Dependent on Inhibitory Phosphorylation of Fyn Kinase. Journal of Biological Chemistry, 2011, 286, 30324-30336.	1.6	31
15	Distinctive Properties of the Hyaluronan-binding Domain in the Lymphatic Endothelial Receptor Lyve-1 and Their Implications for Receptor Function. Journal of Biological Chemistry, 2010, 285, 10724-10735.	1.6	45
16	The Platelet Receptor CLEC-2 Is Active as a Dimer. Biochemistry, 2009, 48, 10988-10996.	1.2	63
17	Dynamic Single-molecule Colocalization Imaging - A New Method For Examining Membrane Protein Association In Living Cells. Biophysical Journal, 2009, 96, 25a.	0.2	0
18	DySCo: Quantitating Associations of Membrane Proteins Using Two-Color Single-Molecule Tracking. Biophysical Journal, 2009, 97, L5-L7.	0.2	63

#	Article	IF	Citations
19	Ferroportin: Lack of evidence for multimers. Blood Cells, Molecules, and Diseases, 2008, 40, 360-369.	0.6	26
20	Single-molecule level analysis of the subunit composition of the T cell receptor on live T cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17662-17667.	3.3	79
21	BRET analysis of GPCR oligomerization: newer does not mean better. Nature Methods, 2007, 4, 4-4.	9.0	4
22	Reply to: Experimental challenge to a 'rigorous' BRET analysis of GPCR oligomerization. Nature Methods, 2007, 4, 601-601.	9.0	6
23	Glycoprotein VI oligomerization in cell lines and platelets. Journal of Thrombosis and Haemostasis, 2007, 5, 1026-1033.	1.9	51
24	A rigorous experimental framework for detecting protein oligomerization using bioluminescence resonance energy transfer. Nature Methods, 2006, 3, 1001-1006.	9.0	300
25	Crystal structure of a soluble CD28-Fab complex. Nature Immunology, 2005, 6, 271-279.	7.0	153