

Atsushi Sakamoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5445599/publications.pdf>

Version: 2024-02-01

55
papers

1,942
citations

430442

18
h-index

264894

42
g-index

55
all docs

55
docs citations

55
times ranked

3347
citing authors

#	ARTICLE	IF	CITATIONS
1	Coronary Artery Calcification and Progression. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 127-142.	2.3	282
2	CD163+ macrophages promote angiogenesis and vascular permeability accompanied by inflammation in atherosclerosis. <i>Journal of Clinical Investigation</i> , 2018, 128, 1106-1124.	3.9	209
3	Microthrombi as a Major Cause of Cardiac Injury in COVID-19. <i>Circulation</i> , 2021, 143, 1031-1042.	1.6	196
4	Drug-eluting coronary stents: insights from preclinical and pathology studies. <i>Nature Reviews Cardiology</i> , 2020, 17, 37-51.	6.1	150
5	Fully bioresorbable vascular scaffolds: lessons learned and future directions. <i>Nature Reviews Cardiology</i> , 2019, 16, 286-304.	6.1	143
6	Diversity of macrophage phenotypes and responses in atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1919-1932.	2.4	118
7	New insights into the role of iron in inflammation and atherosclerosis. <i>EBioMedicine</i> , 2019, 47, 598-606.	2.7	96
8	Calcium deposition within coronary atherosclerotic lesion: Implications for plaque stability. <i>Atherosclerosis</i> , 2020, 306, 85-95.	0.4	94
9	Roles of mitochondrial fragmentation and reactive oxygen species in mitochondrial dysfunction and myocardial insulin resistance. <i>Experimental Cell Research</i> , 2014, 323, 314-325.	1.2	68
10	Understanding the Impact of Stent and Scaffold Material and Strut Design on Coronary Artery Thrombosis from the Basic and Clinical Points of View. <i>Bioengineering</i> , 2018, 5, 71.	1.6	66
11	Eruptive Calcified Nodules as a Potential Mechanism of Acute Coronary Thrombosis and Sudden Death. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1599-1611.	1.2	64
12	Histopathologic Characterization of Peripheral Arteries in Subjects With Abundant Risk Factors. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1501-1513.	2.3	53
13	Vascular responses to coronary calcification following implantation of newer-generation drug-eluting stents in humans: impact on healing. <i>European Heart Journal</i> , 2020, 41, 786-796.	1.0	41
14	Marine-Derived Omega-3 Polyunsaturated Fatty Acids and Heart Failure: Current Understanding for Basic to Clinical Relevance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4025.	1.8	39
15	Comparison of Biologic Effect and Particulate Embolization after Femoral Artery Treatment with Three Drug-Coated Balloons in Healthy Swine Model. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 103-109.	0.2	38
16	Direct Targeting of the mTOR (Mammalian Target of Rapamycin) Kinase Improves Endothelial Permeability in Drug-Eluting Stents—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2217-2224.	1.1	30
17	Thromboresistance and functional healing in the COBRA PzF stent versus competitor DES: implications for dual antiplatelet therapy. <i>EuroIntervention</i> , 2019, 15, e342-e353.	1.4	23
18	Eicosapentaenoic acid ameliorates palmitate-induced lipotoxicity via the AMP kinase/dynamin-related protein-1 signaling pathway in differentiated H9c2 myocytes. <i>Experimental Cell Research</i> , 2017, 351, 109-120.	1.2	21

#	ARTICLE	IF	CITATIONS
19	Coronary artery calcification. <i>Current Opinion in Cardiology</i> , 2018, 33, 645-652.	0.8	15
20	Healthy Strut Coverage After Coronary Stent Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008869.	1.4	14
21	What are the Pathological Concerns and Limitations of Current Drug-coated Balloon Technology?. <i>Heart International</i> , 2019, 13, 15.	0.4	12
22	Aberrant serum polyunsaturated fatty acids profile is relevant with acute coronary syndrome. <i>Heart and Vessels</i> , 2016, 31, 1209-1217.	0.5	11
23	A new category stent with novel polyphosphazene surface modification. <i>Future Cardiology</i> , 2018, 14, 225-235.	0.5	11
24	Pathologic intimal thickening: Are we any closer to understand early transitional plaques that lead to symptomatic disease?. <i>Atherosclerosis</i> , 2018, 274, 227-229.	0.4	9
25	Histopathologic and physiologic effect of overlapping vs single coronary stents: impact of stent evolution. <i>Expert Review of Medical Devices</i> , 2018, 15, 665-682.	1.4	9
26	Pathology and Multimodality Imaging of Acute and Chronic Femoral Stenting in Humans. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 418-427.	1.1	8
27	Comparison of Endothelial Barrier Functional Recovery After Implantation of a Novel Biodegradable-Polymer Sirolimus-Eluting Stent in Comparison to Durable- and Biodegradable-Polymer Everolimus-Eluting Stents. <i>Cardiovascular Revascularization Medicine</i> , 2021, 24, 1-10.	0.3	8
28	Risk prediction of in-stent restenosis among patients with coronary drug-eluting stents: current clinical approaches and challenges. <i>Expert Review of Cardiovascular Therapy</i> , 2021, 19, 801-816.	0.6	8
29	Accidental Entrapment of Electrical Mapping Catheter by Chiari's Network in Right Atrium during Catheter Ablation Procedure. <i>Case Reports in Cardiology</i> , 2016, 2016, 1-5.	0.1	7
30	Calcified Nodule as the Cause of Acute Coronary Syndrome: Connecting Bench Observations to the Bedside. <i>Cardiology</i> , 2018, 139, 101-104.	0.6	7
31	Micro-Computed Tomography Demonstration of Multiple Plaque Ruptures in a Single Individual Presenting With Sudden Cardiac Death. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e008331.	1.3	7
32	Co-Registration of Peripheral Atherosclerotic Plaques Assessed by Conventional CT Angiography, MicroCT and Histology in Patients with Chronic Limb Threatening Ischaemia. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021, 61, 146-154.	0.8	7
33	Comparison of acute thrombogenicity and albumin adsorption in three different durable polymer coronary drug-eluting stents. <i>EuroIntervention</i> , 2021, 17, 248-256.	1.4	7
34	Endothelial Recovery in Bare Metal Stents and Drug-Eluting Stents on a Single-Cell Level. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2277-2292.	1.1	7
35	COBRA Pz, a coronary stent in clinical and preclinical studies: setting the stage for new antithrombotic strategies?. <i>Future Cardiology</i> , 2022, 18, 207-217.	0.5	7
36	Catheter Ablation of Tachycardias After Undergoing a Surgical Atriotomy Using a Multipolar Electrode Catheter. <i>Circulation Journal</i> , 2005, 69, 837-843.	0.7	6

#	ARTICLE	IF	CITATIONS
37	Renal denervation with ultrasound therapy (paradise device) is an effective therapy for systemic hypertension. <i>Journal of Thoracic Disease</i> , 2018, 10, S3060-S3063.	0.6	6
38	Ironing-Out the Role of Hepcidin in Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 303-305.	1.1	6
39	Calcification in human vessels and valves: from pathological point of view. <i>AIMS Molecular Science</i> , 2020, 7, 183-210.	0.3	6
40	Histopathologic and physiologic effect of bifurcation stenting: current status and future prospects. <i>Expert Review of Medical Devices</i> , 2020, 17, 189-200.	1.4	5
41	Superior Vena Cava Syndrome Associated with the Metastasis of Gastric Adenocarcinoma to Cervical Lymph Nodes. <i>Digestive Diseases and Sciences</i> , 2007, 52, 3343-3345.	1.1	4
42	Peripartum cardiomyopathy with biventricular thrombus which led to massive cerebral embolism. <i>Journal of Cardiology Cases</i> , 2014, 9, 71-74.	0.2	4
43	Intravascular imaging and histological correlates of medial and intimal calcification in peripheral artery disease. <i>EuroIntervention</i> , 2021, 17, e688-e698.	1.4	4
44	Vulnerable Plaque in Patients with Acute Coronary Syndrome: Identification, Importance, and Management. <i>US Cardiology Review</i> , 0, 16, .	0.5	4
45	Evaluation and Management of the Vulnerable Plaque. <i>Current Cardiovascular Risk Reports</i> , 2019, 13, 1.	0.8	3
46	Acute thrombogenicity of fluoropolymer coated stents versus competitive drug-eluting stents under single antiplatelet therapy. <i>International Journal of Cardiology</i> , 2021, 338, 42-49.	0.8	3
47	Advances in mammalian target of rapamycin kinase inhibitors: application to devices used in the treatment of coronary artery disease. <i>Future Medicinal Chemistry</i> , 2020, 12, 1181-1195.	1.1	2
48	Vascular Permeability Assay in Human Coronary and Mouse Brachiocephalic Arteries. <i>Bio-protocol</i> , 2018, 8, .	0.2	2
49	Endless loop tachycardia below the upper tracking rate of a pacemaker: A case report. <i>Journal of Arrhythmia</i> , 2012, 28, 356-359.	0.5	1
50	Overcoming challenges in refining the current generation of coronary stents. <i>Expert Review of Cardiovascular Therapy</i> , 2021, 19, 1013-1028.	0.6	1
51	Types and pathology of vascular calcification. , 2019, , 1-25.		0
52	Ventricular Tachycardia on Previous Myocardial Infarction: Effective by Nifekalant, Bepridil and Two Sessions of Catheter Ablation. <i>Journal of Arrhythmia</i> , 2011, 27, PJ3_062.	0.5	0
53	Left Ventricular Improvement after Cardiac Resynchronization Therapy among Ischemic, Non-Ischemic and Right Ventricular Pacing-Induced Cardiomyopathy. <i>Journal of Arrhythmia</i> , 2011, 27, OP14_1.	0.5	0
54	A Case of Ventricular Tachycardia with Dilated Cardiomyopathy Controlled by D-Sotalol and Catheter Ablation. <i>Journal of Arrhythmia</i> , 2011, 27, PJ2_080.	0.5	0

#	ARTICLE	IF	CITATIONS
55	Basic Pathology of Arterial and Valvular Calcification in Humans. Contemporary Cardiology, 2020, , 13-45.	0.0	0