

# Soichiro Usui

## List of Publications by Year in descending order

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Version: 2024-02-01

72  
papers

1,702  
citations

331642

21  
h-index

302107

39  
g-index

74  
all docs

74  
docs citations

74  
times ranked

2639  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of sinus rhythm maintenance on major adverse cardiac and cerebrovascular events after catheter ablation of atrial fibrillation: insights from AF frontier ablation registry. <i>Heart and Vessels</i> , 2022, 37, 327-336.	1.2	5
2	Effects of Different Types of Pathogenic Variants on Phenotypes of Familial Hypercholesterolemia. <i>Frontiers in Genetics</i> , 2022, 13, 872056.	2.3	8
3	Relationships between muscle sympathetic nerve activity and novel indices of arterial stiffness using single oscillometric cuff in patients with hypertension. <i>Physiological Reports</i> , 2022, 10, e15270.	1.7	2
4	Effect of pulmonary vein isolation on the relationship between left atrial reverse remodeling and sympathetic nerve activity in patients with atrial fibrillation. <i>Clinical Autonomic Research</i> , 2022, 32, 229-235.	2.5	4
5	Myocyte-specific enhancer factor 2c triggers transdifferentiation of adipose tissue-derived stromal cells into spontaneously beating cardiomyocyte-like cells. <i>Scientific Reports</i> , 2021, 11, 1520.	3.3	7
6	Relationships between kidney dysfunction and left ventricular diastolic dysfunction: a hospital-based retrospective study. <i>Journal of Nephrology</i> , 2021, 34, 773-780.	2.0	3
7	Clinical Diagnostic Criteria of Familial Hypercholesterolemia—A Comparison of the Japan Atherosclerosis Society and Dutch Lipid Clinic Network Criteria. <i>Circulation Journal</i> , 2021, 85, 891-897.	1.6	11
8	Early Detection of Symptom Exacerbation in Patients With SARS-CoV-2 Infection Using the Fitbit Charge 3 (DEXTERITY): Pilot Evaluation. <i>JMIR Formative Research</i> , 2021, 5, e30819.	1.4	8
9	Association between Cardiovascular Health and Incident Atrial Fibrillation in the General Japanese Population Aged ≥40 Years. <i>Nutrients</i> , 2021, 13, 3201.	4.1	6
10	Clinical trial of autologous adipose tissue-derived regenerative (stem) cells therapy for exploration of its safety and efficacy. <i>Regenerative Therapy</i> , 2021, 18, 97-101.	3.0	12
11	Circulating nerve growth factor receptor positive cells are associated with severity and prognosis of pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2021, 11, 1-11.	1.7	4
12	Different Responses of Muscle Sympathetic Nerve Activity to Dapagliflozin Between Patients With Type 2 Diabetes With and Without Heart Failure. <i>Journal of the American Heart Association</i> , 2021, 10, e022637.	3.7	13
13	Characterization of adipose tissue-derived stromal cells of mice with nonalcoholic fatty liver disease and their use for liver repair. <i>Regenerative Therapy</i> , 2021, 18, 497-507.	3.0	2
14	A case of pulmonary arterial hypertension with chronic hepatitis that resulted in hepatosplenomegaly after administration of prostaglandin I2. <i>Journal of Cardiology Cases</i> , 2020, 21, 182-185.	0.5	1
15	Different prognosis between severe and very severe obstructive sleep apnea patients; Five year outcomes. <i>Journal of Cardiology</i> , 2020, 76, 573-579.	1.9	5
16	Hokuriku-plus familial hypercholesterolaemia registry study: rationale and study design. <i>BMJ Open</i> , 2020, 10, e038623.	1.9	3
17	Takotsubo cardiomyopathy complicated by cardiac tamponade due to non-hemorrhagic pericardial effusion: a case report. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 67.	1.7	4
18	Regenerative Therapy for Liver Cirrhosis Based on Intrahepatic Arterial Infusion of Autologous Subcutaneous Adipose Tissue-Derived Regenerative (Stem) Cells: Protocol for a Confirmatory Multicenter Uncontrolled Clinical Trial. <i>JMIR Research Protocols</i> , 2020, 9, e17904.	1.0	6

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19	Coronary sinus catheter placement via left cubital vein for phrenic nerve stimulation during pulmonary vein isolation. <i>Heart and Vessels</i> , 2019, 34, 1710-1716.	1.2	3
20	Diabetes impairs the angiogenic capacity of human adipose-derived stem cells by reducing the CD271+ subpopulation in adipose tissue. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 369-375.	2.1	20
21	Adipose tissue-derived stem cells prevent fibrosis in murine steatohepatitis by suppressing IL-17-mediated inflammation. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 1432-1440.	2.8	18
22	Sphingosine-1-phosphate receptor 1 promotes neointimal hyperplasia in a mouse model of carotid artery injury. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 179-184.	2.1	8
23	Endogenous muscle atrophy F-box is involved in the development of cardiac rupture after myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 126, 1-12.	1.9	9
24	Impact of left atrial size on isolation area in the acute phase of pulmonary vein isolation using 28Åmm cryoballoon. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018, 41, 700-706.	1.2	3
25	Evaluation of the risk factors for ventricular arrhythmias secondary to QT prolongation induced by papaverine injection during coronary flow reserve studies using a 4ÅFr angio-catheter. <i>Heart and Vessels</i> , 2018, 33, 1358-1364.	1.2	8
26	Significant Association Between Coronary Artery Low-Attenuation Plaque Volume and Apnea-Hypopnea Index, But Not Muscle Sympathetic Nerve Activity, in Patients With Obstructive Sleep Apnea Syndrome. <i>Circulation Journal</i> , 2018, 82, 2852-2860.	1.6	7
27	Optimal lesion size index to prevent conduction gap during pulmonary vein isolation. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1616-1623.	1.7	41
28	Differential effects of lipophilic and hydrophilic statins on muscle sympathetic nerve activity in heart failure with preserved left ventricular ejection fraction. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018, 213, 8-14.	2.8	15
29	Occult constrictive pericardial disease emerging 40Åyears after chest radiation therapy: a case report. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 107.	1.7	2
30	Endogenous Selenoprotein P, a Liver-Derived Secretory Protein, Mediates Myocardial Ischemia/Reperfusion Injury in Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 878.	4.1	25
31	Effects of mineralocorticoid receptor antagonists on responses to hemorrhagic shock in rats. <i>World Journal of Critical Care Medicine</i> , 2018, 7, 1-8.	1.8	1
32	Long-Term Administration of Eicosapentaenoic Acid Improves Post-Myocardial Infarction Cardiac Remodeling in Mice by Regulating Macrophage Polarization. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	38
33	Significant correlation between renal 123I-metaiodobenzylguanidine scintigraphy and muscle sympathetic nerve activity in patients with primary hypertension. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 363-371.	2.1	6
34	General anesthesia improves contact force and reduces gap formation in pulmonary vein isolation: a comparison with conscious sedation. <i>Heart and Vessels</i> , 2017, 32, 997-1005.	1.2	36
35	Sodium 4-Phenylbutyrate Attenuates Myocardial Reperfusion Injury by Reducing the Unfolded Protein Response. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2017, 22, 283-292.	2.0	13
36	Î²-Cryptoxanthin exerts greater cardioprotective effects on cardiac ischemia-reperfusion injury than astaxanthin by attenuating mitochondrial dysfunction in mice. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1601077.	3.3	33

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37	Phase I clinical study of liver regenerative therapy for cirrhosis by intrahepatic arterial infusion of freshly isolated autologous adipose tissue-derived stromal/stem (regenerative) cell. <i>Regenerative Therapy</i> , 2017, 6, 52-64.	3.0	45
38	The CD45 <sup>+</sup> fraction in murine adipose tissue derived stromal cells harbors immune-inhibitory inflammatory cells. <i>European Journal of Immunology</i> , 2017, 47, 2163-2174.	2.9	8
39	Cable externalization at the proximal portion of the superior vena cava coil in Riata implantable cardioverter defibrillator leads. <i>Journal of Cardiology Cases</i> , 2017, 15, 3-5.	0.5	0
40	Augmented sphingosine 1 phosphate receptor-1 signaling in cardiac fibroblasts induces cardiac hypertrophy and fibrosis through angiotensin II and interleukin-6. <i>PLoS ONE</i> , 2017, 12, e0182329.	2.5	50
41	Single-Unit Muscle Sympathetic Nerve Activity Reflects Sleep Apnea Severity, Especially in Severe Obstructive Sleep Apnea Patients. <i>Frontiers in Physiology</i> , 2016, 7, 66.	2.8	17
42	Optimal Force-Time Integral for Pulmonary Vein Isolation According to Anatomical Wall Thickness Under the Ablation Line. <i>Journal of the American Heart Association</i> , 2016, 5, e003155.	3.7	36
43	Altered gene expression in T-cell receptor signalling in peripheral blood leucocytes in acute coronary syndrome predicts secondary coronary events. <i>Open Heart</i> , 2016, 3, e000400.	2.3	4
44	Inflammation of left atrial epicardial adipose tissue is associated with paroxysmal atrial fibrillation. <i>Journal of Cardiology</i> , 2016, 68, 406-411.	1.9	35
45	Short-term rapid atrial pacing alters the gene expression profile of rat liver: Cardiohepatic interaction in atrial fibrillation. <i>Heart Rhythm</i> , 2016, 13, 2368-2376.	0.7	14
46	Intestinal angina in a patient with hypertrophic obstructive cardiomyopathy: a case report. <i>Journal of Medical Case Reports</i> , 2016, 10, 271.	0.8	0
47	Adipose-derived regenerative cells exert beneficial effects on systemic responses following myocardial ischemia/reperfusion. <i>Cardiology Journal</i> , 2016, 23, 685-693.	1.2	3
48	Chronic Ischemia Induced by Woven Coronary Artery Anomaly with Typical Atrial Flutter: Insights from Multiple Imaging Devices. <i>Internal Medicine</i> , 2015, 54, 2185-2189.	0.7	8
49	Case report: pericardial effusion with constrictive physiology in a patient with wet beriberi. <i>Nutrition Journal</i> , 2015, 15, 37.	3.4	7
50	Different responses of arterial blood pressure to electrical stimulation of the renal artery in patients with resistant hypertension. <i>International Journal of Cardiology</i> , 2015, 190, 296-298.	1.7	10
51	Rho-Kinase Activation in Leukocytes Plays a Pivotal Role in Myocardial Ischemia/Reperfusion Injury. <i>PLoS ONE</i> , 2014, 9, e92242.	2.5	36
52	Muscle-Specific RING Finger 1 Negatively Regulates Pathological Cardiac Hypertrophy Through Downregulation of Calcineurin A. <i>Circulation: Heart Failure</i> , 2014, 7, 479-490.	3.9	44
53	Coronary vessel floating sign and vasospastic angina in a patient with cardiac lymphoma. <i>International Journal of Cardiology</i> , 2014, 176, e20-e25.	1.7	3
54	Separated right and left ventricular excitation during right ventricular septal pacing in a patient with narrow QRS wave: a case report. <i>Journal of Medical Case Reports</i> , 2014, 8, 158.	0.8	0

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55	Successful treatment of functional mitral regurgitation in severe heart failure with atrial pacing: A case report. <i>Journal of Cardiology Cases</i> , 2014, 9, 50-53.	0.5	1
56	Differential effects of azelnidipine and amlodipine on sympathetic nerve activity in patients with primary hypertension. <i>Journal of Hypertension</i> , 2014, 32, 1898-1904.	0.5	22
57	Hemodynamic collapse induced by general anesthesia in a patient with an unruptured thoracic aortic aneurysm: a case report. <i>BMC Cardiovascular Disorders</i> , 2013, 13, 122.	1.7	2
58	Adipose tissue derived stromal stem cell therapy in murine C <sub>3</sub> A <sub>1</sub> -derived hepatitis is dependent on myeloid lineage and CD <sub>4</sub> <sup>+</sup> T <sub>H</sub> cell suppression. <i>European Journal of Immunology</i> , 2013, 43, 2956-2968.	2.9	48
59	Adipose tissue-derived stem cells as a regenerative therapy for a mouse steatohepatitis-induced cirrhosis model. <i>Hepatology</i> , 2013, 58, 1133-1142.	7.3	96
60	Autophagy Plays an Essential Role in Mediating Regression of Hypertrophy during Unloading of the Heart. <i>PLoS ONE</i> , 2013, 8, e51632.	2.5	81
61	Augmented single-unit muscle sympathetic nerve activity in heart failure with chronic atrial fibrillation. <i>Journal of Physiology</i> , 2012, 590, 509-518.	2.9	31
62	Magnetic resonance imaging in a patient with an implantable cardiac defibrillator. <i>Journal of Arrhythmia</i> , 2012, 28, 353-355.	1.2	1
63	Benidipine reduces ischemia reperfusion-induced systemic oxidative stress through suppression of aldosterone production in mice. <i>Hypertension Research</i> , 2012, 35, 287-294.	2.7	12
64	Endogenous Muscle Atrophy F-Box Mediates Pressure Overload-Induced Cardiac Hypertrophy Through Regulation of Nuclear Factor- $\kappa$ B. <i>Circulation Research</i> , 2011, 109, 161-171.	4.5	72
65	Altered Hepatic Gene Expression Profiles Associated With Myocardial Ischemia. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 68-77.	5.1	12
66	S1P3-mediated cardiac fibrosis in sphingosine kinase 1 transgenic mice involves reactive oxygen species. <i>Cardiovascular Research</i> , 2010, 85, 484-493.	3.8	131
67	Effect of pioglitazone on muscle sympathetic nerve activity in type 2 diabetes mellitus with alpha-glucosidase inhibitor. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2010, 158, 86-91.	2.8	24
68	Inhibition of Endogenous Mst1 Prevents Apoptosis and Cardiac Dysfunction Without Affecting Cardiac Hypertrophy After Myocardial Infarction. <i>Circulation Research</i> , 2007, 100, 1344-1352.	4.5	143
69	Global changes in gene expression during cardiac hypertrophy: A new direction of cardiac signaling research. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 219-222.	1.9	8
70	Effect of pimobendan on cardiopulmonary baroreflex control of sympathetic nerve activity in healthy young men. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005, 122, 100-106.	2.8	1
71	Blood Lipid Mediator Sphingosine 1-Phosphate Potently Stimulates Platelet-derived Growth Factor-A and -B Chain Expression through S1P1-Gi-Ras-MAPK-dependent Induction of Kr <sup>1/4</sup> ppel-like Factor 5. <i>Journal of Biological Chemistry</i> , 2004, 279, 12300-12311.	3.4	92
72	Sphingosine-1-Phosphate, a Platelet-Derived Lysophospholipid Mediator, Negatively Regulates Cellular Rac Activity and Cell Migration in Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 2002, 90, 325-332.	4.5	215