

Martin Poenie

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

5,056
citations

361413
20
h-index

552781
26
g-index

32
all docs

32
docs citations

32
times ranked

2792
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of cytosolic free Ca ²⁺ in individual small cells using fluorescence microscopy with dual excitation wavelengths. <i>Cell Calcium</i> , 1985, 6, 145-157.	2.4	679
2	Requirement for intrinsic protein tyrosine kinase in the immediate and late actions of the EGF receptor. <i>Nature</i> , 1987, 328, 820-823.	27.8	606
3	Changes of free calcium levels with stages of the cell division cycle. <i>Nature</i> , 1985, 315, 147-149.	27.8	601
4	Calcium rises abruptly and briefly throughout the cell at the onset of anaphase. <i>Science</i> , 1986, 233, 886-889.	12.6	547
5	Fluorescence ratio imaging: a new window into intracellular ionic signaling. <i>Trends in Biochemical Sciences</i> , 1986, 11, 450-455.	7.5	400
6	Imaging of cytosolic Ca ²⁺ transients arising from Ca ²⁺ stores and Ca ²⁺ channels in sympathetic neurons. <i>Neuron</i> , 1988, 1, 355-365.	8.1	325
7	Alteration of intracellular Fura-2 fluorescence by viscosity: A simple correction. <i>Cell Calcium</i> , 1990, 11, 85-91.	2.4	315
8	Spatial distribution of calcium channels and cytosolic calcium transients in growth cones and cell bodies of sympathetic neurons.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1988, 85, 2398-2402.	7.1	265
9	Expression and function of the CD3-antigen receptor on murine CD4+8+ thymocytes. <i>Nature</i> , 1987, 330, 170-173.	27.8	243
10	Dynamic Polarization of the Microtubule Cytoskeleton during CTL-Mediated Killing. <i>Immunity</i> , 2002, 16, 111-121.	14.3	241
11	Recruitment of dynein to the Jurkat immunological synapse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 14883-14888.	7.1	180
12	New fluorescent calcium indicators designed for cytosolic retention or measuring calcium near membranes. <i>Biophysical Journal</i> , 1995, 69, 2112-2124.	0.5	154
13	Pleiotropic loss of activation pathways in a T-cell receptor $\hat{\pm}$ -chain deletion variant of a cytolytic T-cell clone. <i>Nature</i> , 1987, 325, 628-631.	27.8	96
14	Near-membrane [Ca ²⁺] transients resolved using the Ca ²⁺ indicator FFP18.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 5368-5373.	7.1	92
15	Extraction of Algal Lipids and Their Analysis by HPLC and Mass Spectrometry. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2012, 89, 1371-1381.	1.9	59
16	Dynein Separately Partners with NDE1 and Dynactin To Orchestrate T Cell Focused Secretion. <i>Journal of Immunology</i> , 2016, 197, 2090-2101.	0.8	46
17	Signalling of the BCR is regulated by a lipid rafts-localised transcription factor, Bright. <i>EMBO Journal</i> , 2009, 28, 711-724.	7.8	43
18	Modulated Polarization Microscopy: A Promising New Approach to Visualizing Cytoskeletal Dynamics in Living Cells. <i>Biophysical Journal</i> , 2001, 80, 972-985.	0.5	42

#	ARTICLE	IF	CITATIONS
19	Dynein and Dynactin Leverage Their Bivalent Character to Form a High-Affinity Interaction. PLoS ONE, 2013, 8, e59453.	2.5	38
20	Real-time visualization of the cytoskeleton and effector functions in T cells. Current Opinion in Immunology, 2004, 16, 428-438.	5.5	37
21	The Dynamics of (Ca ²⁺) _i during Mitosis. , 1987, , 133-157.		14
22	Murine T-Lymphomas Corresponding to the Immature CD4-8+Thymocyte Subset. Autoimmunity, 1991, 1, 255-263.	0.6	8
23	The DISC1-Girdin complex: a missing link in signaling to the T cell cytoskeleton. Journal of Cell Science, 2020, 133, .	2.0	5
24	Use of Anion Exchange Resins for One-Step Processing of Algae from Harvest to Biofuel. Energies, 2012, 5, 2608-2625.	3.1	4
25	Fluorescent Calcium Indicators Based on BAPTA. , 2005, , 1-50.		4
26	Role of Ti/CD3, Thy-1, and Ly-6 in Cytolytic T-Cell Activation Analyzed with Ti Loss Variants. Annals of the New York Academy of Sciences, 1988, 532, 33-43.	3.8	3
27	Measurement of Intracellular Calcium with Fluorescent Calcium Indicators. , 1992, , 129-174.		3
28	NEW FLUORESCENT PROBES FOR CELL BIOLOGY. , 1993, , 1-25.		3
29	Highways and byways to the secretory synapse. Self/nonsel, 2010, 1, 69-70.	2.0	1
30	Resins that reversibly bind algae for harvesting and concentration. Environmental Progress and Sustainable Energy, 2013, 32, 1143-1149.	2.3	1
31	Role of the MTOC in T Cell Effector Functions. , 2012, , 365-383.		1
32	Dynein Function in T Cell MTOC Translocation and Vesicle Movements. Biophysical Journal, 2012, 102, 703a.	0.5	0