Masakiyo Sasahara

List of Publications by Year
in descending order

85	3,654	109321 35	138484 58
papers	citations	h-index	g-index

85	85	85	5885
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A rare case of synchronous bilateral epididymal and testicular metastases of urothelial carcinoma of the bladder after intravesical bacillus Calmetteâ€“GuÃ©rin. International Cancer Conference Journal, 2021, 10, 59-62.	0.5	2
2	Vascular PDGFR-alpha protects against BBB dysfunction after stroke in mice. Angiogenesis, 2021, 24, 35-46.	7.2	26
3	Generation of an immortalized astrocytic cell line from Abcd1-deficient H-2KbtsA58 mice to facilitate the study of the role of astrocytes in X-linked adrenoleukodystrophy. Heliyon, 2021, 7, e06228.	3.2	6
4	Generation and characterization of a Meflin-CreERT2 transgenic line for lineage tracing in white adipose tissue. PLoS ONE, 2021, 16, e0248267.	2.5	5
5	Oestrogen receptor Î± in T cells controls the T cell immune profile and glucose metabolism in mouse models of gestational diabetes mellitus. Diabetologia, 2021, 64, 1660-1673.	6.3	7
6	Dysregulation of Amphiregulin stimulates the pathogenesis of cystic lymphangioma. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
7	Critical role of platelet-derived growth factorâ€“Î± in angiogenesis after indirect bypass in a murine moyamoya disease model. Journal of Neurosurgery, 2021, 134, 1535-1543.	1.6	12
8	Early-life experiences altered the maturation of the lateral habenula in mouse models, resulting in behavioural disorders in adulthood. Journal of Psychiatry and Neuroscience, 2021, 46, E480-E489.	2.4	9
9	Clinicopathological Features of Thyroid-Like Low-Grade Nasopharyngeal Papillary Adenocarcinoma: A Case Report and Review of the Literature. Frontiers in Surgery, 2020, 7, 596796.	1.4	7
10	Stromal cell-derived factor 1 (SDF1) attenuates platelet-derived growth factor-B (PDGF-B)-induced vascular remodeling for adipose tissue expansion in obesity. Angiogenesis, 2020, 23, 667-684.	7.2	19
11	Trichohyalin-like 1 protein plays a crucial role in proliferation and anti-apoptosis of normal human keratinocytes and squamous cell carcinoma cells. Cell Death Discovery, 2020, 6, 109.	4.7	9
12	Stress-Related Neuronal Clusters in Sublenticular Extended Amygdala of Basal Forebrain Show Individual Differences of Positions. Frontiers in Neural Circuits, 2020, 14, 29.	2.8	5
13	Bofutsushosan improves gut barrier function with a bloom of Akkermansia muciniphila and improves glucose metabolism in mice with diet-induced obesity. Scientific Reports, 2020, 10, 5544.	3.3	51
14	Oligodendrogenesis and Myelin Formation in the Forebrain Require Platelet-derived Growth Factor Receptor-alpha. Neuroscience, 2020, 436, 11-26.	2.3	7
15	Astaxanthin stimulates mitochondrial biogenesis in insulin resistant muscle via activation of AMPK pathway. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 241-258.	7.3	95
16	Bidirectional crosstalk between neutrophils and adipocytes promotes adipose tissue inflammation. FASEB Journal, 2019, 33, 11821-11835.	0.5	46
17	Nâ€acetylaspartate availability is essential for juvenile survival on fatâ€free diet and determines metabolic health. FASEB Journal, 2019, 33, 13808-13824.	0.5	6
18	Powerful Homeostatic Control of Oligodendroglial Lineage by PDGFRÎ± in Adult Brain. Cell Reports, 2019, 27, 1073-1089.e5.	6.4	46

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19	PDGFR-Î² restores blood-brain barrier functions in a mouse model of focal cerebral ischemia. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1501-1515.	4.3	61
20	Chronotherapeutic effect of orexin antagonists on glucose metabolism in diabetic mice. Journal of Endocrinology, 2019, 243, 59-72.	2.6	6
21	NK Cells Control Tumor-Promoting Function of Neutrophils in Mice. Cancer Immunology Research, 2018, 6, 348-357.	3.4	39
22	Different PDGF Receptor Dimers Drive Distinct Migration Modes of the Mouse Skin Fibroblast. Cellular Physiology and Biochemistry, 2018, 51, 1461-1479.	1.6	9
23	Partial depletion of CD206-positive M2-like macrophages induces proliferation of beige progenitors and enhances browning after cold stimulation. Scientific Reports, 2018, 8, 14567.	3.3	24
24	The Novel Pathogenesis of Retinopathy Mediated by Multiple RTK Signals is Uncovered in Newly Developed Mouse Model. EBioMedicine, 2018, 31, 190-201.	6.1	22
25	Serine racemase deletion attenuates neurodegeneration and microvascular damage in diabetic retinopathy. PLoS ONE, 2018, 13, e0190864.	2.5	19
26	Overlapping memory trace indispensable for linking, but not recalling, individual memories. Science, 2017, 355, 398-403.	12.6	95
27	PDGFRÎ² Regulates Adipose Tissue Expansion and Glucose Metabolism via Vascular Remodeling in Diet-Induced Obesity. Diabetes, 2017, 66, 1008-1021.	0.6	66
28	Pathogenetic significance and possibility as a therapeutic target of platelet derived growth factor. Pathology International, 2017, 67, 235-246.	1.3	30
29	A subset of cerebrovascular pericytes originates from mature macrophages in the very early phase of vascular development in CNS. Scientific Reports, 2017, 7, 3855.	3.3	73
30	CD206+ M2-like macrophages regulate systemic glucose metabolism by inhibiting proliferation of adipocyte progenitors. Nature Communications, 2017, 8, 286.	12.8	178
31	Successful multimodal treatment of intraoral salivary duct carcinoma in a patient with multiple lymph node metastases: a case report. World Journal of Surgical Oncology, 2017, 15, 18.	1.9	5
32	PDGFR-Î² Plays a Key Role in the Ectopic Migration of Neuroblasts in Cerebral Stroke. Stem Cells, 2016, 34, 685-698.	3.2	27
33	PDGFRÎ± plays a crucial role in connective tissue remodeling. Scientific Reports, 2016, 5, 17948.	3.3	61
34	Mobilization of Pluripotent Multilineage-Differentiating Stress-Enduring Cells in Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 1473-1481.	1.6	43
35	Pericyteâ€“fibroblast transition promotes tumor growth and metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5618-27.	7.1	246
36	HIF-1Î± in Myeloid Cells Promotes Adipose Tissue Remodeling Toward Insulin Resistance. Diabetes, 2016, 65, 3649-3659.	0.6	81

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37	Timed Inhibition of Orexin System by Suvorexant Improved Sleep and Glucose Metabolism in Type 2 Diabetic db/db Mice. Endocrinology, 2016, 157, 4146-4157.	2.8	23
38	Isoliquiritigenin Attenuates Adipose Tissue Inflammation in vitro and Adipose Tissue Fibrosis through Inhibition of Innate Immune Responses in Mice. Scientific Reports, 2016, 6, 23097.	3.3	75
39	Glioma-Derived Platelet-Derived Growth Factor-BB Recruits Oligodendrocyte Progenitor Cells via Platelet-Derived Growth Factor Receptor-Î± and Remodels Cancer Stroma. American Journal of Pathology, 2016, 186, 1081-1091.	3.8	10
40	A Case of an Ovarian Mature Cystic Teratoma Penetrated into the Sigmoid Colon. Nihon Rinsho Geka Gakkai Zasshi (Journal of Japan Surgical Association), 2016, 77, 2547-2551.	0.0	1
41	Relationships among Parvalbumin-Immunoreactive Neuron Density, Phase-Locked Gamma Oscillations, and Autistic/Schizophrenic Symptoms in PDGFR-Î² Knock-Out and Control Mice. PLoS ONE, 2015, 10, e0119258.	2.5	60
42	Inflammation-induced endothelial cell-derived extracellular vesicles modulate the cellular status of pericytes. Scientific Reports, 2015, 5, 8505.	3.3	134
43	Extramammary Paget's disease occurring in the context of Cowden syndrome: true association or mere coincidence?. European Journal of Dermatology, 2015, 25, 89-91.	0.6	0
44	Sarcomatoid salivary duct carcinoma of the palate: a rare caseÂreport. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2015, 119, e27-e32.	0.4	1
45	Immunohistological examination of a skin lesion in a Japanese case with hand, foot and mouth disease caused by coxsackie-virus A6. European Journal of Dermatology, 2014, 24, 506-507.	0.6	4
46	The Roles of PDGF in Development and During Neurogenesis in the Normal and Diseased Nervous System. Journal of NeuroImmune Pharmacology, 2014, 9, 168-181.	4.1	139
47	Nicotine suppresses acute colitis and colonic tumorigenesis associated with chronic colitis in mice. American Journal of Physiology - Renal Physiology, 2014, 307, G968-G978.	3.4	57
48	PDGF Suppresses Oxidative Stress Induced Ca²⁺Overload and Calpain Activation in Neurons. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-8.	4.0	25
49	PDGFR-Î² as a Positive Regulator of Tissue Repair in a Mouse Model of Focal Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 353-367.	4.3	101
50	Platelet-derived growth factor and renal disease. Current Opinion in Nephrology and Hypertension, 2012, 21, 80-85.	2.0	10
51	PDGF-BB modulates hematopoiesis and tumor angiogenesis by inducing erythropoietin production in stromal cells. Nature Medicine, 2012, 18, 100-110.	30.7	185
52	Aberrant hippocampal spine morphology and impaired memory formation in neuronal plateletâ€derived growth factor betaâ€receptor lacking mice. Hippocampus, 2012, 22, 1371-1378.	1.9	14
53	Cognitive and Socio-Emotional Deficits in Platelet-Derived Growth Factor Receptor-Î² Gene Knockout Mice. PLoS ONE, 2011, 6, e18004.	2.5	50
54	Reduced expression of the ATRX gene, a chromatinâ€remodeling factor, causes hippocampal dysfunction in mice. Hippocampus, 2011, 21, 678-687.	1.9	34

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55	Roles of PDGF receptor-beta in the structure and function of postnatal kidney glomerulus. Nephrology Dialysis Transplantation, 2011, 26, 458-468.	0.7	17
56	Neuroprotective effects of PDGF against oxidative stress and the signaling pathway involved. Journal of Neuroscience Research, 2010, 88, 1273-1284.	2.9	76
57	ATBF1 Inhibits Estrogen Receptor (ER) Function by Selectively Competing with AIB1 for Binding to the ER in ER-positive Breast Cancer Cells*. Journal of Biological Chemistry, 2010, 285, 32801-32809.	3.4	45
58	Activation of MAP kinases, Akt and PDGF receptors in injured peripheral nerves. Journal of the Peripheral Nervous System, 2009, 14, 165-176.	3.1	54
59	PDGF Receptor Î² Is a Potent Regulator of Mesenchymal Stromal Cell Function. Journal of Bone and Mineral Research, 2008, 23, 1519-1528.	2.8	139
60	Characterization of neuroprogenitor cells expressing the PDGF Î²-receptor within the subventricular zone of postnatal mice. Molecular and Cellular Neurosciences, 2008, 37, 507-518.	2.2	55
61	Mouse brains deficient in neuronal PDGF receptor-beta develop normally but are vulnerable to injury. Journal of Neurochemistry, 2006, 98, 588-600.	3.9	76
62	Deletion of the PDGFR-Î² Gene Affects Key Fibroblast Functions Important for Wound Healing. Journal of Biological Chemistry, 2005, 280, 9375-9389.	3.4	98
63	The PDGF B-chain is involved in the ontogenic susceptibility of the developing rat brain to NMDA toxicity. Experimental Neurology, 2004, 186, 89-98.	4.1	43
64	Active Src expression is induced after rat peripheral nerve injury. Glia, 2003, 42, 184-193.	4.9	25
65	Platelet-derived growth factor-b expression induced after rat peripheral nerve injuries. Glia, 2002, 38, 303-312.	4.9	62
66	Repeated Antigen Challenge Modulates Expression of Follicular Dendritic Cell (FDC) Related Molecule in Draining Lymph Nodes.. Acta Histochemica Et Cytochemica, 2001, 34, 265-273.	1.6	1
67	Genetic analysis of cataract in Ihara epileptic rat. Mammalian Genome, 2001, 12, 207-211.	2.2	9
68	Expression of platelet-derived growth factor after transient forebrain ischemia in the gerbil hippocampus. Acta Neuropathologica, 1998, 95, 471-478.	7.7	8
69	Induction of Platelet-Derived Growth Factor Î²-Receptor in Focal Ischemia of Rat Brain. Journal of Cerebral Blood Flow and Metabolism, 1996, 16, 941-949.	4.3	47
70	Expression of platelet-derived growth factor B-chain in the mature rat brain and pituitary gland. Molecular Brain Research, 1995, 32, 63-74.	2.3	36
71	Ischemia Induces the Expression of the Platelet-Derived Growth Factor-B Chain in Neurons and Brain Macrophages in vivo. Journal of Cerebral Blood Flow and Metabolism, 1994, 14, 818-824.	4.3	77
72	Enhanced Expression of PDGF-B Chain mRNA in the Cultured Aortic Endothelial Cells from Stroke-Prone SHR. International Heart Journal, 1994, 35, 519-519.	0.6	0

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73	ANALYSIS OF SECRETION AND EXPRESSION OF PLATELET-DERIVED GROWTH FACTOR IN CULTURED ENDOTHELIAL CELLS FROM STROKE-PRONE SPONTANEOUSLY HYPERTENSIVE RAT. Clinical and Experimental Pharmacology and Physiology, 1993, 20, 515-521.	1.9	4
74	Immuno-study of PDGF, PDGF Receptor and Cell Kinetics in Atherosclerotic Lesions in Nonhuman Primates. The Journal of Japan Atherosclerosis Society, 1993, 21, 493-496.	0.0	0
75	Analysis of expression and secretion of PDGF-B chain of cultured aortic endothelial cell of stroke-prone SHR. International Heart Journal, 1993, 34, 525-525.	0.6	0
76	PDGF B-chain in neurons of the central nervous system, posterior pituitary, and in a transgenic model. Cell, 1991, 64, 217-227.	28.9	407
77	Quantitative and Histochemical investigation of membrane-bound enzymes in the cerebral microvessels in SHR-SP. International Heart Journal, 1989, 30, 577-577.	0.6	0
78	The effect of hypertension on lysosomal enzyme activities in aortic endothelial cells. International Heart Journal, 1988, 29, 518-518.	0.6	0
79	PROLIFERATION PROPERTY OF CULTIVATED AORTIC EDOTHELIAL CELLS FROM HYPERTENSIVE RATS. International Heart Journal, 1988, 29, 519-519.	0.6	0
80	Lysosomal enzyme activities in the cerebral microvessels of SBR-SP. International Heart Journal, 1987, 28, 590-590.	0.6	0
81	Aortic Proteases in Hypertensive Rats. International Heart Journal, 1985, 26, 638-638.	0.6	1
82	Elastase and Collagenase Activities in The Aorta in SHRSP. International Heart Journal, 1984, 25, 884-884.	0.6	0
83	Elastase in Aorta in SHR-SP. International Heart Journal, 1983, 24, 794-794.	0.6	0
84	Lysosomal enzyme activity in the arterial system in SHRSP. International Heart Journal, 1982, 23, 463-464.	0.6	0
85	Histochemical study on lysosomal enzyme activities in the endothelial monolayer preparations from SHRSP. International Heart Journal, 1982, 23, 398-398.	0.6	0