

Akinobu Matsumoto

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,192
citations

361296

20
h-index

454834

30
g-index

32
all docs

32
docs citations

32
times ranked

3897
citing authors

#	ARTICLE	IF	CITATIONS
1	mTORC1 and muscle regeneration are regulated by the LINC00961-encoded SPAR polypeptide. <i>Nature</i> , 2017, 541, 228-232.	13.7	503
2	p53 Is Required for Quiescence and Maintenance of Adult Hematopoietic Stem Cells. <i>Cell Stem Cell</i> , 2011, 9, 262-271.	5.2	268
3	Conditional inactivation of <i>Fbxw7</i> impairs cell-cycle exit during T cell differentiation and results in lymphomagenesis. <i>Journal of Experimental Medicine</i> , 2007, 204, 2875-2888.	4.2	169
4	Ablation of Fbxw7 Eliminates Leukemia-Initiating Cells by Preventing Quiescence. <i>Cancer Cell</i> , 2013, 23, 347-361.	7.7	144
5	p53 controls adult neural stem cell quiescence and modulates the pace of lifelong neurogenesis. <i>EMBO Journal</i> , 2013, 32, 970-981.	3.5	125
6	Intragenic antagonistic roles of protein and circRNA in tumorigenesis. <i>Cell Research</i> , 2019, 29, 628-640.	5.7	121
7	Fbxw7 regulates lipid metabolism and cell fate decisions in the mouse liver. <i>Journal of Clinical Investigation</i> , 2011, 121, 342-354.	3.9	107
8	Fbxw7-dependent Degradation of Notch Is Required for Control of "Stemness" and Neuronal-Glial Differentiation in Neural Stem Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 13754-13764.	1.6	93
9	SCFFbw7 Modulates the NF- κ B Signaling Pathway by Targeting NF- κ B2 for Ubiquitination and Destruction. <i>Cell Reports</i> , 2012, 1, 434-443.	2.9	85
10	Fbxw7 contributes to tumor suppression by targeting multiple proteins for ubiquitin-dependent degradation. <i>Cancer Science</i> , 2006, 97, 729-736.	1.7	65
11	Genetic Reevaluation of the Role of F-Box Proteins in Cyclin D1 Degradation. <i>Molecular and Cellular Biology</i> , 2012, 32, 590-605.	1.1	58
12	Expression of mouse Fbxw7 isoforms is regulated in a cell cycle- or p53-dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 114-119.	1.0	51
13	Hidden Peptides Encoded by Putative Noncoding RNAs. <i>Cell Structure and Function</i> , 2018, 43, 75-83.	0.5	44
14	Zoledronic Acid Enhances Lipopolysaccharide-Stimulated Proinflammatory Reactions through Controlled Expression of SOCS1 in Macrophages. <i>PLoS ONE</i> , 2013, 8, e67906.	1.1	43
15	Role of key regulators of the cell cycle in maintenance of hematopoietic stem cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2335-2344.	1.1	35
16	Fbw7 Targets GATA3 through Cyclin-Dependent Kinase 2-Dependent Proteolysis and Contributes to Regulation of T-Cell Development. <i>Molecular and Cellular Biology</i> , 2014, 34, 2732-2744.	1.1	30
17	Fbxw7 ¹² resides in the endoplasmic reticulum membrane and protects cells from oxidative stress. <i>Cancer Science</i> , 2011, 102, 749-755.	1.7	28
18	p53 regulates T-cell development and prevents lymphomagenesis by balancing p53 activity and pre-TCR signaling. <i>Blood</i> , 2014, 123, 3429-3439.	0.6	26

#	ARTICLE	IF	CITATIONS
19	Cell cycle-dependent localization of the proteasome to chromatin. <i>Scientific Reports</i> , 2020, 10, 5801.	1.6	25
20	Deregulation of the p57-E2F1-p53 Axis Results in Nonobstructive Hydrocephalus and Cerebellar Malformation in Mice. <i>Molecular and Cellular Biology</i> , 2011, 31, 4176-4192.	1.1	22
21	SPAR, a lncRNA encoded mTORC1 inhibitor. <i>Cell Cycle</i> , 2017, 16, 815-816.	1.3	22
22	Combinatorial analysis of translation dynamics reveals eIF2 dependence of translation initiation at near-cognate codons. <i>Nucleic Acids Research</i> , 2021, 49, 7298-7317.	6.5	22
23	Development of mice without Cip/Kip CDK inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 285-292.	1.0	20
24	The pleiotropic role of non-coding genes in development and cancer. <i>Current Opinion in Cell Biology</i> , 2016, 43, 104-113.	2.6	19
25	Spatiotemporal reprogramming of differentiated cells underlies regeneration and neoplasia in the intestinal epithelium. <i>Nature Communications</i> , 2022, 13, 1500.	5.8	17
26	The autism-related protein CHD8 contributes to the stemness and differentiation of mouse hematopoietic stem cells. <i>Cell Reports</i> , 2021, 34, 108688.	2.9	14
27	Kastor and Polluks polypeptides encoded by a single gene locus cooperatively regulate VDAC and spermatogenesis. <i>Nature Communications</i> , 2022, 13, 1071.	5.8	14
28	A ubiquitin-like protein encoded by the noncoding RNA TINCR promotes keratinocyte proliferation and wound healing. <i>PLoS Genetics</i> , 2021, 17, e1009686.	1.5	11
29	Increased efficiency in the generation of induced pluripotent stem cells by <i>bxw7</i> ablation. <i>Genes To Cells</i> , 2012, 17, 768-777.	0.5	7
30	A Lipid Bilayer Formed on a Hydrogel Bead for Single Ion Channel Recordings. <i>Micromachines</i> , 2020, 11, 1070.	1.4	4
31	Conditional inactivation of <i>Fbxw7</i> impairs cell-cycle exit during T cell differentiation and results in lymphomatogenesis. <i>Journal of Cell Biology</i> , 2007, 179, i7-i7.	2.3	0