

List of Publications by Year in descending order

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35
papers

2,129
citations

377584

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445137

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docs citations

43
times ranked

3859
citing authors

#	ARTICLE	IF	CITATIONS
1	SNX9-induced membrane tubulation regulates CD28 cluster stability and signalling. <i>ELife</i> , 2022, 11, .	2.8	5
2	T cell morphodynamics reveal periodic shape oscillations in three-dimensional migration. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20220081.	1.5	3
3	Optimizing the Polymer Cloak for Upconverting Nanoparticles: An Evaluation of Bioactivity and Optical Performance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16142-16154.	4.0	15
4	Osteoclasts recycle via osteomorphs during RANKL-stimulated bone resorption. <i>Cell</i> , 2021, 184, 1330-1347.e13.	13.5	203
5	Detection and characterization of chemotaxis without cell tracking. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20200879.	1.5	4
6	4D analysis of malaria parasite invasion offers insights into erythrocyte membrane remodeling and parasitophorous vacuole formation. <i>Nature Communications</i> , 2021, 12, 3620.	5.8	38
7	Partial loss of actin nucleator actin-related protein 2/3 activity triggers blebbing in primary T lymphocytes. <i>Immunology and Cell Biology</i> , 2020, 98, 93-113.	1.0	20
8	Two high-yield complementary methods to sort cell populations by their 2D or 3D migration speed. <i>Molecular Biology of the Cell</i> , 2020, 31, 2779-2790.	0.9	1
9	Nuclear F-actin counteracts nuclear deformation and promotes fork repair during replication stress. <i>Nature Cell Biology</i> , 2020, 22, 1460-1470.	4.6	87
10	Keratins are asymmetrically inherited fate determinants in the mammalian embryo. <i>Nature</i> , 2020, 585, 404-409.	13.7	69
11	The Lifect-EGFP mouse is a translationally controlled fluorescent reporter of T cell activation. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	9
12	TMEM87a/Elkin1, a component of a novel mechanoelectrical transduction pathway, modulates melanoma adhesion and migration. <i>ELife</i> , 2020, 9, .	2.8	43
13	Cytotoxic T cells swarm by homotypic chemokine signalling. <i>ELife</i> , 2020, 9, .	2.8	46
14	Flotillins promote T cell receptor sorting through a fast Rab5-Rab11 endocytic recycling axis. <i>Nature Communications</i> , 2019, 10, 4392.	5.8	27
15	Tropomyosin concentration but not formin nucleators mDia1 and mDia3 determines the level of tropomyosin incorporation into actin filaments. <i>Scientific Reports</i> , 2019, 9, 6504.	1.6	11
16	Tropomyosin Tpm 2.1 loss induces glioblastoma spreading in soft brain-like environments. <i>Journal of Neuro-Oncology</i> , 2019, 141, 303-313.	1.4	10
17	Expanding Actin Rings Zipper the Mouse Embryo for Blastocyst Formation. <i>Cell</i> , 2018, 173, 776-791.e17.	13.5	111
18	Mechanoimmunology: molecular-scale forces govern immune cell functions. <i>Molecular Biology of the Cell</i> , 2018, 29, 1919-1926.	0.9	39

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19	Memory B cells are reactivated in subcapsular proliferative foci of lymph nodes. <i>Nature Communications</i> , 2018, 9, 3372.	5.8	88
20	RhoA regulates actin network dynamics during apical surface emergence in multiciliated epithelial cells. <i>Journal of Cell Science</i> , 2017, 130, 420-428.	1.2	45
21	RhoA regulates actin network dynamics during apical surface emergence in multiciliated epithelial cells. <i>Development (Cambridge)</i> , 2017, 144, e1.2-e1.2.	1.2	0
22	Relationship between nanotopographical alignment and stem cell fate with live imaging and shape analysis. <i>Scientific Reports</i> , 2016, 6, 37909.	1.6	54
23	TriKEs and BiKEs join CARs on the cancer immunotherapy highway. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 2790-2796.	1.4	47
24	Emergence of an Apical Epithelial Cell Surface In Vivo. <i>Developmental Cell</i> , 2016, 36, 24-35.	3.1	86
25	Antigen-specific T cells fully conserve antitumour function following cryopreservation. <i>Immunology and Cell Biology</i> , 2016, 94, 411-418.	1.0	21
26	Dual pipette aspiration: A unique tool for studying intercellular adhesion. <i>Methods in Cell Biology</i> , 2015, 125, 255-267.	0.5	24
27	The Skin Immune Atlas: Three-Dimensional Analysis of Cutaneous Leukocyte Subsets by Multiphoton Microscopy. <i>Journal of Investigative Dermatology</i> , 2015, 135, 84-93.	0.3	96
28	Leukocyte migration in the interstitial space of non-lymphoid organs. <i>Nature Reviews Immunology</i> , 2014, 14, 232-246.	10.6	194
29	Targeting Rho GTPases in immune cell migration and inflammation. <i>British Journal of Pharmacology</i> , 2014, 171, 5491-5506.	2.7	85
30	Cellular Control of Cortical Actin Nucleation. <i>Current Biology</i> , 2014, 24, 1628-1635.	1.8	219
31	T cell migration in intact lymph nodes in vivo. <i>Current Opinion in Cell Biology</i> , 2014, 30, 17-24.	2.6	37
32	Cell cortex composition and homeostasis resolved by integrating proteomics and quantitative imaging. <i>Cytoskeleton</i> , 2013, 70, 741-754.	1.0	76
33	Polar actomyosin contractility destabilizes the position of the cytokinetic furrow. <i>Nature</i> , 2011, 476, 462-466.	13.7	299
34	TLM-Converter: reorganization of long time-lapse microscopy datasets for downstream image analysis. <i>BioTechniques</i> , 2011, 51, 49-54.	0.8	7
35	Analysis of De Novo Cell Cortex Assembly in Blebs as a Novel Assay for Probing Cortical Dynamics and Regulation. <i>Biophysical Journal</i> , 2010, 98, 159a.	0.2	0