

Atsushi Sakamoto

List of Publications by Year in descending order

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55
papers

1,942
citations

430442

18
h-index

264894

42
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55
all docs

55
docs citations

55
times ranked

3347
citing authors

#	ARTICLE	IF	CITATIONS
1	COBRA PzFâ,,ç 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
2	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
3	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
4	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
5	Microthrombi as a Major Cause of Cardiac Injury in COVID-19. <i>Circulation</i> , 2021, 143, 1031-1042.	1.6	196
6	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
7	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
8	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
9	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
10	Intravascular imaging and histological correlates of medial and intimal calcification in peripheral artery disease. <i>EuroIntervention</i> , 2021, 17, e688-e698.	1.4	4
11	Overcoming challenges in refining the current generation of coronary stents. <i>Expert Review of Cardiovascular Therapy</i> , 2021, 19, 1013-1028.	0.6	1
12	Drug-eluting coronary stents: insights from preclinical and pathology studies. <i>Nature Reviews Cardiology</i> , 2020, 17, 37-51.	6.1	150
13	Diversity of macrophage phenotypes and responses in atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1919-1932.	2.4	118
14	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
15	Calcium deposition within coronary atherosclerotic lesion: Implications for plaque stability. <i>Atherosclerosis</i> , 2020, 306, 85-95.	0.4	94
16	Healthy Strut Coverage After Coronary Stent Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008869.	1.4	14
17	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
18	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

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19	Pathology and Multimodality Imaging of Acute and Chronic Femoral Stenting in Humans. JACC: Cardiovascular Interventions, 2020, 13, 418-427.	1.1	8
20	Calcification in human vessels and valves: from pathological point of view. AIMS Molecular Science, 2020, 7, 183-210.	0.3	6
21	Basic Pathology of Arterial and Valvular Calcification in Humans. Contemporary Cardiology, 2020, , 13-45.	0.0	0
22	New insights into the role of iron in inflammation and atherosclerosis. EBioMedicine, 2019, 47, 598-606.	2.7	96
23	Types and pathology of vascular calcification. , 2019, , 1-25.		0
24	Marine-Derived Omega-3 Polyunsaturated Fatty Acids and Heart Failure: Current Understanding for Basic to Clinical Relevance. International Journal of Molecular Sciences, 2019, 20, 4025.	1.8	39
25	Evaluation and Management of the Vulnerable Plaque. Current Cardiovascular Risk Reports, 2019, 13, 1.	0.8	3
26	Ironing-Out the Role of Hepcidin in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 303-305.	1.1	6
27	Comparison of Biologic Effect and Particulate Embolization after Femoral Artery Treatment with Three Drug-Coated Balloons in Healthy Swine Model. Journal of Vascular and Interventional Radiology, 2019, 30, 103-109.	0.2	38
28	Histopathologic Characterization of Peripheral Arteries in Subjects With Abundant Risk Factors. JACC: Cardiovascular Imaging, 2019, 12, 1501-1513.	2.3	53
29	Fully bioresorbable vascular scaffolds: lessons learned and future directions. Nature Reviews Cardiology, 2019, 16, 286-304.	6.1	143
30	What are the Pathological Concerns and Limitations of Current Drug-coated Balloon Technology?. Heart International, 2019, 13, 15.	0.4	12
31	Thromboresistance and functional healing in the COBRA PzF stent versus competitor DES: implications for dual antiplatelet therapy. EuroIntervention, 2019, 15, e342-e353.	1.4	23
32	Calcified Nodule as the Cause of Acute Coronary Syndrome: Connecting Bench Observations to the Bedside. Cardiology, 2018, 139, 101-104.	0.6	7
33	Coronary Artery Calcification and Its Progression. JACC: Cardiovascular Imaging, 2018, 11, 127-142.	2.3	282
34	A new category stent with novel polyphosphazene surface modification. Future Cardiology, 2018, 14, 225-235.	0.5	11
35	Renal denervation with ultrasound therapy (paradise device) is an effective therapy for systemic hypertension. Journal of Thoracic Disease, 2018, 10, S3060-S3063.	0.6	6
36	Coronary artery calcification. Current Opinion in Cardiology, 2018, 33, 645-652.	0.8	15

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37	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
38	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
39	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
40	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
41	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
42	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
43	Vascular Permeability Assay in Human Coronary and Mouse Brachiocephalic Arteries. <i>Bio-protocol</i> , 2018, 8, .	0.2	2
44	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
45	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
46	Aberrant serum polyunsaturated fatty acids profile is relevant with acute coronary syndrome. <i>Heart and Vessels</i> , 2016, 31, 1209-1217.	0.5	11
47	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
48	Peripartum cardiomyopathy with biventricular thrombus which led to massive cerebral embolism. <i>Journal of Cardiology Cases</i> , 2014, 9, 71-74.	0.2	4
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	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
51	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
52	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
53	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
54	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

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55	Vulnerable Plaque in Patients with Acute Coronary Syndrome: Identification, Importance, and Management. US Cardiology Review, 0, 16, .	0.5	4