Hisashi Sawada

List of Publications by Year
in descending order

62	1,088	471509 17	454955 30
papers	citations	h-index	g-index

73	73	73	1793
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Twenty Years of Studying AngII (Angiotensin II)-Induced Abdominal Aortic Pathologies in Mice: Continuing Questions and Challenges to Provide Insight Into the Human Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 277-288.	2.4	23
2	Î²-Aminopropionitrile-induced aortic aneurysm and dissection in mice. JVS Vascular Science, 2022, 3, 64-72.	1.1	11
3	Second Heart Fieldâ€“Derived Cells Contribute to Angiotensin IIâ€“Mediated Ascending Aortopathies. Circulation, 2022, 145, 987-1001.	1.6	18
4	OUP accepted manuscript. Cardiovascular Research, 2022, 118, 1383-1384.	3.8	0
5	Imaging Techniques for Aortic Aneurysms and Dissections in Mice: Comparisons of Ex Vivo, In Situ, and Ultrasound Approaches. Biomolecules, 2022, 12, 339.	4.0	6
6	Iron Deficiency Induces Heart Failure With Ectopic Cardiac Calcification in Mice With Metabolic Syndrome. Circulation: Heart Failure, 2022, 15, 101161CIRCHEARTFAILURE121009034.	3.9	0
7	Fludrocortisone Induces Aortic Pathologies in Mice. Biomolecules, 2022, 12, 825.	4.0	3
8	Expression of a PCSK9 Gain-of-Function Mutation in C57BL/6J Mice to Facilitate Angiotensin II-Induced AAAs. Biomolecules, 2022, 12, 915.	4.0	3
9	A mini-review on quantification of atherosclerosis in hypercholesterolemic mice. , 2022, 1, 1-6.		6
10	Exome-wide evaluation of rare coding variants using electronic health records identifies new geneâ€“phenotype associations. Nature Medicine, 2021, 27, 66-72.	30.7	44
11	Single-cell transcriptomics as a building block for determining mechanistic insight of abdominal aortic aneurysm formation. Cardiovascular Research, 2021, 117, 1243-1244.	3.8	2
12	Ultrasound Monitoring of Thymus Involution in Septic Mice. Ultrasound in Medicine and Biology, 2021, 47, 769-776.	1.5	1
13	Effects of Endogenous Angiotensin II on Abdominal Aortic Aneurysms and Atherosclerosis in Angiotensin IIâ€“Infused Mice. Journal of the American Heart Association, 2021, 10, e020467.	3.7	3
14	Authentication of In Situ Measurements for Thoracic Aortic Aneurysms in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2117-2119.	2.4	7
15	Renal Angiotensinogen Is Predominantly Liver Derived in Nonhuman Primates. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2851-2853.	2.4	10
16	From unbiased transcriptomics to understanding the molecular basis of atherosclerosis. Current Opinion in Lipidology, 2021, 32, 328-329.	2.7	1
17	Deletion of AT1a (Angiotensin II Type 1a) Receptor or Inhibition of Angiotensinogen Synthesis Attenuates Thoracic Aortopathies in Fibrillin1 ^{C1041G/+} Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2538-2550.	2.4	15
18	Megalin: A bridge connecting kidney, the renin-angiotensin system, and atherosclerosis. Pharmacological Research, 2020, 151, 104537.	7.1	12

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19	Effects of Heterozygous TfR1 (Transferrin Receptor 1) Deletion in Pathogenesis of Renal Fibrosis in Mice. Hypertension, 2020, 75, 413-421.	2.7	19
20	High Salt and IL (Interleukin)-17 in Aortic Dissection. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 17-19.	2.4	3
21	Ultrasound Monitoring of Descending Aortic Aneurysms and Dissections in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2557-2559.	2.4	6
22	Angiotensin I Infusion Reveals Differential Effects of Angiotensin-Converting Enzyme in Aortic Resident Cells on Aneurysm Formation. Circulation Journal, 2020, 84, 825-829.	1.6	3
23	Hypercholesterolemia Accelerates Both the Initiation and Progression of Angiotensin II-induced Abdominal Aortic Aneurysms. Annals of Vascular Medicine and Research, 2020, 6, .	0.8	6
24	Aortic Strain Correlates With Elastin Fragmentation in Fibrillin-1 Hypomorphic Mice. Circulation Reports, 2019, 1, 199-205.	1.0	24
25	Haploinsufficiency of Transferrin Receptor 1 Impairs Angiogenesis with Reduced Mitochondrial Complex I in Mice with Limb Ischemia. Scientific Reports, 2019, 9, 13658.	3.3	7
26	Ultrasound Imaging of the Thoracic and Abdominal Aorta in Mice to Determine Aneurysm Dimensions. Journal of Visualized Experiments, 2019, , .	0.3	26
27	Influence of dietary iron intake restriction on the development of hypertension in weanling prehypertensive rats. Heart and Vessels, 2018, 33, 820-825.	1.2	5
28	Renin-Angiotensin System and Cardiovascular Functions. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, e108-e116.	2.4	104
29	Drebrin: a new player in angiotensin II-induced aortopathies. Cardiovascular Research, 2018, 114, 1699-1701.	3.8	0
30	Heterogeneity of aortic smooth muscle cells: A determinant for regional characteristics of thoracic aortic aneurysms?. Journal of Translational Internal Medicine, 2018, 6, 93-96.	2.5	17
31	Abstract 133: Heterozygous Deletion of Transferrin Receptor 1 Suppresses Angiogenesis in a Mouse Model of Hind Limb Ischemia. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	2.4	0
32	Smooth Muscle Cells Derived From Second Heart Field and Cardiac Neural Crest Reside in Spatially Distinct Domains in the Media of the Ascending Aortaâ€”Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1722-1726.	2.4	128
33	Altered expression of intestinal duodenal cytochrome b and divalent metal transporter 1 might be associated with cardio-renal anemia syndrome. Heart and Vessels, 2017, 32, 1410-1414.	1.2	3
34	Iron-restricted pair-feeding affects renal damage in rats with chronic kidney disease. PLoS ONE, 2017, 12, e0172157.	2.5	3
35	Attenuation of hypertension and renal damage in renovascular hypertensive rats by iron restriction. Hypertension Research, 2016, 39, 832-839.	2.7	15
36	Iron is associated with the development of hypoxia-induced pulmonary vascular remodeling in mice. Heart and Vessels, 2016, 31, 2074-2079.	1.2	7

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37	Ex vivo comparison of angioscopy and histopathology for the evaluation of coronary plaque characteristics. International Journal of Cardiovascular Imaging, 2016, 32, 863-869.	1.5	10
38	Association of dietary iron restriction with left ventricular remodeling after myocardial infarction in mice. Heart and Vessels, 2016, 31, 222-229.	1.2	10
39	Experience of dietary iron intake restriction in patients with essential hypertension. International Journal of Cardiology, 2016, 206, 154-156.	1.7	1
40	Interleukin-18 disruption suppresses hypoxia-induced pulmonary artery hypertension in mice. International Journal of Cardiology, 2016, 202, 522-524.	1.7	15
41	Transferrin Receptor 1 in Chronic Hypoxia-Induced Pulmonary Vascular Remodeling. American Journal of Hypertension, 2016, 29, 713-718.	2.0	17
42	Temporary Dietary Iron Restriction Affects the Process of Thrombus Resolution in a Rat Model of Deep Vein Thrombosis. PLoS ONE, 2015, 10, e0126611.	2.5	4
43	Worsening of proteinuria caused by combination therapy of hypertonic saline and low-dose furosemide for treatment of acute decompensated heart failure with overt diabetic nephropathy. Journal of Cardiology Cases, 2015, 12, 188-191.	0.5	1
44	Association between renal iron accumulation and renal interstitial fibrosis in a rat model of chronic kidney disease. Hypertension Research, 2015, 38, 463-470.	2.7	39
45	Increment of pentraxin3 expression in abdominal aortic aneurysm. International Journal of Cardiology, 2015, 195, 281-282.	1.7	4
46	Iron restriction inhibits renal injury in aldosterone/salt-induced hypertensive mice. Hypertension Research, 2015, 38, 317-322.	2.7	14
47	Aortic Iron Overload With Oxidative Stress and Inflammation in Human and Murine Abdominal Aortic Aneurysm. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1507-1514.	2.4	69
48	Accuracy of OCT, Grayscale IVUS, and Their Combination for the Diagnosis of Coronary TCFA. JACC: Cardiovascular Imaging, 2015, 8, 451-460.	5.3	118
49	Response to Letter Regarding Article, â€œThermodilution-Derived Coronary Blood Flow Pattern Immediately After Coronary Intervention as a Predictor of Microcirculatory Damage and Midterm Clinical Outcomes in Patients With ST-Segmentâ€“Elevation Myocardial Infarctionâ€• Circulation: Cardiovascular Interventions, 2014, 7, 418-418.	3.9	0
50	Thermodilution-Derived Coronary Blood Flow Pattern Immediately After Coronary Intervention as a Predictor of Microcirculatory Damage and Midterm Clinical Outcomes in Patients With ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Interventions, 2014, 7, 149-155.	3.9	29
51	Hepcidin is increased in the hypertrophied heart of Dahl salt-sensitive rats. International Journal of Cardiology, 2014, 172, e45-e47.	1.7	13
52	Intravenous Salt Supplementation With Low-Dose Furosemide for Treatment of Acute Decompensated Heart Failure. Journal of Cardiac Failure, 2014, 20, 295-301.	1.7	31
53	Abstract 12816: Cellular Iron Transport Protein, Transferrin Receptor 1 Plays a Role in the Pathophysiology of Pulmonary Arterial Hypertension. Circulation, 2014, 130, .	1.6	0
54	Abstract 14771: Iron Plays a Role in the Thrombus Formation of a Rat Model of Deep Vein Thrombosis. Circulation, 2014, 130, .	1.6	0

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55	Nuclear factor-ÎºB-hypoxia-inducible factor-2 pathway in aortic valve stenosis. Journal of Heart Valve Disease, 2014, 23, 558-66.	0.5	9
56	Impact of dietary iron restriction on the development of monocrotaline-induced pulmonary vascular remodeling and right ventricular failure in rats. Biochemical and Biophysical Research Communications, 2013, 436, 145-151.	2.1	17
57	Expression of interleukin-33 and ST2 in nonrheumatic aortic valve stenosis. International Journal of Cardiology, 2013, 168, 529-531.	1.7	17
58	Dietary iron restriction prevents further deterioration of renal damage in a chronic kidney disease rat model. Journal of Hypertension, 2013, 31, 1203-1213.	0.5	23
59	Increased Renal Iron Accumulation in Hypertensive Nephropathy of Salt-Loaded Hypertensive Rats. PLoS ONE, 2013, 8, e75906.	2.5	20
60	Involvement of bone morphogenetic protein-binding endothelial regulator in aortic valve stenosis. International Journal of Cardiology, 2011, 152, 107-109.	1.7	0
61	The Impact of Pravastatin Pre-Treatment on Periprocedural Microcirculatory Damage in Patients Undergoing Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2011, 4, 513-520.	2.9	42
62	Dietary Iron Restriction Prevents Hypertensive Cardiovascular Remodeling in Dahl Salt-Sensitive Rats. Hypertension, 2011, 57, 497-504.	2.7	43