

Motoo Kitagawa

List of Publications by Year in descending order

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72
papers

6,020
citations

117571

34
h-index

114418

63
g-index

75
all docs

75
docs citations

75
times ranked

5751
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell Growth Arrest and Induction of Cyclin-Dependent Kinase Inhibitor p21WAF1/CIP1 Mediated by STAT1. <i>Science</i> , 1996, 272, 719-722.	6.0	777
2	Targeted disruption of IRF-1 or IRF-2 results in abnormal type I IFN gene induction and aberrant lymphocyte development. <i>Cell</i> , 1993, 75, 83-97.	13.5	590
3	Cellular commitment to oncogene-induced transformation or apoptosis is dependent on the transcription factor IRF-1. <i>Cell</i> , 1994, 77, 829-839.	13.5	494
4	Activation of the STAT Signaling Pathway Can Cause Expression of Caspase 1 and Apoptosis. <i>Molecular and Cellular Biology</i> , 1997, 17, 5328-5337.	1.1	468
5	Anti-oncogenic and oncogenic potentials of interferon regulatory factors-1 and -2. <i>Science</i> , 1993, 259, 971-974.	6.0	451
6	Activation of Stat1 by mutant fibroblast growth-factor receptor in thanatophoric dysplasia type II dwarfism. <i>Nature</i> , 1997, 386, 288-292.	13.7	310
7	Involvement of the IRF-1 transcription factor in antiviral responses to interferons. <i>Science</i> , 1994, 264, 1921-1924.	6.0	292
8	Overexpression of tumor necrosis factor (TNF)- α and interferon (IFN)- β by bone marrow cells from patients with myelodysplastic syndromes. <i>Leukemia</i> , 1997, 11, 2049-2054.	3.3	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. <i>Human Molecular Genetics</i> , 1999, 8, 35-44.	1.4	204
10	neurotic, a novel maternal neurogenic gene, encodes an O-fucosyltransferase that is essential for Notch-Delta interactions. <i>Development (Cambridge)</i> , 2003, 130, 4785-4795.	1.2	153
11	CD44 signaling through focal adhesion kinase and its anti-apoptotic effect. <i>FEBS Letters</i> , 2002, 528, 101-108.	1.3	114
12	Nemo-like kinase suppresses Notch signalling by interfering with formation of the Notch active transcriptional complex. <i>Nature Cell Biology</i> , 2010, 12, 278-285.	4.6	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. <i>Molecular and Cellular Biology</i> , 2001, 21, 4337-4346.	1.1	109
14	Accelerated exon skipping of IRF-1 mRNA in human myelodysplasia/leukemia; a possible mechanism of tumor suppressor inactivation. <i>Oncogene</i> , 1994, 9, 3313-20.	2.6	103
15	Activation of the Transcription Factor ISGF3 by Interferon-gamma. <i>Biological Chemistry</i> , 1999, 380, 699-703.	1.2	99
16	Localization of Fas and Fas ligand in bone marrow cells demonstrating myelodysplasia. <i>Leukemia</i> , 1998, 12, 486-492.	3.3	91
17	Regulation of IFN α /IF β genes: evidence for a dual function of the transcription factor complex ISGF3 in the production and action of IFN α /IF β . <i>Genes To Cells</i> , 1996, 1, 995-1005.	0.5	88
18	Role of p27Kip1 and Cyclin-Dependent Kinase 2 in the Proliferation of Non-Small Cell Lung Cancer. <i>American Journal of Pathology</i> , 1998, 153, 505-513.	1.9	86

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19	CD44 Suppresses TLR-Mediated Inflammation. <i>Journal of Immunology</i> , 2008, 180, 4235-4245.	0.4	86
20	Identification of New Human Mastermind Proteins Defines a Family That Consists of Positive Regulators for Notch Signaling. <i>Journal of Biological Chemistry</i> , 2002, 277, 50612-50620.	1.6	82
21	Mastermind-like Domain-containing 1 (MAMLD1 or CXorf6) Transactivates the Hes3 Promoter, Augments Testosterone Production, and Contains the SF1 Target Sequence. <i>Journal of Biological Chemistry</i> , 2008, 283, 5525-5532.	1.6	74
22	Notch signalling in the nucleus: roles of Mastermind-like (MAML) transcriptional coactivators. <i>Journal of Biochemistry</i> , 2016, 159, mvv123.	0.9	71
23	Focal Adhesion Kinase Activates Stat1 in Integrin-mediated Cell Migration and Adhesion. <i>Journal of Biological Chemistry</i> , 2001, 276, 19512-19523.	1.6	70
24	Notch deficiency implicated in the pathogenesis of congenital disorder of glycosylation IIc. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18532-18537.	3.3	58
25	Angiosarcoma of the scalp: Report of two cases with fatal pulmonary complications and a review of Japanese autopsy registry data. <i>Virchows Archiv A, Pathological Anatomy and Histopathology</i> , 1987, 412, 83-87.	1.4	54
26	rigencodes ribosomal protein S15 The primary structure of mammalian ribosomal protein S15. <i>FEBS Letters</i> , 1991, 283, 210-214.	1.3	51
27	Mastermind-like 1 (MamL1) and mastermind-like 3 (MamL3) are essential for Notch signaling in vivo. <i>Development (Cambridge)</i> , 2011, 138, 5235-5246.	1.2	48
28	High-level expression of Mastermind-like 2 contributes to aberrant activation of the NOTCH signaling pathway in human lymphomas. <i>Oncogene</i> , 2011, 30, 1831-1840.	2.6	47
29	Mastermind-1 is required for Notch signal-dependent steps in lymphocyte development in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9764-9769.	3.3	45
30	Possible involvement of the transcription factor ISGF3 β in virus-induced expression of the IFN- β gene. <i>FEBS Letters</i> , 1995, 358, 225-229.	1.3	44
31	Bone marrow analysis of the myelodysplastic syndromes: histological and immunohistochemical features related to the evolution of overt leukemia. <i>Vigiliae Christianae</i> , 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. <i>Development (Cambridge)</i> , 2011, 138, 55-64.	1.2	39
33	Expression of inducible nitric oxide synthase (NOS) in bone marrow cells of myelodysplastic syndromes. <i>Leukemia</i> , 1999, 13, 699-703.	3.3	36
34	p53 expression in myeloid cells of myelodysplastic syndromes. Association with evolution of overt leukemia. <i>American Journal of Pathology</i> , 1994, 145, 338-44.	1.9	36
35	Evolutionary conservation of the insulinoma gene rig and its possible function.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 6659-6662.	3.3	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. <i>Biochemical and Biophysical Research Communications</i> , 1994, 203, 1237-1243.	1.0	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. <i>Human Pathology</i> , 1993, 24, 359-363.	1.1	28
38	MAML1 Enhances the Transcriptional Activity of Runx2 and Plays a Role in Bone Development. <i>PLoS Genetics</i> , 2013, 9, e1003132.	1.5	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. <i>Blood</i> , 1995, 86, 1557-1563.	0.6	22
40	Activation of mitogen-activated protein kinase through $\alpha 5 \beta 1$ integrin is required for cell cycle progression of B progenitor cell line, Reh, on human marrow stromal cells. <i>Experimental Hematology</i> , 2000, 28, 1147-1157.	0.2	22
41	Enhancement of chemosensitivity toward peplomycin by calpastatin-stabilized NF- κ B p65 in esophageal carcinoma cells: possible involvement of Fas/Fas-L synergism. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1025-1037.	2.2	17
42	Human Mena Associates with Rac1 Small GTPase in Glioblastoma Cell Lines. <i>PLoS ONE</i> , 2009, 4, e4765.	1.1	15
43	Olfactory Sensory Neurons Control Dendritic Complexity of Mitral Cells via Notch Signaling. <i>PLoS Genetics</i> , 2016, 12, e1006514.	1.5	14
44	Progression of esophageal carcinoma by loss of EGF-STAT1 pathway. <i>Cancer Journal (Sudbury, Mass)</i> , 2001, 7, 132-9.	1.0	14
45	Fibronectin promotes cell proliferation of human pre-B cell line via its interactions with VLA-4 and VLA-5. <i>Hematology</i> , 2008, 13, 236-243.	0.7	12
46	Fragmented hyaluronan is an autocrine chemokinetic motility factor supported by the HAS2-HYAL2/CD44 system on the plasma membrane. <i>International Journal of Oncology</i> , 2011, 39, 1311-20.	1.4	12
47	Expression of the insulinoma gene rig during liver regeneration and in primary cultured hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 1988, 150, 1302-1308.	1.0	11
48	Regulation of striatal dopamine responsiveness by Notch/RBP-J signaling. <i>Translational Psychiatry</i> , 2017, 7, e1049-e1049.	2.4	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. <i>Blood</i> , 1995, 86, 1557-63.	0.6	11
50	Immunolocalization of platelet-derived growth factor, transforming growth factor- β 2, and fibronectin in acute megakaryoblastic leukemia manifesting tumor formation. <i>Human Pathology</i> , 1994, 25, 723-726.	1.1	10
51	Delta-like 1 and Delta-like 4 differently require their extracellular domains for triggering Notch signaling in mice. <i>ELife</i> , 2020, 9, .	2.8	10
52	Drug-sensitivity pattern analysis for study of functional relationship between gene products. <i>FEBS Letters</i> , 2003, 552, 177-183.	1.3	9
53	Protection of retrovirus-induced disease by transplantation of bone marrow cells transduced with MuLV env gene via retrovirus vector. <i>Experimental Hematology</i> , 1999, 27, 234-241.	0.2	8
54	Cardiac Fabry disease with plural mass fibrosis observed in the thickened left ventricular wall. <i>International Journal of Cardiology</i> , 2016, 202, 552-555.	0.8	7

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55	Distribution of Fv-4 resistant gene product in Friend leukemia virus-resistant Fv-4r mouse strain. <i>Experimental Hematology</i> , 1996, 24, 1423-31.	0.2	7
56	In vivo antimelanoma effects of 4-S-cysteaminylphenol, a newly synthesized therapeutic agent specific to melanoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 1993, 119, 470-474.	1.2	5
57	Maternal <i>almondex</i> , a neurogenic gene, is required for proper subcellular Notch distribution in early <i>Drosophila</i> embryogenesis. <i>Development Growth and Differentiation</i> , 2020, 62, 80-93.	0.6	5
58	Visualization of the Activity of Rac1 Small GTPase in a Cell. <i>Acta Histochemica Et Cytochemica</i> , 2010, 43, 163-168.	0.8	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. <i>Vigiliae Christianae</i> , 1989, 58, 365-370.	0.1	2
61	Establishment of a therapeutic model for retroviral infection using the genetic resistance mechanism of the host. <i>Pathology International</i> , 1996, 46, 719-725.	0.6	2
62	1. Five Years' Experience of the Endoscopic Examination of the Lower Large Bowel at the Human Dock. <i>Nihon Daicho Komonbyo Gakkai Zasshi</i> , 1981, 34, 183-187,286.	0.1	1
63	Effects of Friend leukemia virus (FLV) inoculation in F1 mice and differentiation of FLV-induced leukemia. <i>Histology and Histopathology</i> , 1986, 1, 335-40.	0.5	1
64	Cell-free transmission of Fv-4 resistance gene product controlling Friend leukemia virus-induced leukemogenesis in mice. <i>Leukemia</i> , 1997, 11 Suppl 3, 230-2.	3.3	1
65	Histomorphometric Study of Ribs with Looser Zones in Itai-Itai Disease. <i>Calcified Tissue International</i> , 1996, 58, 170-176.	1.5	0
66	Lipoid Pneumonia with Partial Anomalous Pulmonary Venous Return. <i>Internal Medicine</i> , 2016, 55, 1399-1400.	0.3	0
67	Stimulation of p53 Transactivation Ability by Nicastrin in Mouse Fibroblasts. <i>SRX Biology</i> , 2010, 2010, 1-10.	0.0	0
68	High-Level Expression of Mastermind-Like 2 (MAML2) Contributes to Aberrant Activation of the NOTCH Signaling Pathway In Human Lymphomas. <i>Blood</i> , 2010, 116, 2685-2685.	0.6	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 RhoGTPase activation. , 2011, , .		0
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. <i>Europace</i> , 2022, 24, .	0.7	0