

Youhei Egami

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

673
citations

687363

13
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

1000
citing authors

#	ARTICLE	IF	CITATIONS
1	Small GTPases and phosphoinositides in the regulatory mechanisms of macropinosome formation and maturation. <i>Frontiers in Physiology</i> , 2014, 5, 374.	2.8	116
2	Dissecting the roles of Rac1 activation and deactivation in macropinocytosis using microscopic photo-manipulation. <i>Scientific Reports</i> , 2013, 3, 2385.	3.3	107
3	Phosphoinositide metabolism during membrane ruffling and macropinosome formation in EGF-stimulated A431 cells. <i>Experimental Cell Research</i> , 2007, 313, 1496-1507.	2.6	102
4	Rab35 regulates phagosome formation through recruitment of ACAP2 in macrophages during Fc γ 3R-mediated phagocytosis. <i>Journal of Cell Science</i> , 2011, 124, 3557-3567.	2.0	74
5	Activation-Inactivation Cycling of Rab35 and ARF6 Is Required for Phagocytosis of Zymosan in RAW264 Macrophages. <i>Journal of Immunology Research</i> , 2015, 2015, 1-12.	2.2	38
6	Rac1-Dependent Lamellipodial Motility in Prostate Cancer PC-3 Cells Revealed by Optogenetic Control of Rac1 Activity. <i>PLoS ONE</i> , 2014, 9, e97749.	2.5	38
7	Rab20 Regulates Phagosome Maturation in RAW264 Macrophages during Fc Gamma Receptor-Mediated Phagocytosis. <i>PLoS ONE</i> , 2012, 7, e35663.	2.5	34
8	Dynamic Changes in the Spatiotemporal Localization of Rab21 in Live RAW264 Cells during Macropinocytosis. <i>PLoS ONE</i> , 2009, 4, e6689.	2.5	32
9	Molecular imaging analysis of Rab GTPases in the regulation of phagocytosis and macropinocytosis. <i>Anatomical Science International</i> , 2016, 91, 35-42.	1.0	28
10	Spatiotemporal Localization of Rab20 in Live RAW264 Macrophages during Macropinocytosis. <i>Acta Histochemica Et Cytochemica</i> , 2012, 45, 317-323.	1.6	21
11	Rac1 switching at the right time and location is essential for Fc γ 3 receptor-mediated phagosome formation. <i>Journal of Cell Science</i> , 2017, 130, 2530-2540.	2.0	20
12	RhoC regulates actin remodeling to form phagosomes during Fc γ 3R-mediated phagocytosis. <i>Journal of Cell Science</i> , 2017, 130, 4168-4179.	2.0	18
13	Characterization of Rab21-positive tubular endosomes induced by PI3K inhibitors. <i>Experimental Cell Research</i> , 2008, 314, 729-737.	2.6	14
14	Cofilin contributes to phagocytosis of IgG-opsonized particles but not non-opsonized particles in RAW264 macrophages. <i>Microscopy (Oxford, England)</i> , 2016, 65, 233-242.	1.5	11
15	Development of an automated fluorescence microscopy system for photomanipulation of genetically encoded photoactivatable proteins (optogenetics) in live cells. <i>Microscopy (Oxford, England)</i> , 2014, 63, 255-260.	1.5	9
16	Rab10-Positive Tubular Structures Represent a Novel Endocytic Pathway That Diverges From Canonical Macropinocytosis in RAW264 Macrophages. <i>Frontiers in Immunology</i> , 2021, 12, 649600.	4.8	5
17	Transient recruitment of M-Ras GTPase to phagocytic cups in RAW264 macrophages during Fc γ 3R-mediated phagocytosis. <i>Microscopy (Oxford, England)</i> , 2018, 67, 68-74.	1.5	2
18	Rab35 Targeting to the Plasma Membrane Is Dependent on the C-terminal Polybasic Cluster. <i>Acta Histochemica Et Cytochemica</i> , 2020, 53, 93-97.	1.6	2

#	ARTICLE	IF	CITATIONS
19	A novel DENND1B-localized structure found at the basal side of adherent cells. <i>Histochemistry and Cell Biology</i> , 2021, 155, 9-18.	1.7	1