

# Hideyuki Yamawaki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2420274/publications.pdf>

Version: 2024-02-01

89  
papers

2,567  
citations

201385

27  
h-index

214527

47  
g-index

92  
all docs

92  
docs citations

92  
times ranked

2974  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiovascular Characteristics of Zucker Fatty Diabetes Mellitus Rats, an Animal Model for Obesity and Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4228.	1.8	1
2	Establishment of an experimental model of normal dog bladder organoid using a three-dimensional culture method. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113105.	2.5	10
3	Preventive Effect of Canstatin against Ventricular Arrhythmia Induced by Ischemia/Reperfusion Injury: A Pilot Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1004.	1.8	8
4	The alteration of molecular properties in plasma extracellular vesicles from spontaneously hypertensive rats. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2021, 94, 2-Y-E3-2.	0.0	0
5	A single injection of periostin decreases cardiac voltage-gated Na <sup>+</sup> channel in rat ventricles. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 997-1003.	0.3	1
6	Age-dependent increase in activity of eukaryotic elongation factor 2 kinase in mesenteric arteries from spontaneously hypertensive rats. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 42-47.	0.3	1
7	Anti-tumor effect of trametinib in bladder cancer organoid and the underlying mechanism. <i>Cancer Biology and Therapy</i> , 2021, 22, 357-371.	1.5	27
8	Evaluation of the Safety and Feasibility of Apheresis in Dogs: For Application in Metastatic Cancer Research. <i>Animals</i> , 2021, 11, 2770.	1.0	1
9	Anti-cancer activity of amorphous curcumin preparation in patient-derived colorectal cancer organoids. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112043.	2.5	29
10	Establishment of Intestinal Organoid from <i>Rousettus leschenaultii</i> and the Susceptibility to Bat-Associated Viruses, SARS-CoV-2 and Pteropine Orthoreovirus. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10763.	1.8	14
11	Chemerin-9 stimulates migration in rat cardiac fibroblasts in vitro. <i>European Journal of Pharmacology</i> , 2021, 912, 174566.	1.7	6
12	Chemokine-like Receptor 1 in Brain of Spontaneously Hypertensive Rats Mediates Systemic Hypertension. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11812.	1.8	6
13	Eukaryotic elongation factor 2 kinase inhibitor, A484954 induces diuretic effect via renal vasorelaxation in spontaneously hypertensive rats. <i>European Journal of Pharmacology</i> , 2021, 913, 174637.	1.7	5
14	Small extracellular vesicles from rat plasma promote migration and proliferation of vascular smooth muscle cells. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 299-306.	0.3	10
15	Canstatin suppresses isoproterenol-induced cardiac hypertrophy through inhibition of calcineurin/nuclear factor of activated T-cells pathway in rats. <i>European Journal of Pharmacology</i> , 2020, 871, 172849.	1.7	15
16	Eukaryotic elongation factor 2 kinase inhibitor, A484954 lowered blood pressure in spontaneously hypertensive rats via inducing vasorelaxation. <i>Journal of Pharmacological Sciences</i> , 2020, 144, 165-171.	1.1	5
17	Long-term administration of recombinant canstatin prevents adverse cardiac remodeling after myocardial infarction. <i>Scientific Reports</i> , 2020, 10, 12881.	1.6	6
18	Decreased Expression of Canstatin in Rat Model of Monocrotaline-Induced Pulmonary Arterial Hypertension: Protective Effect of Canstatin on Right Ventricular Remodeling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6797.	1.8	4

#	ARTICLE	IF	CITATIONS
19	Plasma small extracellular vesicles in hypertensive rats impair reactivity of isolated blood vessels. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 897-902.	0.3	2
20	Acute intracerebroventricular injection of chemerin-9 increases systemic blood pressure through activating sympathetic nerves via CMKLR1 in brain. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 673-681.	1.3	9
21	Establishment of 2.5D organoid culture model using 3D bladder cancer organoid culture. <i>Scientific Reports</i> , 2020, 10, 9393.	1.6	32
22	Development of Prostate Cancer Organoid Culture Models in Basic Medicine and Translational Research. <i>Cancers</i> , 2020, 12, 777.	1.7	37
23	Chemerin-9-induced contraction was enhanced through the upregulation of smooth muscle chemokine-like receptor 1 in isolated pulmonary artery of pulmonary arterial hypertensive rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2020, 472, 335-342.	1.3	16
24	Emerging Roles of Cancer Stem Cells in Bladder Cancer Progression, Tumorigenesis, and Resistance to Chemotherapy: A Potential Therapeutic Target for Bladder Cancer. <i>Cells</i> , 2020, 9, 235.	1.8	49
25	Efficacy of primary liver organoid culture from different stages of non-alcoholic steatohepatitis (NASH) mouse model. <i>Biomaterials</i> , 2020, 237, 119823.	5.7	50
26	Thrombospondin-4 induces prolongation of action potential duration in rat isolated ventricular myocytes. <i>Journal of Veterinary Medical Science</i> , 2020, 82, 707-712.	0.3	3
27	Establishment of a novel experimental model for muscle-invasive bladder cancer using a dog bladder cancer organoid culture. <i>Cancer Science</i> , 2019, 110, 2806-2821.	1.7	75
28	Eukaryotic elongation factor 2 kinase inhibitor, A484954 potentiates $\beta_2$ -adrenergic receptor agonist-induced acute decrease in diastolic blood pressure in rats. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 1509-1514.	0.3	5
29	Optimal Isolation Method of Small Extracellular Vesicles from Rat Plasma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4780.	1.8	10
30	Emerging Roles of C-Myc in Cancer Stem Cell-Related Signaling and Resistance to Cancer Chemotherapy: A Potential Therapeutic Target Against Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2340.	1.8	165
31	Eukaryotic elongation factor 2 kinase inhibitor, A484954 inhibits noradrenaline-induced acute increase of blood pressure in rats. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 35-41.	0.3	7
32	Protective effect of T3 peptide, an active fragment of tumstatin, against ischemia/reperfusion injury in rat heart. <i>Journal of Pharmacological Sciences</i> , 2019, 139, 193-200.	1.1	10
33	Cathepsin S degrades arresten and canstatin in infarcted area after myocardial infarction in rats. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 522-531.	0.3	17
34	Eukaryotic elongation factor 2 (eEF2) kinase/eEF2 plays protective roles against glucose deprivation-induced cell death in H9c2 cardiomyoblasts. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 359-368.	2.2	8
35	Periostin Mediates Right Ventricular Failure through Induction of Inducible Nitric Oxide Synthase Expression in Right Ventricular Fibroblasts from Monocrotaline-Induced Pulmonary Arterial Hypertensive Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 62.	1.8	12
36	A current perspective of canstatin, a fragment of type IV collagen alpha 2 chain. <i>Journal of Pharmacological Sciences</i> , 2019, 139, 59-64.	1.1	36

#	ARTICLE	IF	CITATIONS
37	Preparation of Human Primary Colon Tissue-Derived Organoid Using Air Liquid Interface Culture. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ]</i> , 2018, 75, 22.6.1-22.6.7.	1.1	19
38	Canstatin modulates L-type calcium channel activity in rat ventricular cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 954-959.	1.0	18
39	A Novel Regulatory Mechanism for Differentiation of Mesenchymal Stem Cell: Redox State of DJ-1 Matters. <i>Proteomics</i> , 2018, 18, 1700345.	1.3	0
40	Novel Functions of Death-Associated Protein Kinases through Mitogen-Activated Protein Kinase-Related Signals. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3031.	1.8	34
41	Mechanisms underlying the relaxation by A484954, a eukaryotic elongation factor 2 kinase inhibitor, in rat isolated mesenteric artery. <i>Journal of Pharmacological Sciences</i> , 2018, 137, 86-92.	1.1	12
42	Characterization of fibroblasts from hypertrophied right ventricle of pulmonary hypertensive rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2018, 470, 1405-1417.	1.3	8
43	Plasma exosomes regulate systemic blood pressure in rats. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 776-783.	1.0	36
44	Development of an Experimental Model for Analyzing Drug Resistance in Colorectal Cancer. <i>Cancers</i> , 2018, 10, 164.	1.7	26
45	Endostatin Stimulates Proliferation and Migration of Myofibroblasts Isolated from Myocardial Infarction Model Rats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 741.	1.8	21
46	Hedgehog Signals Mediate Anti-Cancer Drug Resistance in Three-Dimensional Primary Colorectal Cancer Organoid Culture. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1098.	1.8	72
47	Analysis of expression profile of brain-derived neurotrophic factor and its receptors in central nervous system in spontaneously hypertensive rats. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, ORI-1.	0.0	0
48	The effects of acute intracerebroventricular injection of chemerin-9 on systemic blood pressure in rats. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, ORI-2.	0.0	0
49	Regulatory mechanisms for expression of matricryptins after myocardial infarction in rats. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-2-75.	0.0	0
50	Chemerin-9-induced contraction of isolated pulmonary artery is enhanced in monocrotaline-induced pulmonary hypertensive rat. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO3-3-33.	0.0	0
51	T3 peptide, a fragment of tumstatin, prevents the ischemia-reperfusion injury in cardiomyocytes. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-2-65.	0.0	0
52	Effects of canstatin on L-type Ca <sup>2+</sup> channel activity in rat ventricular cardiomyocytes. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-2-9.	0.0	0
53	Death-associated protein kinase 3 controls the tumor progression of A549 cells through ERK MAPK/c-Myc signaling. <i>Oncology Reports</i> , 2017, 37, 1100-1106.	1.2	28
54	Vasculo-protective effect of BMS-309403 is independent of its specific inhibition of fatty acid-binding protein 4. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 1177-1188.	1.3	9

#	ARTICLE	IF	CITATIONS
55	Pathophysiological roles of canstatin on myofibroblasts after myocardial infarction in rats. <i>European Journal of Pharmacology</i> , 2017, 807, 32-43.	1.7	19
56	T3 peptide, an active fragment of tumstatin, inhibits H <sub>2</sub> O <sub>2</sub> -induced apoptosis in H9c2 cardiomyoblasts. <i>European Journal of Pharmacology</i> , 2017, 807, 64-70.	1.7	18
57	Canstatin stimulates migration of rat cardiac fibroblasts via secretion of matrix metalloproteinase-2. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 312, C199-C208.	2.1	20
58	T3 peptide, a fragment of tumstatin, stimulates proliferation and migration of cardiac fibroblasts through activation of Akt signaling pathway. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 1135-1144.	1.4	21
59	Visceral adipose tissue-derived serine protease inhibitor prevents the development of monocrotaline-induced pulmonary arterial hypertension in rats. <i>Pflugers Archiv European Journal of Physiology</i> , 2017, 469, 1425-1432.	1.3	14
60	Establishment of a dog primary prostate cancer organoid using the urine cancer stem cells. <i>Cancer Science</i> , 2017, 108, 2383-2392.	1.7	43
61	Establishment of a novel three-dimensional primary culture model for hippocampal neurogenesis. <i>Physiological Reports</i> , 2017, 5, e13318.	0.7	6
62	New Insights into the Role of Basement Membrane-Derived Matricryptins in the Heart. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 2050-2060.	0.6	12
63	Diverse distribution of tyrosine receptor kinase B isoforms in rat multiple tissues. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1516-1523.	0.3	14
64	Expression profile of matricellular proteins in hypertrophied right ventricle of monocrotaline-induced pulmonary hypertensive rats. <i>Journal of Veterinary Medical Science</i> , 2017, 79, 1096-1102.	0.3	17
65	Canstatin inhibits hypoxia-induced apoptosis through activation of integrin/focal adhesion kinase/Akt signaling pathway in H9c2 cardiomyoblasts. <i>PLoS ONE</i> , 2017, 12, e0173051.	1.1	43
66	Establishment of a Novel Model for Anticancer Drug Resistance in Three-Dimensional Primary Culture of Tumor Microenvironment. <i>Stem Cells International</i> , 2016, 2016, 1-10.	1.2	40
67	Endostatin is protective against monocrotaline-induced right heart disease through the inhibition of T-type Ca <sup>2+</sup> channel. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 1259-1270.	1.3	16
68	Coordination of changes in expression and phosphorylation of eukaryotic elongation factor 2 (eEF2) and eEF2 kinase in hypertrophied cardiomyocytes. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 218-224.	0.7	10
69	Canstatin inhibits isoproterenol-induced apoptosis through preserving mitochondrial morphology in differentiated H9c2 cardiomyoblasts. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 887-895.	2.2	25
70	Expression and localization of calmodulin-related proteins in brain, heart and kidney from spontaneously hypertensive rats. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 654-658.	1.0	5
71	Eukaryotic elongation factor 2 kinase mediates monocrotaline-induced pulmonary arterial hypertension via reactive oxygen species-dependent vascular remodeling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1298-H1305.	1.5	35
72	Endostatin stimulates proliferation and migration of adult rat cardiac fibroblasts through PI3K/Akt pathway. <i>European Journal of Pharmacology</i> , 2015, 750, 20-26.	1.7	38

#	ARTICLE	IF	CITATIONS
73	Adipocytokine, omentin inhibits doxorubicin-induced H9c2 cardiomyoblasts apoptosis through the inhibition of mitochondrial reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 602-607.	1.0	38
74	Expression pattern and function of tyrosine receptor kinase B isoforms in rat mesenteric arterial smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 683-689.	1.0	9
75	Chemerin promotes the proliferation and migration of vascular smooth muscle and increases mouse blood pressure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1017-H1028.	1.5	64
76	Levosimendan inhibits interleukin-1 $\beta$ -induced apoptosis through activation of Akt and inhibition of inducible nitric oxide synthase in rat cardiac fibroblasts. <i>European Journal of Pharmacology</i> , 2015, 769, 86-92.	1.7	20
77	Death-associated protein kinase 3 mediates vascular structural remodelling via stimulating smooth muscle cell proliferation and migration. <i>Clinical Science</i> , 2014, 127, 539-548.	1.8	18
78	A novel adipocytokine, omentin, inhibits platelet-derived growth factor-BB-induced vascular smooth muscle cell migration through antioxidative mechanism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1714-H1719.	1.5	41
79	A novel adipocytokine, omentin, inhibits monocrotaline-induced pulmonary arterial hypertension in rats. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 142-146.	1.0	35
80	Brain-derived neurotrophic factor promotes angiogenesis via oxidative stress in human vascular endothelial cells: Implication for atherogenesis?. <i>Microvascular Reviews and Communications</i> , 2014, 7, 32a-32a.	0.0	0
81	Death-Associated Protein Kinase 3 Mediates Vascular Inflammation and Development of Hypertension in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2012, 60, 1031-1039.	1.3	60
82	A novel adipocytokine, nesfatin-1 modulates peripheral arterial contractility and blood pressure in rats. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 676-681.	1.0	67
83	A novel adipocytokine, chemerin exerts anti-inflammatory roles in human vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 152-157.	1.0	71
84	Omentin, a novel adipocytokine inhibits TNF-induced vascular inflammation in human endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 339-343.	1.0	252
85	Vascular Effects of Novel Adipocytokines: Focus on Vascular Contractility and Inflammatory Responses. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 307-310.	0.6	117
86	Omentin, a novel adipokine, induces vasodilation in rat isolated blood vessels. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 668-672.	1.0	220
87	Visfatin causes endothelium-dependent relaxation in isolated blood vessels. <i>Biochemical and Biophysical Research Communications</i> , 2009, 383, 503-508.	1.0	74
88	Glyoxal causes inflammatory injury in human vascular endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2008, 369, 1155-1159.	1.0	22
89	Methylglyoxal mediates vascular inflammation via JNK and p38 in human endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C1510-C1517.	2.1	86