

Seiji Yamamoto

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,394
citations

186265

28
h-index

206112

48
g-index

53
all docs

53
docs citations

53
times ranked

4371
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Innate IL-5 ⁺ Producing Cells and Their Role in Lung Eosinophil Regulation and Antitumor Immunity. <i>Journal of Immunology</i> , 2012, 188, 703-713.	0.8	258
2	CD206 ⁺ M2-like macrophages regulate systemic glucose metabolism by inhibiting proliferation of adipocyte progenitors. <i>Nature Communications</i> , 2017, 8, 286.	12.8	178
3	Inflammation-induced endothelial cell-derived extracellular vesicles modulate the cellular status of pericytes. <i>Scientific Reports</i> , 2015, 5, 8505.	3.3	134
4	PDGFR- β as a Positive Regulator of Tissue Repair in a Mouse Model of Focal Cerebral Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 353-367.	4.3	101
5	Tissue Myeloid Progenitors Differentiate into Pericytes through TGF- β Signaling in Developing Skin Vasculature. <i>Cell Reports</i> , 2017, 18, 2991-3004.	6.4	97
6	Astaxanthin stimulates mitochondrial biogenesis in insulin resistant muscle via activation of AMPK pathway. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 241-258.	7.3	95
7	Vascular Endothelial Growth Factor Receptor-1 Signaling Promotes Mobilization of Macrophage Lineage Cells from Bone Marrow and Stimulates Solid Tumor Growth. <i>Cancer Research</i> , 2010, 70, 8211-8221.	0.9	85
8	Silencing of Fas-associated Death Domain Protects Mice from Septic Lung Inflammation and Apoptosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 806-815.	5.6	82
9	HIF-1 α in Myeloid Cells Promotes Adipose Tissue Remodeling Toward Insulin Resistance. <i>Diabetes</i> , 2016, 65, 3649-3659.	0.6	81
10	Isoliquiritigenin Attenuates Adipose Tissue Inflammation in vitro and Adipose Tissue Fibrosis through Inhibition of Innate Immune Responses in Mice. <i>Scientific Reports</i> , 2016, 6, 23097.	3.3	75
11	A subset of cerebrovascular pericytes originates from mature macrophages in the very early phase of vascular development in CNS. <i>Scientific Reports</i> , 2017, 7, 3855.	3.3	73
12	PDGFR β Regulates Adipose Tissue Expansion and Glucose Metabolism via Vascular Remodeling in Diet-Induced Obesity. <i>Diabetes</i> , 2017, 66, 1008-1021.	0.6	66
13	Dose-Dependent Modulatory Effects of Insulin on Glucose-Induced Endothelial Senescence In Vitro and In Vivo: A Relationship between Telomeres and Nitric Oxide. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 337, 591-599.	2.5	65
14	PDGFR α plays a crucial role in connective tissue remodeling. <i>Scientific Reports</i> , 2016, 5, 17948.	3.3	61
15	PDGFR β restores blood-brain barrier functions in a mouse model of focal cerebral ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1501-1515.	4.3	61
16	Bofutsushosan improves gut barrier function with a bloom of <i>Akkermansia muciniphila</i> and improves glucose metabolism in mice with diet-induced obesity. <i>Scientific Reports</i> , 2020, 10, 5544.	3.3	51
17	Insights Into Sepsis Therapeutic Design Based on the Apoptotic Death Pathway. <i>Journal of Pharmacological Sciences</i> , 2010, 114, 354-365.	2.5	50
18	Significance of Extracellular Vesicles: Pathobiological Roles in Disease. <i>Cell Structure and Function</i> , 2016, 41, 137-143.	1.1	47

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19	Modulation of glucocorticoid receptor expression, inflammation, and cell apoptosis in septic guinea pig lungs using methylprednisolone. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L998-L1006.	2.9	46
20	Successful Treatment of Acute Lung Injury with Pitavastatin in Septic Mice: Potential Role of Glucocorticoid Receptor Expression in Alveolar Macrophages. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 336, 381-390.	2.5	46
21	Bidirectional crosstalk between neutrophils and adipocytes promotes adipose tissue inflammation. <i>FASEB Journal</i> , 2019, 33, 11821-11835.	0.5	46
22	Powerful Homeostatic Control of Oligodendroglial Lineage by PDGFR α in Adult Brain. <i>Cell Reports</i> , 2019, 27, 1073-1089.e5.	6.4	46
23	High glucose-induced apoptosis in human coronary artery endothelial cells involves up-regulation of death receptors. <i>Cardiovascular Diabetology</i> , 2011, 10, 73.	6.8	42
24	NK Cells Control Tumor-Promoting Function of Neutrophils in Mice. <i>Cancer Immunology Research</i> , 2018, 6, 348-357.	3.4	39
25	Increased death receptor pathway of apoptotic signaling in septic mouse aorta: effect of systemic delivery of FADD siRNA. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H92-H101.	3.2	37
26	Nuclear factor- κ B decoy oligodeoxynucleotides ameliorate impaired glucose tolerance and insulin resistance in mice with cecal ligation and puncture-induced sepsis*. <i>Critical Care Medicine</i> , 2009, 37, 2791-2799.	0.9	35
27	Role of ion channels in sepsis-induced atrial tachyarrhythmias in guinea pigs. <i>British Journal of Pharmacology</i> , 2012, 166, 390-400.	5.4	34
28	MicroRNA-145-5p and microRNA-320a encapsulated in endothelial microparticles contribute to the progression of vasculitis in acute Kawasaki Disease. <i>Scientific Reports</i> , 2018, 8, 1016.	3.3	31
29	Pathogenetic significance and possibility as a therapeutic target of platelet derived growth factor. <i>Pathology International</i> , 2017, 67, 235-246.	1.3	30
30	PDGFR β Plays a Key Role in the Ectopic Migration of Neuroblasts in Cerebral Stroke. <i>Stem Cells</i> , 2016, 34, 685-698.	3.2	27
31	MicroRNA-93 may control vascular endothelial growth factor A in circulating peripheral blood mononuclear cells in acute Kawasaki disease. <i>Pediatric Research</i> , 2016, 80, 425-432.	2.3	26
32	Vascular PDGFR-alpha protects against BBB dysfunction after stroke in mice. <i>Angiogenesis</i> , 2021, 24, 35-46.	7.2	26
33	Up-Regulation of Histamine H ₄ Receptors Contributes to Splenic Apoptosis in Septic Mice: Counteraction of the Antiapoptotic Action of Nuclear Factor- κ B. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 730-737.	2.5	24
34	Partial depletion of CD206-positive M2-like macrophages induces proliferation of beige progenitors and enhances browning after cold stimulation. <i>Scientific Reports</i> , 2018, 8, 14567.	3.3	24
35	The Novel Pathogenesis of Retinopathy Mediated by Multiple RTK Signals is Uncovered in Newly Developed Mouse Model. <i>EBioMedicine</i> , 2018, 31, 190-201.	6.1	22
36	Stromal cell-derived factor 1 (SDF1) attenuates platelet-derived growth factor-B (PDGF-B)-induced vascular remodeling for adipose tissue expansion in obesity. <i>Angiogenesis</i> , 2020, 23, 667-684.	7.2	19

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37	Role of Retinoic Acid-Related Orphan Receptor- α in Differentiation of Human Mesenchymal Stem Cells along with Osteoblastic Lineage. <i>Pathobiology</i> , 2010, 77, 28-37.	3.8	18
38	Mediator cyclin-dependent kinases upregulate transcription of inflammatory genes in cooperation with NF- κ B and C/EBP β on stimulation of Toll-like receptor 9. <i>Genes To Cells</i> , 2017, 22, 265-276.	1.2	17
39	Discovery of Power-Law Growth in the Self-Renewal of Heterogeneous Glioma Stem Cell Populations. <i>PLoS ONE</i> , 2015, 10, e0135760.	2.5	15
40	Sirt1 activator induces proangiogenic genes in preadipocytes to rescue insulin resistance in diet-induced obese mice. <i>Scientific Reports</i> , 2018, 8, 11370.	3.3	14
41	Critical role of platelet-derived growth factor- α in angiogenesis after indirect bypass in a murine moyamoya disease model. <i>Journal of Neurosurgery</i> , 2021, 134, 1535-1543.	1.6	12
42	Glioma-Derived Platelet-Derived Growth Factor-BB Recruits Oligodendrocyte Progenitor Cells via Platelet-Derived Growth Factor Receptor- α and Remodels Cancer Stroma. <i>American Journal of Pathology</i> , 2016, 186, 1081-1091.	3.8	10
43	Different PDGF Receptor Dimers Drive Distinct Migration Modes of the Mouse Skin Fibroblast. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 1461-1479.	1.6	9
44	Trichohyalin-like 1 protein plays a crucial role in proliferation and anti-apoptosis of normal human keratinocytes and squamous cell carcinoma cells. <i>Cell Death Discovery</i> , 2020, 6, 109.	4.7	9
45	Dysregulation of Amphiregulin stimulates the pathogenesis of cystic lymphangioma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	8
46	Oligodendrogenesis and Myelin Formation in the Forebrain Require Platelet-derived Growth Factor Receptor-alpha. <i>Neuroscience</i> , 2020, 436, 11-26.	2.3	7
47	Sympathetic Control of VEGF Angiogenic Signaling. <i>Circulation Research</i> , 2007, 101, 642-644.	4.5	5
48	Generation and characterization of a Meflin-CreERT2 transgenic line for lineage tracing in white adipose tissue. <i>PLoS ONE</i> , 2021, 16, e0248267.	2.5	5
49	Cerebrospinal fluid may flow out from the brain through the frontal skull base and choroid plexus: a gold colloid and cadaverine injection study in mouse fetus. <i>Child's Nervous System</i> , 2021, 37, 3013-3020.	1.1	3
50	Bone marrow transplantation into <i>Abcd1</i> -deficient mice: Distribution of donor derived cells and biological characterization of the brain of the recipient mice. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 718-727.	3.6	1
51	Expression of TNF- α and Fas in coronary arterioles of type 2 diabetic mice. <i>FASEB Journal</i> , 2012, 26, 842.2.	0.5	0