

# Hisashi Sawada

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7189566/publications.pdf>

Version: 2024-02-01

62  
papers

1,088  
citations

471509

17  
h-index

454955

30  
g-index

73  
all docs

73  
docs citations

73  
times ranked

1793  
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1722-1726.	2.4	128
2	Accuracy of OCT, Grayscale IVUS, and Their Combination for the Diagnosis of Coronary TCFA. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 451-460.	5.3	118
3	Renin-Angiotensin System and Cardiovascular Functions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, e108-e116.	2.4	104
4	Aortic Iron Overload With Oxidative Stress and Inflammation in Human and Murine Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1507-1514.	2.4	69
5	Exome-wide evaluation of rare coding variants using electronic health records identifies new geneâ€”phenotype associations. <i>Nature Medicine</i> , 2021, 27, 66-72.	30.7	44
6	Dietary Iron Restriction Prevents Hypertensive Cardiovascular Remodeling in Dahl Salt-Sensitive Rats. <i>Hypertension</i> , 2011, 57, 497-504.	2.7	43
7	The Impact of Pravastatin Pre-Treatment on Periprocedural Microcirculatory Damage in Patients Undergoing Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2011, 4, 513-520.	2.9	42
8	Association between renal iron accumulation and renal interstitial fibrosis in a rat model of chronic kidney disease. <i>Hypertension Research</i> , 2015, 38, 463-470.	2.7	39
9	Intravenous Salt Supplementation With Low-Dose Furosemide for Treatment of Acute Decompensated Heart Failure. <i>Journal of Cardiac Failure</i> , 2014, 20, 295-301.	1.7	31
10	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. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 149-155.	3.9	29
11	Ultrasound Imaging of the Thoracic and Abdominal Aorta in Mice to Determine Aneurysm Dimensions. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	26
12	Aortic Strain Correlates With Elastin Fragmentation in Fibrillin-1 Hypomorphic Mice. <i>Circulation Reports</i> , 2019, 1, 199-205.	1.0	24
13	Dietary iron restriction prevents further deterioration of renal damage in a chronic kidney disease rat model. <i>Journal of Hypertension</i> , 2013, 31, 1203-1213.	0.5	23
14	Twenty Years of Studying AngII (Angiotensin II)-Induced Abdominal Aortic Pathologies in Mice: Continuing Questions and Challenges to Provide Insight Into the Human Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 277-288.	2.4	23
15	Increased Renal Iron Accumulation in Hypertensive Nephropathy of Salt-Loaded Hypertensive Rats. <i>PLoS ONE</i> , 2013, 8, e75906.	2.5	20
16	Effects of Heterozygous TfR1 (Transferrin Receptor 1) Deletion in Pathogenesis of Renal Fibrosis in Mice. <i>Hypertension</i> , 2020, 75, 413-421.	2.7	19
17	Second Heart Fieldâ€”Derived Cells Contribute to Angiotensin IIâ€”Mediated Ascending Aortopathies. <i>Circulation</i> , 2022, 145, 987-1001.	1.6	18
18	Impact of dietary iron restriction on the development of monocrotaline-induced pulmonary vascular remodeling and right ventricular failure in rats. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 145-151.	2.1	17

#	ARTICLE	IF	CITATIONS
19	Expression of interleukin-33 and ST2 in nonrheumatic aortic valve stenosis. <i>International Journal of Cardiology</i> , 2013, 168, 529-531.	1.7	17
20	Transferrin Receptor 1 in Chronic Hypoxia-Induced Pulmonary Vascular Remodeling. <i>American Journal of Hypertension</i> , 2016, 29, 713-718.	2.0	17
21	Heterogeneity of aortic smooth muscle cells: A determinant for regional characteristics of thoracic aortic aneurysms?. <i>Journal of Translational Internal Medicine</i> , 2018, 6, 93-96.	2.5	17
22	Attenuation of hypertension and renal damage in renovascular hypertensive rats by iron restriction. <i>Hypertension Research</i> , 2016, 39, 832-839.	2.7	15
23	Interleukin-18 disruption suppresses hypoxia-induced pulmonary artery hypertension in mice. <i>International Journal of Cardiology</i> , 2016, 202, 522-524.	1.7	15
24	Deletion of AT1a (Angiotensin II Type 1a) Receptor or Inhibition of Angiotensinogen Synthesis Attenuates Thoracic Aortopathies in Fibrillin1 <sup>C1041G/+</sup> Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2538-2550.	2.4	15
25	Iron restriction inhibits renal injury in aldosterone/salt-induced hypertensive mice. <i>Hypertension Research</i> , 2015, 38, 317-322.	2.7	14
26	Hepcidin is increased in the hypertrophied heart of Dahl salt-sensitive rats. <i>International Journal of Cardiology</i> , 2014, 172, e45-e47.	1.7	13
27	Megalin: A bridge connecting kidney, the renin-angiotensin system, and atherosclerosis. <i>Pharmacological Research</i> , 2020, 151, 104537.	7.1	12
28	Î²-Aminopropionitrile-induced aortic aneurysm and dissection in mice. <i>JVS Vascular Science</i> , 2022, 3, 64-72.	1.1	11
29	Ex vivo comparison of angioscopy and histopathology for the evaluation of coronary plaque characteristics. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 863-869.	1.5	10
30	Association of dietary iron restriction with left ventricular remodeling after myocardial infarction in mice. <i>Heart and Vessels</i> , 2016, 31, 222-229.	1.2	10
31	Renal Angiotensinogen Is Predominantly Liver Derived in Nonhuman Primates. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2851-2853.	2.4	10
32	Nuclear factor-Î²-hypoxia-inducible factor-2 pathway in aortic valve stenosis. <i>Journal of Heart Valve Disease</i> , 2014, 23, 558-66.	0.5	9
33	Iron is associated with the development of hypoxia-induced pulmonary vascular remodeling in mice. <i>Heart and Vessels</i> , 2016, 31, 2074-2079.	1.2	7
34	Haploinsufficiency of Transferrin Receptor 1 Impairs Angiogenesis with Reduced Mitochondrial Complex I in Mice with Limb Ischemia. <i>Scientific Reports</i> , 2019, 9, 13658.	3.3	7
35	Authentication of In Situ Measurements for Thoracic Aortic Aneurysms in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2117-2119.	2.4	7
36	Ultrasound Monitoring of Descending Aortic Aneurysms and Dissections in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2557-2559.	2.4	6

#	ARTICLE	IF	CITATIONS
37	Hypercholesterolemia Accelerates Both the Initiation and Progression of Angiotensin II-induced Abdominal Aortic Aneurysms. <i>Annals of Vascular Medicine and Research</i> , 2020, 6, .	0.8	6
38	Imaging Techniques for Aortic Aneurysms and Dissections in Mice: Comparisons of Ex Vivo, In Situ, and Ultrasound Approaches. <i>Biomolecules</i> , 2022, 12, 339.	4.0	6
39	A mini-review on quantification of atherosclerosis in hypercholesterolemic mice. , 2022, 1, 1-6.		6
40	Influence of dietary iron intake restriction on the development of hypertension in weanling prehypertensive rats. <i>Heart and Vessels</i> , 2018, 33, 820-825.	1.2	5
41	Temporary Dietary Iron Restriction Affects the Process of Thrombus Resolution in a Rat Model of Deep Vein Thrombosis. <i>PLoS ONE</i> , 2015, 10, e0126611.	2.5	4
42	Increment of pentraxin3 expression in abdominal aortic aneurysm. <i>International Journal of Cardiology</i> , 2015, 195, 281-282.	1.7	4
43	Altered expression of intestinal duodenal cytochrome b and divalent metal transporter 1 might be associated with cardio-renal anemia syndrome. <i>Heart and Vessels</i> , 2017, 32, 1410-1414.	1.2	3
44	Iron-restricted pair-feeding affects renal damage in rats with chronic kidney disease. <i>PLoS ONE</i> , 2017, 12, e0172157.	2.5	3
45	High Salt and IL (Interleukin)-17 in Aortic Dissection. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 17-19.	2.4	3
46	Angiotensin I Infusion Reveals Differential Effects of Angiotensin-Converting Enzyme in Aortic Resident Cells on Aneurysm Formation. <i>Circulation Journal</i> , 2020, 84, 825-829.	1.6	3
47	Effects of Endogenous Angiotensin II on Abdominal Aortic Aneurysms and Atherosclerosis in Angiotensin II-Infused Mice. <i>Journal of the American Heart Association</i> , 2021, 10, e020467.	3.7	3
48	Fludrocortisone Induces Aortic Pathologies in Mice. <i>Biomolecules</i> , 2022, 12, 825.	4.0	3
49	Expression of a PCSK9 Gain-of-Function Mutation in C57BL/6J Mice to Facilitate Angiotensin II-Induced AAAs. <i>Biomolecules</i> , 2022, 12, 915.	4.0	3
50	Single-cell transcriptomics as a building block for determining mechanistic insight of abdominal aortic aneurysm formation. <i>Cardiovascular Research</i> , 2021, 117, 1243-1244.	3.8	2
51	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. <i>Journal of Cardiology Cases</i> , 2015, 12, 188-191.	0.5	1
52	Experience of dietary iron intake restriction in patients with essential hypertension. <i>International Journal of Cardiology</i> , 2016, 206, 154-156.	1.7	1
53	Ultrasound Monitoring of Thymus Involution in Septic Mice. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 769-776.	1.5	1
54	From unbiased transcriptomics to understanding the molecular basis of atherosclerosis. <i>Current Opinion in Lipidology</i> , 2021, 32, 328-329.	2.7	1

#	ARTICLE	IF	CITATIONS
55	Involvement of bone morphogenetic protein-binding endothelial regulator in aortic valve stenosis. <i>International Journal of Cardiology</i> , 2011, 152, 107-109.	1.7	0
56	Response to Letter Regarding Article, "Thermodilution-Derived Coronary Blood Flow Pattern Immediately After Coronary Intervention as a Predictor of Microcirculatory Damage and Midterm Clinical Outcomes in Patients With ST-Segment Elevation Myocardial Infarction." <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 418-418.	3.9	0
57	Drebrin: a new player in angiotensin II-induced aortopathies. <i>Cardiovascular Research</i> , 2018, 114, 1699-1701.	3.8	0
58	Abstract 12816: Cellular Iron Transport Protein, Transferrin Receptor 1 Plays a Role in the Pathophysiology of Pulmonary Arterial Hypertension. <i>Circulation</i> , 2014, 130, .	1.6	0
59	Abstract 14771: Iron Plays a Role in the Thrombus Formation of a Rat Model of Deep Vein Thrombosis. <i>Circulation</i> , 2014, 130, .	1.6	0
60	Abstract 133: Heterozygous Deletion of Transferrin Receptor 1 Suppresses Angiogenesis in a Mouse Model of Hind Limb Ischemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	2.4	0
61	OUP accepted manuscript. <i>Cardiovascular Research</i> , 2022, 118, 1383-1384.	3.8	0
62	Iron Deficiency Induces Heart Failure With Ectopic Cardiac Calcification in Mice With Metabolic Syndrome. <i>Circulation: Heart Failure</i> , 2022, 15, 101161CIRCHEARTFAILURE121009034.	3.9	0