

Valentin JaumouillÃ©

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/792817/publications.pdf>

Version: 2024-02-01

23
papers

2,080
citations

516710

16
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

3895
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cell Biology of Phagocytosis. Annual Review of Pathology: Mechanisms of Disease, 2012, 7, 61-98.	22.4	791
2	The position of lysosomes within the cell determines their luminal pH. Journal of Cell Biology, 2016, 212, 677-692.	5.2	438
3	Actin Cytoskeleton Reorganization by Syk Regulates Fc γ 3 Receptor Responsiveness by Increasing Its Lateral Mobility and Clustering. Developmental Cell, 2014, 29, 534-546.	7.0	103
4	Coupling of β 2 integrins to actin by a mechanosensitive molecular clutch drives complement receptor-mediated phagocytosis. Nature Cell Biology, 2019, 21, 1357-1369.	10.3	98
5	Physical Constraints and Forces Involved in Phagocytosis. Frontiers in Immunology, 2020, 11, 1097.	4.8	81
6	Toll-like receptor ligands sensitize B-cell receptor signalling by reducing actin-dependent spatial confinement of the receptor. Nature Communications, 2015, 6, 6168.	12.8	79
7	Crl Activates Transcription Initiation of RpoS-Regulated Genes Involved in the Multicellular Behavior of Salmonella enterica Serovar Typhimurium. Journal of Bacteriology, 2006, 188, 3983-3994.	2.2	78
8	Receptor mobility, the cytoskeleton, and particle binding during phagocytosis. Current Opinion in Cell Biology, 2011, 23, 22-29.	5.4	69
9	Cytoplasmic targeting of IpaC to the bacterial pole directs polar type III secretion in Shigella. EMBO Journal, 2008, 27, 447-457.	7.8	56
10	Membrane surface charge dictates the structure and function of the epithelial Na ⁺ /H ⁺ exchanger. EMBO Journal, 2011, 30, 679-691.	7.8	53
11	Simultaneous multiview capture and fusion improves spatial resolution in wide-field and light-sheet microscopy. Optica, 2016, 3, 897.	9.3	53
12	Burkholderia cenocepacia disrupts host cell actin cytoskeleton by inactivating Rac and Cdc42. Cellular Microbiology, 2012, 14, 239-254.	2.1	32
13	Chemokine Signaling Enhances CD36 Responsiveness toward Oxidized Low-Density Lipoproteins and Accelerates Foam Cell Formation. Cell Reports, 2016, 14, 2859-2871.	6.4	26
14	Molecular Mechanisms of Phagosome Formation. Microbiology Spectrum, 2016, 4, .	3.0	25
15	Cytoskeletal confinement of CX ₃ CL1 limits its susceptibility to proteolytic cleavage by ADAM10. Molecular Biology of the Cell, 2014, 25, 3884-3899.	2.1	22
16	Inactivation of Rho GTPases by Burkholderia cenocepacia Induces a WASH-Mediated Actin Polymerization that Delays Phagosome Maturation. Cell Reports, 2020, 31, 107721.	6.4	20
17	The R740S mutation in the V-ATPase α 3 subunit increases lysosomal pH, impairs NFATc1 translocation, and decreases in vitro osteoclastogenesis. Journal of Bone and Mineral Research, 2013, 28, 108-118.	2.8	19
18	A B-cell actomyosin arc network couples integrin co-stimulation to mechanical force-dependent immune synapse formation. ELife, 2022, 11, .	6.0	13

#	ARTICLE	IF	CITATIONS
19	A Weak Base-Generating System Suitable for Selective Manipulation of Lysosomal pH. <i>Traffic</i> , 2011, 12, 1490-1500.	2.7	10
20	The calmodulin antagonist W-7 inhibits the epithelial Na ⁺ /H ⁺ exchanger via modulating membrane surface potential. <i>Channels</i> , 2011, 5, 308-313.	2.8	5
21	Molecular Mechanisms of Phagosome Formation. , 0, , 507-526.		3
22	Editorial: Phagocytes in Immunity: Linking Material Internalization to Immune Responses and Therapeutic Strategies. <i>Frontiers in Immunology</i> , 2021, 12, 772256.	4.8	0
23	Measurement of Minute Cellular Forces by Traction Force Microscopy. <i>Methods in Molecular Biology</i> , 2022, 2440, 125-139.	0.9	0