

John R James

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,846
citations

471509

17
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

3022
citing authors

#	ARTICLE	IF	CITATIONS
1	A rigorous experimental framework for detecting protein oligomerization using bioluminescence resonance energy transfer. <i>Nature Methods</i> , 2006, 3, 1001-1006.	19.0	300
2	Biophysical mechanism of T-cell receptor triggering in a reconstituted system. <i>Nature</i> , 2012, 487, 64-69.	27.8	299
3	Membrane-Proximal Epitope Facilitates Efficient T Cell Synapse Formation by Anti-FcRH5/CD3 and Is a Requirement for Myeloma Cell Killing. <i>Cancer Cell</i> , 2017, 31, 383-395.	16.8	220
4	Crystal structure of a soluble CD28-Fab complex. <i>Nature Immunology</i> , 2005, 6, 271-279.	14.5	153
5	Selective, rapid and optically switchable regulation of protein function in live mammalian cells. <i>Nature Chemistry</i> , 2015, 7, 554-561.	13.6	136
6	MARK4 regulates NLRP3 positioning and inflammasome activation through a microtubule-dependent mechanism. <i>Nature Communications</i> , 2017, 8, 15986.	12.8	104
7	Single-molecule level analysis of the subunit composition of the T cell receptor on live T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17662-17667.	7.1	79
8	The Platelet Receptor CLEC-2 Is Active as a Dimer. <i>Biochemistry</i> , 2009, 48, 10988-10996.	2.5	63
9	DySCo: Quantitating Associations of Membrane Proteins Using Two-Color Single-Molecule Tracking. <i>Biophysical Journal</i> , 2009, 97, L5-L7.	0.5	63
10	Tuning ITAM multiplicity on T cell receptors can control potency and selectivity to ligand density. <i>Science Signaling</i> , 2018, 11, .	3.6	62
11	Human interleukin-2 receptor β^2 mutations associated with defects in immunity and peripheral tolerance. <i>Journal of Experimental Medicine</i> , 2019, 216, 1311-1327.	8.5	62
12	The T Cell Receptor Triggering Apparatus Is Composed of Monovalent or Monomeric Proteins. <i>Journal of Biological Chemistry</i> , 2011, 286, 31993-32001.	3.4	61
13	Glycoprotein VI oligomerization in cell lines and platelets. <i>Journal of Thrombosis and Haemostasis</i> , 2007, 5, 1026-1033.	3.8	51
14	Encoding optical control in LCK kinase to quantitatively investigate its activity in live cells. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 1155-1163.	8.2	49
15	Distinctive Properties of the Hyaluronan-binding Domain in the Lymphatic Endothelial Receptor Lyve-1 and Their Implications for Receptor Function. <i>Journal of Biological Chemistry</i> , 2010, 285, 10724-10735.	3.4	45
16	A New Pathway of CD5 Glycoprotein-mediated T Cell Inhibition Dependent on Inhibitory Phosphorylation of Fyn Kinase. <i>Journal of Biological Chemistry</i> , 2011, 286, 30324-30336.	3.4	31
17	Ferroportin: Lack of evidence for multimers. <i>Blood Cells, Molecules, and Diseases</i> , 2008, 40, 360-369.	1.4	26
18	Tyrosine 192 within the SH2 domain of the Src-protein tyrosine kinase p56Lck regulates T-cell activation independently of Lck/CD45 interactions. <i>Cell Communication and Signaling</i> , 2020, 18, 183.	6.5	12

#	ARTICLE	IF	CITATIONS
19	Quantifying persistence in the T cell signaling network using an optically controllable antigen receptor. <i>Molecular Systems Biology</i> , 2021, 17, e10091.	7.2	12
20	Reply to: Experimental challenge to a 'rigorous' BRET analysis of GPCR oligomerization. <i>Nature Methods</i> , 2007, 4, 601-601.	19.0	6
21	BRET analysis of GPCR oligomerization: newer does not mean better. <i>Nature Methods</i> , 2007, 4, 4-4.	19.0	4
22	Anti-FcRH5/CD3 T Cell Dependent Bispecific Antibody (TDB) for the Treatment of Multiple Myeloma. <i>Blood</i> , 2016, 128, 4475-4475.	1.4	4
23	Using the force to find the peptides you're looking for. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10303-10305.	7.1	3
24	Dynamic Single-molecule Colocalization Imaging - A New Method For Examining Membrane Protein Association In Living Cells. <i>Biophysical Journal</i> , 2009, 96, 25a.	0.5	0
25	Measuring GPCR Stoichiometry Using Types-1, -2, and -3 Bioluminescence Resonance Energy Transfer-Based Assays. <i>Methods in Molecular Biology</i> , 2019, 1947, 183-197.	0.9	0