

Kiyofumi Asai

List of Publications by Year in descending order

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142
papers

3,936
citations

126708

33
h-index

168136

53
g-index

145
all docs

145
docs citations

145
times ranked

5060
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of blood-brain barrier properties in immortalized bovine brain endothelial cells by astrocytic factors. <i>Neuroscience Research</i> , 1999, 35, 155-164.	1.0	206
2	Early Changes in KCC2 Phosphorylation in Response to Neuronal Stress Result in Functional Downregulation. <i>Journal of Neuroscience</i> , 2007, 27, 1642-1650.	1.7	162
3	Hyperosmolar Mannitol Stimulates Expression of Aquaporins 4 and 9 through a p38 Mitogen-activated Protein Kinase-dependent Pathway in Rat Astrocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 44525-44534.	1.6	150
4	Alterations in the expression of the AQP family in cultured rat astrocytes during hypoxia and reoxygenation. <i>Molecular Brain Research</i> , 2001, 90, 26-38.	2.5	138
5	Production and characterization of astrocyte-derived human apolipoprotein E isoforms from immortalized astrocytes and their interactions with amyloid- β . <i>Neurobiology of Disease</i> , 2005, 19, 66-76.	2.1	110
6	Glucagon-like peptide-1 (GLP-1) protects against methylglyoxal-induced PC12 cell apoptosis through the PI3K/Akt/mTOR/GCLC/redox signaling pathway. <i>Neuroscience</i> , 2009, 162, 1212-1219.	1.1	109
7	Interleukin-1 β induces the expression of aquaporin-4 through a nuclear factor- κ B pathway in rat astrocytes. <i>Journal of Neurochemistry</i> , 2006, 99, 107-118.	2.1	101
8	Homeotic factor ATBF1 induces the cell cycle arrest associated with neuronal differentiation. <i>Development (Cambridge)</i> , 2005, 132, 5137-5145.	1.2	81
9	Human neuroblastomas with unfavorable biologies express high levels of brain-derived neurotrophic factor mRNA and a variety of its variants. <i>Cancer Letters</i> , 2001, 164, 51-60.	3.2	80
10	Upregulation of VEGF in Murine Retina via Monocyte Recruitment after Retinal Scatter Laser Photocoagulation. , 2007, 48, 5677.		69
11	Alpha-fetoprotein producing gastric cancer lacks transcription factor ATBF1. <i>Oncogene</i> , 2001, 20, 869-873.	2.6	67
12	Differential regulation of aquaporin expression in astrocytes by protein kinase C. <i>Molecular Brain Research</i> , 2001, 95, 110-116.	2.5	65
13	Experimental implication of celiac ganglionotropic invasion of pancreatic-cancer cells bearing c-ret proto-oncogene with reference to glial-cell-line-derived neurotrophic factor (GDNF). , 1999, 81, 67-73.		63
14	Endogenous erythropoietin from astrocyte protects the oligodendrocyte precursor cell against hypoxic and reoxygenation injury. <i>Journal of Neuroscience Research</i> , 2011, 89, 1566-1574.	1.3	62
15	Transforming growth factor- β signaling at the tumor-bone interface promotes mammary tumor growth and osteoclast activation. <i>Cancer Science</i> , 2009, 100, 71-81.	1.7	58
16	ATBF1 enhances the suppression of STAT3 signaling by interaction with PIAS3. <i>Biochemical and Biophysical Research Communications</i> , 2004, 314, 97-103.	1.0	56
17	The ZFX3 (ATBF1) transcription factor induces PDGFRB, which activates ATM in the cytoplasm to protect cerebellar neurons from oxidative stress. <i>DMM Disease Models and Mechanisms</i> , 2010, 3, 752-762.	1.2	56
18	Astrocytic contributions to blood-brain barrier (BBB) formation by endothelial cells: A possible use of aortic endothelial cell for In vitro BBB model. <i>Neurochemistry International</i> , 1996, 28, 523-533.	1.9	53

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19	Lactic acid increases aquaporin 4 expression on the cell membrane of cultured rat astrocytes. <i>Neuroscience Research</i> , 2008, 61, 18-26.	1.0	53
20	Aberrant production of gliostatin/platelet-derived endothelial cell growth factor in rheumatoid synovium. <i>Arthritis and Rheumatism</i> , 1994, 37, 662-672.	6.7	49
21	Cyclic ADP-ribose as a potential second messenger for neuronal Ca ²⁺ -signaling. <i>Journal of Neurochemistry</i> , 2001, 76, 321-331.	2.1	49
22	A Novel Glial Growth Inhibitory Factor, Gliostatin, Derived from Neurofibroma. <i>Journal of Neurochemistry</i> , 1992, 59, 307-317.	2.1	46
23	p27Kip 1 Expression by Contact Inhibition as a Prognostic Index of Human Glioma. <i>Journal of Neurochemistry</i> , 2002, 74, 1393-1399.	2.1	46
24	Contribution of K ⁺ channels to ATP-induced cell death in brain capillary endothelial cells and reconstructed HEK293 cell model. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 300, C75-C86.	2.1	46
25	Astrocytic contribution to functioning synapse formation estimated by spontaneous neuronal intracellular Ca ²⁺ oscillations. <i>Brain Research</i> , 1994, 659, 169-178.	1.1	45
26	Osteopontin regulates adhesion of calcium oxalate crystals to renal epithelial cells. <i>International Journal of Urology</i> , 2002, 9, 100-108.	0.5	43
27	Hypoxic stress enhances osteoclast differentiation via increasing IGF2 production by non-osteoclastic cells. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 885-894.	1.0	43
28	Differential regulation of aquaporin-5 and -9 expression in astrocytes by protein kinase A. <i>Molecular Brain Research</i> , 2002, 104, 96-102.	2.5	41
29	Tumor suppressor, AT motif binding factor 1 (ATBF1), translocates to the nucleus with runt domain transcription factor 3 (RUNX3) in response to TGF- β^2 signal transduction. <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 321-325.	1.0	41
30	Expression of mRNA for heregulin and its receptor, ErbB-3 and ErbB-4, in human upper gastrointestinal mucosa. <i>Life Sciences</i> , 1998, 63, 553-564.	2.0	40
31	Regulation of aquaporin-4 expression in astrocytes. <i>Molecular Brain Research</i> , 2001, 89, 94-102.	2.5	37
32	Novel Functions of Small Conductance Ca ²⁺ -activated K ⁺ Channel in Enhanced Cell Proliferation by ATP in Brain Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2006, 281, 38430-38439.	1.6	37
33	Heat Shock-Mediated Cell Cycle Arrest Is Accompanied by Induction of p21 CKI. <i>Biochemical and Biophysical Research Communications</i> , 1996, 225, 759-763.	1.0	36
34	IL-10 and RANTES are Elevated in Nasopharyngeal Secretions of Children with Respiratory Syncytial Virus Infection. <i>Allergology International</i> , 2007, 56, 157-163.	1.4	36
35	Subventricular Zone-Derived Oligodendrogenesis in Injured Neonatal White Matter in Mice Enhanced by a Nonerythropoietic Erythropoietin Derivative. <i>Stem Cells</i> , 2012, 30, 2234-2247.	1.4	36
36	Transforming growth factor β^2 derived from bone matrix promotes cell proliferation of prostate cancer and osteoclast activation-associated osteolysis in the bone microenvironment. <i>Cancer Science</i> , 2008, 99, 316-323.	1.7	34

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37	Interleukin-1 β induces the expression of lipocortin 1 mRNA in cultured rat cortical astrocytes. <i>Neuroscience Research</i> , 2001, 40, 53-60.	1.0	33
38	TNF- α -induced aquaporin 9 in synoviocytes from patients with OA and RA. <i>Rheumatology</i> , 2010, 49, 898-906.	0.9	33
39	Tissue distribution of human gliostatin/platelet-derived endothelial cell growth factor (PD-ECGF) and its drug-induced expression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1996, 1314, 71-82.	1.9	32
40	Oncolytic reovirus combined with trastuzumab enhances antitumor efficacy through TRAIL signaling in human HER2-positive gastric cancer cells. <i>Cancer Letters</i> , 2015, 356, 846-854.	3.2	31
41	Glucocorticoid induced the expression of mRNA and the secretion of lipocortin 1 in rat astrocytoma cells. <i>Brain Research</i> , 1997, 746, 256-264.	1.1	29
42	Role of ES Cell-Expressed Ras (ERas) in Tumorigenicity of Gastric Cancer. <i>American Journal of Pathology</i> , 2010, 177, 955-963.	1.9	29
43	Prognostic impact of microRNA-145 down-regulation in adult T-cell leukemia/lymphoma. <i>Human Pathology</i> , 2014, 45, 1192-1198.	1.1	29
44	IGF2 modulates the microenvironment for osteoclastogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 462-466.	1.0	28
45	Epidermal Growth Factor Receptor Transactivation Is Necessary for Glucagon-Like Peptide-1 to Protect PC12 Cells from Apoptosis. <i>Neuroendocrinology</i> , 2013, 97, 300-308.	1.2	28
46	Effect of mild hypothermia on the expression of aquaporin family in cultured rat astrocytes under hypoxic condition. <i>Neuroscience Research</i> , 2003, 47, 437-444.	1.0	27
47	Susceptibility to Killer T Cells of Gastric Cancer Cells Enhanced by Mitomycin α Involves Induction of ATBF1 and Activation of p21 (Waf1/Cip1) Promoter. <i>Microbiology and Immunology</i> , 2004, 48, 137-145.	0.7	27
48	Subcellular localization of ATBF1 regulates MUC5AC transcription in gastric cancer. <i>International Journal of Cancer</i> , 2007, 121, 241-247.	2.3	27
49	Structure and promoter activity of the human glia maturation factor-gamma gene: a TATA-less, GC-rich and bidirectional promoter. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2003, 1625, 246-252.	2.4	26
50	Regulation of store-operated Ca ²⁺ entry activity by cell cycle dependent up-regulation of Orai2 in brain capillary endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 457-462.	1.0	26
51	AT Motif Binding Factor 1-A (ATBF1-A) Negatively Regulates Transcription of the Aminopeptidase N Gene in the Crypt α -Villus Axis of Small Intestine. <i>Biochemical and Biophysical Research Communications</i> , 2000, 267, 91-95.	1.0	25
52	Sensitive immunoassays for human and rat GMFB and GMFG, tissue distribution and age-related changes. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2004, 1670, 208-216.	1.1	25
53	Diclofenac enhances proinflammatory cytokine-induced phagocytosis of cultured microglia via nitric oxide production. <i>Toxicology and Applied Pharmacology</i> , 2013, 268, 99-105.	1.3	25
54	Neuroprotective erythropoietin attenuates microglial activation, including morphological changes, phagocytosis, and cytokine production. <i>Brain Research</i> , 2017, 1662, 65-74.	1.1	25

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55	Neurotrophic action of gliostatin on cocultured neurons with glial cells. <i>Brain Research</i> , 1993, 622, 299-302.	1.1	24
56	Membrane-Bound Form of ADP-Ribosyl Cyclase in Rat Cortical Astrocytes in Culture. <i>Journal of Neurochemistry</i> , 2001, 74, 669-675.	2.1	24
57	High concentrations of immunoreactive gliostatin/platelet-derived endothelial cell growth factor in synovial fluid and serum of rheumatoid arthritis. <i>Clinica Chimica Acta</i> , 1993, 218, 1-4.	0.5	23
58	Isolation of novel human cDNA (hGMF- $\hat{1}3$) homologous to Glia Maturation Factor- $\hat{1}2$ gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1998, 1396, 242-244.	2.4	22
59	Autocrine induction of gliostatin/platelet-derived endothelial cell growth factor (GLS/PD-ECGF) and GLS-induced expression of matrix metalloproteinases in rheumatoid arthritis synoviocytes. <i>Rheumatology</i> , 1999, 38, 1195-1202.	0.9	22
60	Expression of glia maturation factor during retinal development in the rat. <i>Molecular Brain Research</i> , 2001, 95, 103-109.	2.5	22
61	Diclofenac Enhances Proinflammatory Cytokine-Induced Aquaporin-4 Expression in Cultured Astrocyte. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 393-400.	1.7	22
62	Traumatic injury in vitro induces IEG mRNAs in cultured glial cells, suppressed by co-culture with neurons. <i>NeuroReport</i> , 1999, 10, 2439-2448.	0.6	21
63	Epidermal growth factor down-regulates connexin-43 expression in cultured rat cortical astrocytes. <i>Neuroscience Letters</i> , 2001, 313, 53-56.	1.0	21
64	Molecular characterization of histidinemia: identification of four missense mutations in the histidase gene. <i>Human Genetics</i> , 2005, 116, 340-346.	1.8	21
65	A New Enteral Diet, MHN $\hat{e}2$, Which Contains Abundant Antioxidants and Whey Peptide, Protects Against Carbon Tetrachloride \hat{e} Induced Hepatitis. <i>Journal of Parenteral and Enteral Nutrition</i> , 2011, 35, 516-522.	1.3	21
66	CXCR4+CD45 \hat{a}^{hi} Cells are Niche Forming for Osteoclastogenesis via the SDF-1, CXCL7, and CX3CL1 Signaling Pathways in Bone Marrow. <i>Stem Cells</i> , 2016, 34, 2733-2743.	1.4	20
67	Hypoxic stress up-regulates Kir2.1 expression and facilitates cell proliferation in brain capillary endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 386-392.	1.0	19
68	Astrocytic gap junction blockage and neuronal Ca $^{2+}$ oscillation in neuron-astrocyte cocultures in vitro. <i>Neurochemistry International</i> , 1998, 33, 41-49.	1.9	18
69	Molecular cloning of two bovine aquaporin-4 cDNA isoforms and their expression in brain endothelial cells. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1999, 1489, 393-398.	2.4	18
70	Synovial inflammation and hyperplasia induced by gliostatin/platelet-derived endothelial cell growth factor in rabbit knees. <i>Rheumatology International</i> , 2000, 20, 13-19.	1.5	18
71	Prolonged exposure to ammonia increases extracellular glutamate in cultured rat astrocytes. <i>Neuroscience Letters</i> , 2009, 462, 109-112.	1.0	18
72	The Sp1 transcription factor is essential for the expression of gliostatin/thymidine phosphorylase in rheumatoid fibroblast-like synoviocytes. <i>Arthritis Research and Therapy</i> , 2012, 14, R87.	1.6	18

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73	Expression of myelencephalon-specific protease in transient middle cerebral artery occlusion model of rat brain. <i>Molecular Brain Research</i> , 2004, 126, 129-136.	2.5	17
74	Up-regulation of Kir2.1 by ER stress facilitates cell death of brain capillary endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 411, 293-298.	1.0	17
75	von Recklinghausen neurofibroma produces neuronal and glial growth-modulating factors. <i>Brain Research</i> , 1991, 556, 344-348.	1.1	16
76	Identification of immuno-reactive lipocortin 1-like molecules in serum and plasma by an enzyme immunoassay for lipocortin 1. <i>BBA - Proteins and Proteomics</i> , 1992, 1119, 250-255.	2.1	16
77	Expression of glia maturation factor beta after cryogenic brain injury. <i>Molecular Brain Research</i> , 2005, 133, 71-77.	2.5	16
78	Characteristics of the ATP-Induced Ca ²⁺ -Entry Pathway in the t-BBEC 117 Cell Line Derived From Bovine Brain Endothelial Cells. <i>Journal of Pharmacological Sciences</i> , 2007, 104, 103-107.	1.1	16
79	Diclofenac enhances proinflammatory cytokine-induced nitric oxide production through NF- κ B signaling in cultured astrocytes. <i>Toxicology and Applied Pharmacology</i> , 2009, 238, 56-63.	1.3	16
80	Resistance to chemotherapeutic agents and promotion of transforming activity mediated by embryonic stem cell-expressed Ras (ERas) signal in neuroblastoma cells. <i>International Journal of Oncology</i> , 2010, 37, 1011-6.	1.4	16
81	Isolation and characterization of a new immortal rat astrocyte with a high expression of NGF mRNA. <i>Neuroscience Research</i> , 2001, 39, 205-212.	1.0	15
82	Region-specific expression of a water channel protein, aquaporin 4, on brain astrocytes. <i>Journal of Neuroscience Research</i> , 2012, 90, 2272-2280.	1.3	15
83	Enhancement of FGF-1 release along with cytosolic proteins from rat astrocytes by hydrogen peroxide. <i>Brain Research</i> , 2013, 1522, 12-21.	1.1	15
84	TMEM16A Ca ²⁺ -Activated Cl ⁻ Channel Regulates the Proliferation and Migration of Brain Capillary Endothelial Cells. <i>Molecular Pharmacology</i> , 2020, 98, 61-71.	1.0	15
85	Cloning of a Rat Glia Maturation Factor- β (rGMFG) cDNA and Expression of Its mRNA and Protein in Rat Organs. <i>Journal of Biochemistry</i> , 2000, 127, 517-523.	0.9	14
86	Inflammatory cytokine tumor necrosis factor α suppresses neuroprotective endogenous erythropoietin from astrocytes mediated by hypoxia-inducible factor-1. <i>European Journal of Neuroscience</i> , 2014, 40, 3620-3626.	1.2	14
87	ERas enhances resistance to CPT-11 in gastric cancer. <i>Anticancer Research</i> , 2011, 31, 3353-60.	0.5	14
88	The inhibitory effect of disease-modifying anti-rheumatic drugs and steroids on gliostatin/platelet-derived endothelial cell growth factor production in human fibroblast-like synoviocytes. <i>Rheumatology International</i> , 2005, 25, 625-630.	1.5	13
89	Developmental defects and aberrant accumulation of endogenous psychosine in oligodendrocytes in a murine model of Krabbe disease. <i>Neurobiology of Disease</i> , 2018, 120, 51-62.	2.1	13
90	Evidence for participation of gliostatin/ Platelet-derived endothelial cell growth factor in gastric ulcer healing. <i>Life Sciences</i> , 1997, 61, 1899-1906.	2.0	12

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91	Tranilast suppresses prostate cancer growth and osteoclast differentiation in vivo and in vitro. <i>Prostate</i> , 2010, 70, 229-238.	1.2	12
92	Neurotrophic action of lipocortin 1 derived from astrocytes on cultured rat cortical neurons. <i>Molecular Brain Research</i> , 1998, 60, 28-39.	2.5	11
93	Mechanism for FGF-1 to regulate biogenesis of apoE-HDL in astrocytes. <i>Journal of Lipid Research</i> , 2007, 48, 2020-2027.	2.0	11
94	CD36-related protein in <i>Schistosoma japonicum</i> : candidate mediator of selective cholesteryl ester uptake from high-density lipoprotein for egg maturation. <i>FASEB Journal</i> , 2013, 27, 1236-1244.	0.2	11
95	Membrane Hyperpolarization Induced by Endoplasmic Reticulum Stress Facilitates Ca ²⁺ Influx to Regulate Cell Cycle Progression in Brain Capillary Endothelial Cells. <i>Journal of Pharmacological Sciences</i> , 2014, 125, 227-232.	1.1	11
96	Tumor necrosis factor stimulates osteoclastogenesis from human bone marrow cells under hypoxic conditions. <i>Experimental Cell Research</i> , 2014, 321, 167-177.	1.2	11
97	Establishment of an enzyme immunoassay system for gliostatin/platelet-derived endothelial cell growth factor (PD-ECCF). <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1993, 1176, 299-304.	1.9	10
98	Isolation of a Rat Histidase cDNA Sequence and Expression in <i>Escherichia coli</i> - Evidence of Extrahepatic/Epidermal Distribution. <i>FEBS Journal</i> , 1997, 250, 212-221.	0.2	10
99	Gliostatin/thymidine phosphorylase-regulated vascular endothelial growth-factor production in human fibroblast-like synoviocytes. <i>Rheumatology International</i> , 2007, 27, 553-559.	1.5	10
100	Hypoxic stress upregulates K ^{2.1} expression by a pathway including hypoxic-inducible factor-1 and dynamin2 in brain capillary endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 315, C202-C213.	2.1	10
101	A metabotropic glutamate receptor antagonist, α -methyl-4-carboxyphenylglycine, attenuates immediate early gene mRNA expression following traumatic injury in cultured rat cortical glial cells. <i>Neuroscience Letters</i> , 2001, 306, 101-105.	1.0	9
102	Acid stimulates E-cadherin surface expression on gastric epithelial cells to stabilize barrier functions via influx of calcium. <i>European Journal of Gastroenterology and Hepatology</i> , 2001, 13, 127-136.	0.8	9
103	IL-1 β -induced expression of matrix metalloproteinases and gliostatin/platelet-derived endothelial cell growth factor (GLS/PD-ECCF) in a chondrosarcoma cell line (OUMS-27). <i>Rheumatology International</i> , 2001, 21, 45-52.	1.5	9
104	ACTH α -24 Down-Regulates Expression of Ciliary Neurotrophic Factor mRNA in Cultured Rat Astrocyte. <i>Pediatric Research</i> , 2002, 52, 950-957.	1.1	9
105	A diagnostic marker for superficial urothelial bladder carcinoma: lack of nuclear ATBF1 (ZFHX3) by immunohistochemistry suggests malignant progression. <i>BMC Cancer</i> , 2016, 16, 805.	1.1	9
106	Mineralocorticoid receptor stimulation induces urinary storage dysfunction via upregulation of epithelial sodium channel expression in the rat urinary bladder epithelium. <i>Journal of Pharmacological Sciences</i> , 2016, 130, 219-225.	1.1	9
107	Do Mesenchymal Stem Cells Derived From Atypical Lipomatous Tumors Have Greater Differentiation Potency Than Cells From Normal Adipose Tissues?. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 1693-1701.	0.7	9
108	Oxidative stress facilitates cell death by inhibiting Orai1-mediated Ca ²⁺ entry in brain capillary endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 153-158.	1.0	9

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109	Regulation of rat hippocampal neural cadherin in the kainic acid induced seizures. <i>Neuroscience Letters</i> , 2001, 297, 13-16.	1.0	8
110	Hyperthermic induction of apoptosis in malignant fibrous histiocytoma cells: possible involvement of a p53-independent pathway in the induction of bax gene. <i>Journal of Orthopaedic Science</i> , 2002, 7, 117-122.	0.5	8
111	AT motif binding factor 1 (ATBF1) is highly phosphorylated in embryonic brain and protected from cleavage by calpain-1. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 537-541.	1.0	8
112	Expression and subcellular localization of AT motif binding factor 1 in colon tumours. <i>Molecular Medicine Reports</i> , 2017, 16, 3095-3102.	1.1	8
113	Hypoxia increases the proliferation of brain capillary endothelial cells via upregulation of TMEM16A Ca ²⁺ -activated Cl ⁻ channels. <i>Journal of Pharmacological Sciences</i> , 2021, 146, 65-69.	1.1	8
114	Urinary acylcarnitines in a patient with neonatal multiple acyl-CoA dehydrogenation deficiency, quantified by a carboxylic acid analyzer with a reversed-phase column. <i>Clinica Chimica Acta</i> , 1988, 173, 263-272.	0.5	7
115	SPECIFIC DETECTION OF Î ⁹ LIGHT CHAIN IN URIC ACID STONES. <i>Life Sciences</i> , 1997, 61, 249-253.	2.0	7
116	Recurrent subthreshold electrical activities of rat neocortical neurons progress during long-term culture. <i>Neuroscience Letters</i> , 2001, 304, 85-88.	1.0	7
117	Serum Gliostatin Levels in Patients with Rheumatoid Factor-Negative and -Positive Rheumatoid Arthritis and Changes of these Levels after Surgical Treatments. <i>Clinical Rheumatology</i> , 2001, 20, 331-336.	1.0	7
118	Calcium Oxalate Crystal Attachment to Cultured Rat Kidney Epithelial Cell, NRK-52E. <i>Urologia Internationalis</i> , 2001, 67, 73-76.	0.6	7
119	Three-dimensional spheroid culture induces apical-basal polarity and the original characteristics of immortalized human renal proximal tubule epithelial cells. <i>Experimental Cell Research</i> , 2021, 404, 112630.	1.2	7
120	Varying Effects of Ethanol on Transfected Cell Lines. <i>Alcoholism: Clinical and Experimental Research</i> , 1998, 22, 163-166.	1.4	6
121	Expression of Myelencephalon-Specific Protease after Cryogenic Lesioning of the Rat Parietal Cortex. <i>Journal of Neurotrauma</i> , 2005, 22, 501-510.	1.7	6
122	Localization of Reversion-Induced LIM Protein (RIL) in the Rat Central Nervous System. <i>Acta Histochemica Et Cytochemica</i> , 2009, 42, 9-14.	0.8	6
123	Mithramycin has inhibitory effects on gliostatin and matrix metalloproteinase expression induced by gliostatin in rheumatoid fibroblast-like synoviocytes. <i>Modern Rheumatology</i> , 2018, 28, 495-505.	0.9	6
124	Clinical and Biochemical Findings of a Patient With Thanatophoric Dysplasia Type I: Additional Finding of Dicarboxylic Aciduria. <i>Cleft Palate-Craniofacial Journal</i> , 2002, 39, 246-248.	0.5	5
125	Clinical and Biochemical Findings of a Patient with Thanatophoric Dysplasia Type I: Additional Finding of Dicarboxylic Aciduria. <i>Cleft Palate-Craniofacial Journal</i> , 2002, 39, 246-248.	0.5	5
126	Severity of Virilization of External Genitalia in Japanese Patients with Salt-wasting 21-hydroxylase Deficiency. <i>Tohoku Journal of Experimental Medicine</i> , 2008, 215, 341-348.	0.5	5

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127	FK506 inhibition of gliostatin/thymidine phosphorylase production induced by tumor necrosis factor- $\hat{\pm}$ in rheumatoid fibroblast-like synoviocytes. <i>Rheumatology International</i> , 2011, 31, 903-909.	1.5	5
128	Probable assignment of the dihydropteridine reductase gene to 4p15.31.. <i>Tohoku Journal of Experimental Medicine</i> , 1990, 160, 93-94.	0.5	4
129	Neuroblastoma Growth Factors Derived from Neurofibroma (NF1): Participation of Uridine in a Neuroblastoma Growth. <i>Journal of Neurochemistry</i> , 1993, 60, 312-319.	2.1	4
130	ACTH1-24 Down-Regulates Expression of Ciliary Neurotrophic Factor mRNA in Cultured Rat Astrocyte. <i>Pediatric Research</i> , 2002, 52, 950-957.	1.1	4
131	The Janus kinase inhibitor (baricitinib) suppresses the rheumatoid arthritis active marker gliostatin/thymidine phosphorylase in human fibroblast-like synoviocytes. <i>Immunologic Research</i> , 2022, 70, 208-215.	1.3	4
132	Plasma lactoferrin levels after bone marrow transplantation monitored by a two-site enzyme immunoassay. <i>Clinica Chimica Acta</i> , 1991, 202, 111-117.	0.5	3
133	Human neuroblastoma growth inhibitory factor (h-NGIF), derived from human astrocytoma conditioned medium, has neurotrophic properties. <i>Brain Research</i> , 1994, 644, 282-290.	1.1	3
134	Glia maturation factor-beta is produced by thymoma and may promote intratumoral T-cell differentiation. <i>Histopathology</i> , 2005, 47, 292-302.	1.6	3
135	Growth-Promoting Action of Adenosine-Containing Dinucleotide on Neuroblastoma Cells: Detection of Adenosine-Cytidine Dinucleotide (ApCp) in Neurofibroma (NF1) Extracts. <i>Journal of Neurochemistry</i> , 1993, 61, 1430-1437.	2.1	2
136	Abnormal Glycosylation of IgG as a Clinical Parameter in Patients with Rheumatoid Arthritis: Its Constitutional Analysis by HPLC.. <i>Journal of Clinical Biochemistry and Nutrition</i> , 1998, 25, 131-142.	0.6	2
137	Developmental changes and localization of mouse brain serine proteinase mRNA and protein in mouse brain. <i>Neuroscience Letters</i> , 2002, 323, 133-136.	1.0	2
138	Stimulation of neuronal cells by culture supernatant of T lymphocytes triggered by anti- $\text{CD}3$ mAb followed by propagation in the presence of interleukin- 2 . <i>Microbiology and Immunology</i> , 2016, 60, 47-55.	0.7	2
139	Molecular Cloning of Human UMP Synthase. <i>Advances in Experimental Medicine and Biology</i> , 1989, 253A, 511-518.	0.8	2
140	The blood-brain barrier and astrocytes.. <i>Drug Delivery System</i> , 1996, 11, 375-383.	0.0	1
141	Effects of mechanical vibration on DNA and proteoglycan syntheses in cultured articular chondrocytes. <i>Modern Rheumatology</i> , 2001, 11, 40-46.	0.9	1
142	HIF- $1\hat{\pm}$ -dynamin2-Kir2.1 pathway contributes to cell proliferation in brain capillary endothelial cells under hypoxic stress. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-2-25.	0.0	0