

Takeshi Maruyama

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,469
citations

430874

18
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

4780
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing the efficiency of precise genome editing with CRISPR-Cas9 by inhibition of nonhomologous end joining. <i>Nature Biotechnology</i> , 2015, 33, 538-542.	17.5	945
2	ALS-linked mutant SOD1 induces ER stress- and ASK1-dependent motor neuron death by targeting Derlin-1. <i>Genes and Development</i> , 2008, 22, 1451-1464.	5.9	432
3	Cell competition with normal epithelial cells promotes apical extrusion of transformed cells through metabolic changes. <i>Nature Cell Biology</i> , 2017, 19, 530-541.	10.3	172
4	Engineered red blood cells as carriers for systemic delivery of a wide array of functional probes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10131-10136.	7.1	168
5	Engineered erythrocytes covalently linked to antigenic peptides can protect against autoimmune disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3157-3162.	7.1	120
6	Cell competition in mammals is a novel homeostatic machinery for embryonic development and cancer prevention. <i>Current Opinion in Cell Biology</i> , 2017, 48, 106-112.	5.4	81
7	Pre-emptive Quality Control Protects the ER from Protein Overload via the Proximity of ERAD Components and SRP. <i>Cell Reports</i> , 2015, 13, 944-956.	6.4	60
8	Roquin-2 Promotes Ubiquitin-Mediated Degradation of ASK1 to Regulate Stress Responses. <i>Science Signaling</i> , 2014, 7, ra8.	3.6	59
9	Disruption of Sphingolipid Biosynthesis Blocks Phagocytosis of <i>Candida albicans</i> . <i>PLoS Pathogens</i> , 2015, 11, e1005188.	4.7	55
10	GPR107, a G-protein-coupled Receptor Essential for Intoxication by <i>Pseudomonas aeruginosa</i> Exotoxin A, Localizes to the Golgi and Is Cleaved by Furin. <i>Journal of Biological Chemistry</i> , 2014, 289, 24005-24018.	3.4	54
11	Type I Interferon Imposes a TSG101/ISG15 Checkpoint at the Golgi for Glycoprotein Trafficking during Influenza Virus Infection. <i>Cell Host and Microbe</i> , 2013, 14, 510-521.	11.0	51
12	CHIP-dependent termination of MEKK2 regulates temporal ERK activation required for proper hyperosmotic response. <i>EMBO Journal</i> , 2010, 29, 2501-2514.	7.8	44
13	The E2 Ubiquitin-conjugating Enzyme UBE2J1 Is Required for Spermiogenesis in Mice. <i>Journal of Biological Chemistry</i> , 2014, 289, 34490-34502.	3.4	44
14	Rab5-regulated endocytosis plays a crucial role in apical extrusion of transformed cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2327-E2336.	7.1	40
15	USP14 inhibits ER-associated degradation via interaction with IRE1 α . <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 995-1000.	2.1	39
16	Plectin is a novel regulator for apical extrusion of RasV12-transformed cells. <i>Scientific Reports</i> , 2017, 7, 44328.	3.3	30
17	Graphene Oxide Nanosheets Modified with Single-Domain Antibodies for Rapid and Efficient Capture of Cells. <i>Chemistry - A European Journal</i> , 2015, 21, 17178-17183.	3.3	22
18	Epithelial cells remove precancerous cells by cell competition via MHC class II-LILRB3 interaction. <i>Nature Immunology</i> , 2021, 22, 1391-1402.	14.5	22

#	ARTICLE	IF	CITATIONS
19	The paxillin-plectin-EPLIN complex promotes apical elimination of RasV12-transformed cells by modulating HDAC6-regulated tubulin acetylation. <i>Scientific Reports</i> , 2018, 8, 2097.	3.3	21
20	Accumulation of the myosin II α -spectrin complex plays a positive role in apical extrusion of Src α -transformed epithelial cells. <i>Genes To Cells</i> , 2018, 23, 974-981.	1.2	10
21	ASKA technology-based pull-down method reveals a suppressive effect of ASK1 on the inflammatory NOD-RIPK2 pathway in brown adipocytes. <i>Scientific Reports</i> , 2021, 11, 22009.	3.3	0