Akinobu Matsumoto

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	mTORC1 and muscle regeneration are regulated by the LINC00961-encoded SPAR polypeptide. Nature, 2017, 541, 228-232.	27.8	503
2	p57 Is Required for Quiescence and Maintenance of Adult Hematopoietic Stem Cells. Cell Stem Cell, 2011, 9, 262-271.	11.1	268
3	Conditional inactivation of <i>Fbxw7</i> impairs cell-cycle exit during T cell differentiation and results in lymphomatogenesis. Journal of Experimental Medicine, 2007, 204, 2875-2888.	8.5	169
4	Ablation of Fbxw7 Eliminates Leukemia-Initiating Cells by Preventing Quiescence. Cancer Cell, 2013, 23, 347-361.	16.8	144
5	p57 controls adult neural stem cell quiescence and modulates the pace of lifelong neurogenesis. EMBO Journal, 2013, 32, 970-981.	7.8	125
6	Intragenic antagonistic roles of protein and circRNA in tumorigenesis. Cell Research, 2019, 29, 628-640.	12.0	121
7	Fbxw7 regulates lipid metabolism and cell fate decisions in the mouse liver. Journal of Clinical Investigation, 2011, 121, 342-354.	8.2	107
8	Fbxw7-dependent Degradation of Notch Is Required for Control of "Stemness―and Neuronal-Glial Differentiation in Neural Stem Cells. Journal of Biological Chemistry, 2011, 286, 13754-13764.	3.4	93
9	SCFFbw7 Modulates the NFκB Signaling Pathway by Targeting NFκB2 for Ubiquitination and Destruction. Cell Reports, 2012, 1, 434-443.	6.4	85
10	Fbxw7 contributes to tumor suppression by targeting multiple proteins for ubiquitin-dependent degradation. Cancer Science, 2006, 97, 729-736.	3.9	65
11	Genetic Reevaluation of the Role of F-Box Proteins in Cyclin D1 Degradation. Molecular and Cellular Biology, 2012, 32, 590-605.	2.3	58
12	Expression of mouse Fbxw7 isoforms is regulated in a cell cycle- or p53-dependent manner. Biochemical and Biophysical Research Communications, 2006, 350, 114-119.	2.1	51
13	Hidden Peptides Encoded by Putative Noncoding RNAs. Cell Structure and Function, 2018, 43, 75-83.	1.1	44
14	Zoledronic Acid Enhances Lipopolysaccharide-Stimulated Proinflammatory Reactions through Controlled Expression of SOCS1 in Macrophages. PLoS ONE, 2013, 8, e67906.	2.5	43
15	Role of key regulators of the cell cycle in maintenance of hematopoietic stem cells. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2335-2344.	2.4	35
16	Fbw7 Targets GATA3 through Cyclin-Dependent Kinase 2-Dependent Proteolysis and Contributes to Regulation of T-Cell Development. Molecular and Cellular Biology, 2014, 34, 2732-2744.	2.3	30
17	Fbxw7β resides in the endoplasmic reticulum membrane and protects cells from oxidative stress. Cancer Science, 2011, 102, 749-755.	3.9	28
18	p57 regulates T-cell development and prevents lymphomagenesis by balancing p53 activity and pre-TCR signaling. Blood, 2014, 123, 3429-3439.	1.4	26

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19	Cell cycle–dependent localization of the proteasome to chromatin. Scientific Reports, 2020, 10, 5801.	3.3	25
20	Deregulation of the p57-E2F1-p53 Axis Results in Nonobstructive Hydrocephalus and Cerebellar Malformation in Mice. Molecular and Cellular Biology, 2011, 31, 4176-4192.	2.3	22
21	SPAR, a IncRNA encoded mTORC1 inhibitor. Cell Cycle, 2017, 16, 815-816.	2.6	22
22	Combinatorial analysis of translation dynamics reveals eIF2 dependence of translation initiation at near-cognate codons. Nucleic Acids Research, 2021, 49, 7298-7317.	14.5	22
23	Development of mice without Cip/Kip CDK inhibitors. Biochemical and Biophysical Research Communications, 2012, 427, 285-292.	2.1	20
24	The pleiotropic role of non-coding genes in development and cancer. Current Opinion in Cell Biology, 2016, 43, 104-113.	5.4	19
25	Spatiotemporal reprogramming of differentiated cells underlies regeneration and neoplasia in the intestinal epithelium. Nature Communications, 2022, 13, 1500.	12.8	17
26	The autism-related protein CHD8 contributes to the stemness and differentiation of mouse hematopoietic stem cells. Cell Reports, 2021, 34, 108688.	6.4	14
27	Kastor and Polluks polypeptides encoded by a single gene locus cooperatively regulate VDAC and spermatogenesis. Nature Communications, 2022, 13, 1071.	12.8	14
28	A ubiquitin-like protein encoded by the "noncoding―RNA TINCR promotes keratinocyte proliferation and wound healing. PLoS Genetics, 2021, 17, e1009686.	3.5	11
29	Increased efficiency in the generation of induced pluripotent stem cells by <scp>F</scp> bxw7 ablation. Genes To Cells, 2012, 17, 768-777.	1.2	7
30	A Lipid Bilayer Formed on a Hydrogel Bead for Single Ion Channel Recordings. Micromachines, 2020, 11, 1070.	2.9	4
31	Conditional inactivation ofFbxw7impairs cell-cycle exit during T cell differentiation and results in lymphomatogenesis. Journal of Cell Biology, 2007, 179, i7-i7.	5.2	0