

# Yoshinori Katsumata

## List of Publications by Year in descending order

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Version: 2024-02-01

116  
papers

3,334  
citations

201674

27  
h-index

161849

54  
g-index

117  
all docs

117  
docs citations

117  
times ranked

5642  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex differences in sleep and psychological disturbances among patients admitted for cardiovascular diseases. <i>Sleep and Breathing</i> , 2022, , 1.	1.7	4
2	Kinetic changes in sweat lactate following fatigue during constant workload exercise. <i>Physiological Reports</i> , 2022, 10, e15169.	1.7	7
3	H2 Inhibits the Formation of Neutrophil Extracellular Traps. <i>JACC Basic To Translational Science</i> , 2022, 7, 146-161.	4.1	18
4	Qualitative and Quantitative Effects of Fatty Acids Involved in Heart Diseases. <i>Metabolites</i> , 2022, 12, 210.	2.9	6
5	Catheter ablation improves outcomes and quality of life in Japanese patients with early-stage atrial fibrillation: A retrospective cohort study. <i>Heart Rhythm</i> , 2022, 19, 1076-1083.	0.7	2
6	Effect of Tricuspid Regurgitation on the Reported Quality of Life and Subsequent Outcomes in Patients With Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2022, 11, e022713.	3.7	5
7	Omega-3 fatty acid epoxides produced by PAF-AH2 in mast cells regulate pulmonary vascular remodeling. <i>Nature Communications</i> , 2022, 13, .	12.8	13
8	Implications of QRS Prolongation in Patients With Atrial Fibrillation (from a Multicenter Outpatient) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.6	1
9	Symptom burden and treatment perception in patients with atrial fibrillation, with and without a family history of atrial fibrillation. <i>Heart and Vessels</i> , 2021, 36, 267-276.	1.2	3
10	Psychological disturbances and their association with sleep disturbances in patients admitted for cardiovascular diseases. <i>PLoS ONE</i> , 2021, 16, e0244484.	2.5	3
11	Autoimmune hypophysitis as a cause of adrenocorticotrophic hormone deficiency in pulmonary arterial hypertension: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab117.	0.6	1
12	<i>c.226G&gt;A (p.Gly76Ser)</i> as a Novel Causative Mutation for Pulmonary Arterial Hypertension. <i>Journal of the American Heart Association</i> , 2021, 10, e019245.	3.7	10
13	A novel device for detecting anaerobic threshold using sweat lactate during exercise. <i>Scientific Reports</i> , 2021, 11, 4929.	3.3	31
14	Successful percutaneous extraction of a remnant floating pacemaker lead. <i>BMJ Case Reports</i> , 2021, 14, e243128.	0.5	0
15	Symptom Under-Recognition of Atrial Fibrillation Patients in Consideration for Catheter Ablation. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 565-574.	3.2	4
16	Time-Series Transcriptome Analysis Reveals the miR-27a-5p- <i>l</i> Axis as a New Pathway Regulating Macrophage Alternative Polarization After Myocardial Infarction. <i>Circulation Journal</i> , 2021, 85, 929-938.	1.6	2
17	Exercise tolerance and quality of life in hemodynamically partially improved patients with chronic thromboembolic pulmonary hypertension treated with balloon pulmonary angioplasty. <i>PLoS ONE</i> , 2021, 16, e0255180.	2.5	9
18	Baseline and Postprocedural Health Status Outcomes in Contemporary Patients With Atrial Fibrillation Who Underwent Catheter Ablation: A Report from the Japanese Outpatient Registry. <i>Journal of the American Heart Association</i> , 2021, 10, e019983.	3.7	5

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19	Ibeglitim prevents heart failure with preserved ejection fraction by recovering the impaired unfolded protein response in mice subjected to cardiometabolic stress. <i>Biochemical and Biophysical Research Communications</i> , 2021, 572, 185-190.	2.1	38
20	MITOL/MARCH5 determines the susceptibility of cardiomyocytes to doxorubicin-induced ferroptosis by regulating GSH homeostasis. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 161, 116-129.	1.9	36
21	Exercise prescription using an insertable cardiac monitor in a patient with catecholaminergic polymorphic ventricular tachycardia. <i>HeartRhythm Case Reports</i> , 2021, 8, 17-21.	0.4	1
22	Frequent nightmares and its associations with psychological and sleep disturbances in hospitalized patients with cardiovascular diseases. <i>European Journal of Cardiovascular Nursing</i> , 2021, 20, 421-427.	0.9	5
23	Laminar flow ventilation system to prevent airborne infection during exercise in the COVID-19 crisis: A single-center observational study. <i>PLoS ONE</i> , 2021, 16, e0257549.	2.5	10
24	Pharmacokinetics of hydrogen after ingesting a hydrogen-rich solution: A study in pigs. <i>Heliyon</i> , 2021, 7, e08359.	3.2	13
25	Poor outcomes in carriers of the RNF213 variant (p.Arg4810Lys) with pulmonary arterial hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 103-112.	0.6	25
26	Electrical Isolation of the Marshall Bundle by Radiofrequency Catheter Ablation. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1647-1657.	3.2	5
27	Anatomical changes in the pulmonary veins and left atrium after cryoballoon ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 1289-1294.	1.2	3
28	Peripheral pulmonary stenosis with Noonan syndrome treated by balloon pulmonary angioplasty. <i>Pulmonary Circulation</i> , 2020, 10, 204589402095431.	1.7	6
29	Feasibility of the deep learning method for estimating the ventilatory threshold with electrocardiography data. <i>Npj Digital Medicine</i> , 2020, 3, 141.	10.9	19
30	MerTK Expression and ERK Activation Are Essential for the Functional Maturation of Osteopontin-producing Reparative Macrophages After Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2020, 9, e017071.	3.7	25
31	Hydrogen Gas Inhalation Attenuates Endothelial Glycocalyx Damage and Stabilizes Hemodynamics in a Rat Hemorrhagic Shock Model. <i>Shock</i> , 2020, 54, 377-385.	2.1	20
32	Daily inhalation of hydrogen gas has a blood pressure-lowering effect in a rat model of hypertension. <i>Scientific Reports</i> , 2020, 10, 20173.	3.3	14
33	Visualization of the electrophysiologically defined junction between the superior vena cava and right atrium. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1964-1969.	1.7	4
34	Successful Surgical Treatment Combined With Infliximab in a Patient With Acute Aortic Regurgitation Caused by Behçet Disease. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1161.e3-1161.e5.	1.7	2
35	Pharmacokinetics of a single inhalation of hydrogen gas in pigs. <i>PLoS ONE</i> , 2020, 15, e0234626.	2.5	25
36	Palmitate induces cardiomyocyte death via inositol requiring enzyme-1 (IRE1)-mediated signaling independent of X-box binding protein 1 (XBP1). <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 122-127.	2.1	18

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37	Discrepancy in recognition of symptom burden among patients with atrial fibrillation. <i>American Heart Journal</i> , 2020, 226, 240-249.	2.7	12
38	Mexiletine shortens the QT interval in a pedigree of KCNH2 related long QT syndrome. <i>Journal of Arrhythmia</i> , 2020, 36, 193-196.	1.2	2
39	Adrenal cortex hypoxia modulates aldosterone production in heart failure. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 184-189.	2.1	8
40	Treatment strategies and subsequent changes in the patient-reported quality-of-life among elderly patients with atrial fibrillation. <i>American Heart Journal</i> , 2020, 222, 83-92.	2.7	14
41	Low-Flow Nasal Cannula Hydrogen Therapy. <i>Journal of Clinical Medicine Research</i> , 2020, 12, 674-680.	1.2	9
42	Pharmacokinetics of a single inhalation of hydrogen gas in pigs. , 2020, 15, e0234626.		0
43	Pharmacokinetics of a single inhalation of hydrogen gas in pigs. , 2020, 15, e0234626.		0
44	Pharmacokinetics of a single inhalation of hydrogen gas in pigs. , 2020, 15, e0234626.		0
45	Pharmacokinetics of a single inhalation of hydrogen gas in pigs. , 2020, 15, e0234626.		0
46	The Durability of Atrial Fibrillation Ablation Using an Oesophageal Temperature Cut-Off of 38 Â°C. <i>Heart Lung and Circulation</i> , 2019, 28, 1050-1058.	0.4	3
47	A Cluster Analysis of the Japanese Multicenter Outpatient Registry of Patients With Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2019, 124, 871-878.	1.6	24
48	A high BNP level predicts an improvement in exercise tolerance after a successful catheter ablation of persistent atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 2283-2290.	1.7	7
49	Influence of long term administration of tofogliflozin on chronic inflammation of visceral adipose tissue in mice with obesity induced by a high-fat diet. <i>PLoS ONE</i> , 2019, 14, e0211387.	2.5	6
50	Sirt1 counteracts decrease in membrane phospholipid unsaturation and diastolic dysfunction during saturated fatty acid overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 133, 1-11.	1.9	12
51	Discrepancy between patient-reported quality of life and the prognostic assessment of Japanese patients hospitalized with acute heart failure. <i>Heart and Vessels</i> , 2019, 34, 1464-1470.	1.2	5
52	Endothelialâ€“Mesenchymal Transition Drives Expression of CD44 Variant and xCT in Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 367-379.	2.9	27
53	Assessment of Sex Differences in the Initial Symptom Burden, Applied Treatment Strategy, and Quality of Life in Japanese Patients With Atrial Fibrillation. <i>JAMA Network Open</i> , 2019, 2, e191145.	5.9	33
54	Pressure overload inhibits glucocorticoid receptor transcriptional activity in cardiomyocytes and promotes pathological cardiac hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 130, 122-130.	1.9	5

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55	Importance of the vein of Marshall involvement in mitral isthmus ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 617-624.	1.2	13
56	Artificial intelligence to predict needs for urgent revascularization from 12-lead electrocardiography in emergency patients. <i>PLoS ONE</i> , 2019, 14, e0210103.	2.5	62
57	Prevalence and clinical characteristics of obstructive- and central-dominant sleep apnea in candidates of catheter ablation for atrial fibrillation in Japan. <i>International Journal of Cardiology</i> , 2018, 260, 99-102.	1.7	16
58	Response by Fujisawa et al to Letter Regarding Article, "Pulmonary Artery Denervation by Determining Targeted Ablation Sites for Treatment of Pulmonary Arterial Hypertension". <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006244.	3.9	1
59	Promising novel therapy with hydrogen gas for emergency and critical care medicine. <i>Acute Medicine &amp; Surgery</i> , 2018, 5, 113-118.	1.2	30
60	Real-time Analysis of the Heart Rate Variability During Incremental Exercise for the Detection of the Ventilatory Threshold. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	42
61	Incidence, Clinical Characteristics, and Long-term Outcome of the Dilated Phase of Hypertrophic Cardiomyopathy. <i>Keio Journal of Medicine</i> , 2018, 68, 87-94.	1.1	4
62	Decrease in membrane phospholipids unsaturation correlates with myocardial diastolic dysfunction. <i>PLoS ONE</i> , 2018, 13, e0208396.	2.5	22
63	Genomic Comparison With Supercentenarians Identifies <i>RNF213</i> as a Risk Gene for Pulmonary Arterial Hypertension. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002317.	3.6	14
64	Asymptomatic Cerebral Infarction During Catheter Ablation for Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 1598-1609.	3.2	25
65	Sex-dependent Phenotypic Variability of an <i>SCN5A</i> Mutation: Brugada Syndrome and Sick Sinus Syndrome. <i>Journal of the American Heart Association</i> , 2018, 7, e009387.	3.7	15
66	Author's reply: Atrial fibrillation and sleep apnea: A chicken and egg situation. <i>International Journal of Cardiology</i> , 2018, 270, 187.	1.7	0
67	Development of monomorphic ventricular tachycardia in a patient with fever-induced Brugada syndrome. <i>Journal of Arrhythmia</i> , 2018, 34, 465-468.	1.2	1
68	Improvement in the electrocardiograms associated with right ventricular hypertrophy after balloon pulmonary angioplasty in chronic thromboembolic pulmonary hypertension. <i>IJC Heart and Vasculature</i> , 2018, 19, 75-82.	1.1	12
69	IL (Interleukin)-10 "STAT3" Galectin-3 Axis Is Essential for Osteopontin-Producing Replicative Macrophage Polarization After Myocardial Infarction. <i>Circulation</i> , 2018, 138, 2021-2035.	1.6	138
70	The absence of a left atrial appendage in a patient with paroxysmal atrial fibrillation with a persistent left superior vena cava. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, jew227.	1.2	2
71	A cost-utility analysis for catheter ablation of atrial fibrillation in combination with warfarin and dabigatran based on the CHADS 2 score in Japan. <i>Journal of Cardiology</i> , 2017, 69, 89-97.	1.9	8
72	Assessment of atrial fibrillation ablation outcomes with clinic ECG, monthly 24-h Holter ECG, and twice-daily telemonitoring ECG. <i>Heart and Vessels</i> , 2017, 32, 317-325.	1.2	11

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73	A Novel SCN5A Mutation Found in a Familial Case of Long QT Syndrome Complicated by Severe Left Ventricular Dysfunction. <i>Canadian Journal of Cardiology</i> , 2017, 33, 554.e5-554.e7.	1.7	5
74	An RyR2 mutation found in a family with a short-coupled variant of torsade de pointes. <i>International Journal of Cardiology</i> , 2017, 227, 367-369.	1.7	7
75	COMPLIANCE TO UPDATED AHA/ACC QUALITY MEASURES AMONG PATIENTS WITH ATRIAL FIBRILLATION IN JAPAN AND ITS ASSOCIATION WITH THEIR QUALITY OF LIFE. <i>Journal of the American College of Cardiology</i> , 2017, 69, 538.	2.8	0
76	Pulmonary Artery Denervation by Determining Targeted Ablation Sites for Treatment of Pulmonary Arterial Hypertension. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	3.9	19
77	Effect of Compliance to Updated AHA/ACC Performance and Quality Measures Among Patients With Atrial Fibrillation on Outcome (from Japanese Multicenter Registry). <i>American Journal of Cardiology</i> , 2017, 120, 595-600.	1.6	9
78	Real-world monitoring of direct oral anticoagulants in clinic and hospitalization settings. <i>SAGE Open Medicine</i> , 2017, 5, 205031211773477.	1.8	7
79	The Effects of Hydrogen Gas Inhalation on Adverse Left Ventricular Remodeling After Percutaneous Coronary Intervention for ST-Elevated Myocardial Infarctionâ€”First Pilot Study in Humans â€”. <i>Circulation Journal</i> , 2017, 81, 940-947.	1.6	58
80	Negative legacy of obesity. <i>PLoS ONE</i> , 2017, 12, e0186303.	2.5	27
81	Mitral isthmus ablation using a circular mapping catheter positioned in the left atrial appendage as a reference for conduction block. <i>Oncotarget</i> , 2017, 8, 52724-52734.	1.8	2
82	Obesity accelerates T cell senescence in murine visceral adipose tissue. <i>Journal of Clinical Investigation</i> , 2016, 126, 4626-4639.	8.2	207
83	Cardiac Sirt1 mediates the cardioprotective effect of caloric restriction by suppressing local complement system activation after ischemia-reperfusion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1003-H1014.	3.2	28
84	Visualization of in vivo metabolic flows reveals accelerated utilization of glucose and lactate in penumbra of ischemic heart. <i>Scientific Reports</i> , 2016, 6, 32361.	3.3	47
85	Comparison of circadian, weekly, and seasonal variations of electrical storms and single events of ventricular fibrillation in patients with Brugada syndrome. <i>IJC Heart and Vasculature</i> , 2016, 11, 104-110.	1.1	6
86	Electrical superior vena cava isolation using photodynamic therapy in a canine model. <i>Europace</i> , 2016, 18, 294-300.	1.7	15
87	Activation of pyruvate dehydrogenase by dichloroacetate has the potential to induce epigenetic remodeling in the heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 82, 116-124.	1.9	37
88	Diagnostic Accuracy of Commercially Available Automated External Defibrillators. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	13
89	Optimal conditions for cardiac catheter ablation using photodynamic therapy. <i>Europace</i> , 2015, 17, 1309-1315.	1.7	18
90	Visualization of the left atrial appendage by phased-array intracardiac echocardiography from the pulmonary artery in patients with atrial fibrillation. <i>Europace</i> , 2015, 17, 546-551.	1.7	8

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91	Adventitial CXCL1/G-CSF Expression in Response to Acute Aortic Dissection Triggers Local Neutrophil Recruitment and Activation Leading to Aortic Rupture. <i>Circulation Research</i> , 2015, 116, 612-623.	4.5	150
92	Predictive factors of lead failure in patients implanted with cardiac devices. <i>International Journal of Cardiology</i> , 2015, 199, 277-281.	1.7	31
93	Risk factors for early replacement of cardiovascular implantable electronic devices. <i>International Journal of Cardiology</i> , 2015, 178, 99-101.	1.7	2
94	Effect of Nocturnal Intermittent Hypoxia on Left Atrial Appendage Flow Velocity in Atrial Fibrillation. <i>Canadian Journal of Cardiology</i> , 2015, 31, 846-852.	1.7	8
95	Indispensable role of endothelial nitric oxide synthase in caloric restriction-induced cardioprotection against ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H894-H903.	3.2	29
96	Evaluation of Differences in Automated QT/QTc Measurements between Fukuda Denshi and Nihon Kodens Systems. <i>PLoS ONE</i> , 2014, 9, e106947.	2.5	10
97	Lung Natural Killer Cells Play a Major Counter-Regulatory Role in Pulmonary Vascular Hyperpermeability After Myocardial Infarction. <i>Circulation Research</i> , 2014, 114, 637-649.	4.5	24
98	Pericardial Endoscopyâ€“Guided Left Atrial Appendage Ligation. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 844-850.	3.9	3
99	Operator-blinded contact force monitoring during pulmonary vein isolation using conventional and steerable sheaths. <i>International Journal of Cardiology</i> , 2014, 177, 970-976.	1.7	18
100	Serum Inflammation Markers Predicting Successful Initial Catheter Ablation for Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2014, 23, 636-643.	0.4	41
101	Endogenous Prostaglandin D <sub>2</sub> and Its Metabolites Protect the Heart Against Ischemiaâ€“Reperfusion Injury by Activating Nrf2. <i>Hypertension</i> , 2014, 63, 80-87.	2.7	79
102	Thrombus Formation in the Left Atrial Appendage During Catheter Ablation for Atrial Fibrillation Under Sufficient Heparinization. <i>Canadian Journal of Cardiology</i> , 2014, 30, 465.e5-465.e6.	1.7	1
103	Thoracic impedance as a therapeutic marker of acute decompensated heart failure. <i>International Journal of Cardiology</i> , 2014, 174, 840-842.	1.7	2
104	Clinical characteristics of atrial fibrillation detected by implanted devices and its association with ICD therapy. <i>International Journal of Cardiology</i> , 2014, 172, e529-e530.	1.7	18
105	Temporal dynamics of cardiac immune cell accumulation following acute myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 62, 24-35.	1.9	447
106	Efficacy and safety of bepridil for prevention of ICD shocks in patients with Brugada syndrome and idiopathic ventricular fibrillation. <i>International Journal of Cardiology</i> , 2013, 168, 5083-5085.	1.7	38
107	Anatomical characteristics of the left atrial appendage in cardiogenic stroke with low CHADS2 scores. <i>Heart Rhythm</i> , 2013, 10, 921-925.	0.7	153
108	Storms of Ventricular Fibrillation Responsive to Isoproterenol in an Idiopathic Ventricular Fibrillation Patient Demonstrating Complete Right Bundle Branch Block. <i>International Heart Journal</i> , 2013, 54, 240-242.	1.0	7

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109	Induction of Cardiomyocyte-Like Cells in Infarct Hearts by Gene Transfer of Gata4, Mef2c, and Tbx5. <i>Circulation Research</i> , 2012, 111, 1147-1156.	4.5	246
110	Biphasic Time Course of the Changes in Aldosterone Biosynthesis Under High-Salt Conditions in Dahl Salt-Sensitive Rats. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1194-1203.	2.4	23
111	Deleterious Effect of the IL-23/IL-17A Axis and T Cells on Left Ventricular Remodeling After Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2012, 1, e004408.	3.7	127
112	PGD2-CRTH2 Pathway Promotes Tubulointerstitial Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1797-1809.	6.1	47
113	Frequent long-distance flyer's undesirable mileage: an organized giant thrombus stuck in PFO. <i>Journal of Thrombosis and Thrombolysis</i> , 2012, 33, 296-298.	2.1	0
114	Caloric Restriction Primes Mitochondria for Ischemic Stress by Deacetylating Specific Mitochondrial Proteins of the Electron Transport Chain. <i>Circulation Research</i> , 2011, 109, 396-406.	4.5	83
115	4-Hydroxy-2-nonenal protects against cardiac ischemia-reperfusion injury via the Nrf2-dependent pathway. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 576-586.	1.9	128
116	Metabolic Remodeling Induced by Mitochondrial Aldehyde Stress Stimulates Tolerance to Oxidative Stress in the Heart. <i>Circulation Research</i> , 2009, 105, 1118-1127.	4.5	129