Motoo Kitagawa

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cell Growth Arrest and Induction of Cyclin-Dependent Kinase Inhibitor p21WAF1/CIP1 Mediated by STAT1. Science, 1996, 272, 719-722.	12.6	777
2	Targeted disruption of IRF-1 or IRF-2 results in abnormal type I IFN gene induction and aberrant lymphocyte development. Cell, 1993, 75, 83-97.	28.9	590
3	Cellular commitment to oncogene-induced transformation or apoptosis is dependent on the transcription factor IRF-1. Cell, 1994, 77, 829-839.	28.9	494
4	Activation of the STAT Signaling Pathway Can Cause Expression of Caspase 1 and Apoptosis. Molecular and Cellular Biology, 1997, 17, 5328-5337.	2.3	468
5	Anti-oncogenic and oncogenic potentials of interferon regulatory factors-1 and -2. Science, 1993, 259, 971-974.	12.6	451
6	Activation of Statl by mutant fibroblast growth-factor receptor in thanatophoric dysplasia type II dwarfism. Nature, 1997, 386, 288-292.	27.8	310
7	Involvement of the IRF-1 transcription factor in antiviral responses to interferons. Science, 1994, 264, 1921-1924.	12.6	292
8	Overexpression of tumor necrosis factor (TNF)-α and interferon (IFN)-γ by bone marrow cells from patients with myelodysplastic syndromes. Leukemia, 1997, 11, 2049-2054.	7.2	244
9	A Lys644Glu substitution in fibroblast growth factor receptor 3 (FGFR3) causes dwarfism in mice by activation of STATs and ink4 cell cycle inhibitors. Human Molecular Genetics, 1999, 8, 35-44.	2.9	204
10	neurotic, a novel maternal neurogenic gene, encodes an O-fucosyltransferase that is essential for Notch-Delta interactions. Development (Cambridge), 2003, 130, 4785-4795.	2.5	153
11	CD44 signaling through focal adhesion kinase and its antiâ€apoptotic effect. FEBS Letters, 2002, 528, 101-108.	2.8	114
12	Nemo-like kinase suppresses Notch signalling by interfering with formation of the Notch active transcriptional complex. Nature Cell Biology, 2010, 12, 278-285.	10.3	110
13	A Human Protein with Sequence Similarity to Drosophila Mastermind Coordinates the Nuclear Form of Notch and a CSL Protein To Build a Transcriptional Activator Complex on Target Promoters. Molecular and Cellular Biology, 2001, 21, 4337-4346.	2.3	109
14	Accelerated exon skipping of IRF-1 mRNA in human myelodysplasia/leukemia; a possible mechanism of tumor suppressor inactivation. Oncogene, 1994, 9, 3313-20.	5.9	103
15	Activation of the Transcription Factor ISGF3 by Interferon-gamma. Biological Chemistry, 1999, 380, 699-703.	2.5	99
16	Localization of Fas and Fas ligand in bone marrow cells demonstrating myelodysplasia. Leukemia, 1998, 12, 486-492.	7.2	91
17	Regulation of IFNâ€Î±/β genes: evidence for a dual function of the transcription factor complex ISGF3 in the production and action of IFNâ€Î±/l². Genes To Cells, 1996, 1, 995-1005.	1.2	88
18	Role of p27Kip1 and Cyclin-Dependent Kinase 2 in the Proliferation of Non-Small Cell Lung Cancer. American Journal of Pathology, 1998, 153, 505-513.	3.8	86

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19	CD44 Suppresses TLR-Mediated Inflammation. Journal of Immunology, 2008, 180, 4235-4245.	0.8	86
20	Identification of New Human Mastermind Proteins Defines a Family That Consists of Positive Regulators for Notch Signaling. Journal of Biological Chemistry, 2002, 277, 50612-50620.	3.4	82
21	Mastermind-like Domain-containing 1 (MAMLD1 or CXorf6) Transactivates the Hes3 Promoter, Augments Testosterone Production, and Contains the SF1 Target Sequence. Journal of Biological Chemistry, 2008, 283, 5525-5532.	3.4	74
22	Notch signalling in the nucleus: roles of Mastermind-like (MAML) transcriptional coactivators. Journal of Biochemistry, 2016, 159, mvv123.	1.7	71
23	Focal Adhesion Kinase Activates Stat1 in Integrin-mediated Cell Migration and Adhesion. Journal of Biological Chemistry, 2001, 276, 19512-19523.	3.4	70
24	Notch deficiency implicated in the pathogenesis of congenital disorder of glycosylation IIc. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18532-18537.	7.1	58
25	Angiosarcoma of the scalp: Report of two cases with fatal pulmonary complications and a review of Japanese autopsy registry data. Virchows Archiv A, Pathological Anatomy and Histopathology, 1987, 412, 83-87.	1.4	54
26	rigencodes ribosomal protein S15 The primary structure of mammalian ribosomal protein S15. FEBS Letters, 1991, 283, 210-214.	2.8	51
27	Mastermind-like 1 (MamL1) and mastermind-like 3 (MamL3) are essential for Notch signaling in vivo. Development (Cambridge), 2011, 138, 5235-5246.	2.5	48
28	High-level expression of Mastermind-like 2 contributes to aberrant activation of the NOTCH signaling pathway in human lymphomas. Oncogene, 2011, 30, 1831-1840.	5.9	47
29	Mastermind-1 is required for Notch signal-dependent steps in lymphocyte development in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9764-9769.	7.1	45
30	Possible involvement of the transcription factor ISGF3Î ³ in virus-induced expression of the IFN-Î ² gene. FEBS Letters, 1995, 358, 225-229.	2.8	44
31	Bone marrow analysis of the myelodysplastic syndromes: histological and immunohistochemical features related to the evolution of overt leukemia. Vigiliae Christianae, 1989, 57, 47-53.	0.1	39
32	The repression of Notch signaling occurs via the destabilization of mastermind-like 1 by Mesp2 and is essential for somitogenesis. Development (Cambridge), 2011, 138, 55-64.	2.5	39
33	Expression of inducible nitric oxide synthase (NOS) in bone marrow cells of myelodysplastic syndromes. Leukemia, 1999, 13, 699-703.	7.2	36
34	p53 expression in myeloid cells of myelodysplastic syndromes. Association with evolution of overt leukemia. American Journal of Pathology, 1994, 145, 338-44.	3.8	36
35	Evolutionary conservation of the insulinoma gene rig and its possible function Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 6659-6662.	7.1	34
36	Involvement of Ecto-ATPase as an ATP Receptor in the Stimulatory Effect of Extracellular ATP on NO Release in Bovine Aorta Endothelial Cells. Biochemical and Biophysical Research Communications, 1994, 203, 1237-1243.	2.1	32

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37	Expression of the proliferating cell nuclear antigen in bone marrow cells from patients with myelodysplastic syndromes and aplastic anemia. Human Pathology, 1993, 24, 359-363.	2.0	28
38	MAML1 Enhances the Transcriptional Activity of Runx2 and Plays a Role in Bone Development. PLoS Genetics, 2013, 9, e1003132.	3.5	24
39	Cell-free transmission of Fv-4 resistance gene product controlling Friend leukemia virus-induced leukemogenesis: a unique mechanism for interference with viral infection. Blood, 1995, 86, 1557-1563.	1.4	22
40	Activation of mitogen-activated protein kinase through α5/β1 integrin is required for cell cycle progression of B progenitor cell line, Reh, on human marrow stromal cells. Experimental Hematology, 2000, 28, 1147-1157.	0.4	22
41	Enhancement of chemosensitivity toward peplomycin by calpastatin-stabilized NF-ήB p65 in esophageal carcinoma cells: possible involvement of Fas/Fas-L synergism. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 1025-1037.	4.9	17
42	Human Mena Associates with Rac1 Small GTPase in Glioblastoma Cell Lines. PLoS ONE, 2009, 4, e4765.	2.5	15
43	Olfactory Sensory Neurons Control Dendritic Complexity of Mitral Cells via Notch Signaling. PLoS Genetics, 2016, 12, e1006514.	3.5	14
44	Progression of esophageal carcinoma by loss of EGF-STAT1 pathway. Cancer Journal (Sudbury, Mass), 2001, 7, 132-9.	2.0	14
45	Fibronectin promotes cell proliferation of human pre-B cell line via its interactions with VLA-4 and VLA-5. Hematology, 2008, 13, 236-243.	1.5	12
46	Fragmented hyaluronan is an autocrine chemokinetic motility factor supported by the HAS2-HYAL2/CD44 system on the plasma membrane. International Journal of Oncology, 2011, 39, 1311-20.	3.3	12
47	Expression of the insulinoma gene rig during liver regeneration and in primary cultured hepatocytes. Biochemical and Biophysical Research Communications, 1988, 150, 1302-1308.	2.1	11
48	Regulation of striatal dopamine responsiveness by Notch/RBP-J signaling. Translational Psychiatry, 2017, 7, e1049-e1049.	4.8	11
49	Cell-free transmission of Fv-4 resistance gene product controlling Friend leukemia virus-induced leukemogenesis: a unique mechanism for interference with viral infection. Blood, 1995, 86, 1557-63.	1.4	11
50	Immunolocalization of platelet-derived growth factor, transforming growth factor-β, and fibronectin in acute megakaryoblastic leukemia manifesting tumor formation. Human Pathology, 1994, 25, 723-726.	2.0	10
51	Delta-like 1 and Delta-like 4 differently require their extracellular domains for triggering Notch signaling in mice. ELife, 2020, 9, .	6.0	10
52	Drug-sensitivity pattern analysis for study of functional relationship between gene products. FEBS Letters, 2003, 552, 177-183.	2.8	9
53	Protection of retrovirus-induced disease by transplantation of bone marrow cells transduced with MuLV env gene via retrovirus vector. Experimental Hematology, 1999, 27, 234-241.	0.4	8
54	Cardiac Fabry disease with plural mass fibrosis observed in the thickened left ventricular wall. International Journal of Cardiology, 2016, 202, 552-555.	1.7	7

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55	Distribution of Fv-4 resistant gene product in Friend leukemia virus-resistant Fv-4r mouse strain. Experimental Hematology, 1996, 24, 1423-31.	0.4	7
56	In vivo antimelanoma effects of 4-S-cysteaminylphenol, a newly synthesized therapeutic agent specific to melanoma. Journal of Cancer Research and Clinical Oncology, 1993, 119, 470-474.	2.5	5
57	Maternal <i>almondex</i> , a neurogenic gene, is required for proper subcellular Notch distribution in early <i>Drosophila</i> embryogenesis. Development Growth and Differentiation, 2020, 62, 80-93.	1.5	5
58	Visualization of the Activity of Rac1 Small GTPase in a Cell. Acta Histochemica Et Cytochemica, 2010, 43, 163-168.	1.6	4
59	A novel gene, <i>rig</i> , activated in insulinomas. , 1990, , 287-300.		3
60	In vivo dynamics of pulmonary lymphoid cell subpopulations generated against pulmonary metastasis: evaluation by broncho alveolar lavage fluid. Vigiliae Christianae, 1989, 58, 365-370.	0.1	2
61	Establishment of a therapeutic model for retroviral infection using the genetic resistance mechanism of the host. Pathology International, 1996, 46, 719-725.	1.3	2
62	1. Five Years' Experience of the Endoscopic Examination of the Lower Large Bowel at the Human Dock. Nihon Daicho Komonbyo Gakkai Zasshi, 1981, 34, 183-187,286.	0.0	1
63	Effects of Friend leukemia virus (FLV) inoculation in F1 mice and differentiation of FLV-induced leukemia. Histology and Histopathology, 1986, 1, 335-40.	0.7	1
64	Cell-free transmission of Fv-4 resistance gene product controlling Friend leukemia virus-induced leukemogenesis in mice. Leukemia, 1997, 11 Suppl 3, 230-2.	7.2	1
65	Histomorphometric Study of Ribs with Looser Zones in Itai-Itai Disease. Calcified Tissue International, 1996, 58, 170-176.	3.1	Ο
66	Lipoid Pneumonia with Partial Anomalous Pulmonary Venous Return. Internal Medicine, 2016, 55, 1399-1400.	0.7	0
67	Stimulation of p53 Transactivation Ability by Nicastrin in Mouse Fibroblasts. SRX Biology, 2010, 2010, 1-10.	0.0	Ο
68	High-Level Expression of Mastermind-Like 2 (MAML2) Contributes to Aberrant Activation of the NOTCH Signaling Pathway In Human Lymphomas. Blood, 2010, 116, 2685-2685.	1.4	0
69	Abstract 1393: CD44 has dual functions to enhance the hyaluronan-induced chemokinesis in cancer cells as an associated molecule of hyaluronidase2-mediated HA catabolism and a hyaluronan receptor for RhoCTPase activation. , 2011, , .		Ο
70	Regulation of Cell Growth by Transcription Factors, IRF-1 and IRF-2. , 1994, , 201-212.		0
71	IRF-1 Functions as a Tumor Suppressor. , 1995, , 77-88.		0
72	Negative prognostic implications of non-sustained ventricular tachycardias in patients after prophylactic defibrillator implantation. Europace, 2022, 24, .	1.7	0