

# Hiroyasu Uzui

## List of Publications by Year in descending order

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74  
papers

917  
citations

623734

14  
h-index

501196

28  
g-index

79  
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79  
docs citations

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times ranked

1393  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased Expression of Membrane Type 3-Matrix Metalloproteinase in Human Atherosclerotic Plaque. <i>Circulation</i> , 2002, 106, 3024-3030.	1.6	173
2	Circulating matrix metalloproteinase-2 is elevated in patients with congestive heart failure. <i>European Journal of Heart Failure</i> , 2004, 6, 41-45.	7.1	77
3	The role of protein-tyrosine phosphorylation and gelatinase production in the migration and proliferation of smooth muscle cells. <i>Atherosclerosis</i> , 2000, 149, 51-59.	0.8	74
4	Association between matrix metalloproteinase-9 and worsening heart failure events in patients with chronic heart failure. <i>ESC Heart Failure</i> , 2017, 4, 321-330.	3.1	53
5	Number of Endothelial Progenitor Cells in Peripheral Artery Disease as a Marker of Severity and Association with Pentraxin-3, Malondialdehyde-Modified Low-Density Lipoprotein and Membrane Type-1 Matrix Metalloproteinase. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012, 19, 149-158.	2.0	50
6	Pravastatin suppresses the increase in matrix metalloproteinase-2 levels after acute myocardial infarction. <i>International Journal of Cardiology</i> , 2005, 105, 67-73.	1.7	43
7	Outcomes of everolimus-eluting stent incomplete stent apposition: a serial optical coherence tomography analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 23-28.	1.2	42
8	Therapeutic developments in matrix metalloproteinase inhibition. <i>Expert Opinion on Therapeutic Patents</i> , 2002, 12, 665-707.	5.0	26
9	Effects of magnesium on the production of extracellular matrix metalloproteinases in cultured rat vascular smooth muscle cells. <i>Atherosclerosis</i> , 2003, 166, 271-277.	0.8	23
10	Acarbose treatments improve arterial stiffness in patients with type 2 diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2011, 2, 148-153.	2.4	21
11	Role of SGLT1 in high glucose level-induced MMP-2 expression in human cardiac fibroblasts. <i>Molecular Medicine Reports</i> , 2018, 17, 6887-6892.	2.4	21
12	Imidaprilat inhibits matrix metalloproteinase-2 activity in human cardiac fibroblasts induced by interleukin-1 $\beta$ via NO-dependent pathway. <i>International Journal of Cardiology</i> , 2008, 126, 414-420.	1.7	17
13	Reverse blood flow-glucose metabolism mismatch indicates preserved oxygen metabolism in patients with revascularised myocardial infarction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 1155-1162.	6.4	16
14	Endothelial damage and thromboembolic risk after pulmonary vein isolation using the latest ablation technologies: a comparison of the second-generation cryoballoon vs. contact force-sensing radiofrequency ablation. <i>Heart and Vessels</i> , 2019, 34, 509-516.	1.2	16
15	Effects of Combination Therapy With Olmesartan and Azelnidipine on Serum Osteoprotegerin in Patients With Hypertension. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2014, 19, 304-309.	2.0	14
16	Predictive Utility of the Changes in Matrix Metalloproteinase-2 in the Early Phase for Left Ventricular Reverse Remodeling After an Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2015, 4, e001359.	3.7	13
17	17 $\beta$ -Estradiol Inhibits Oxidized Low-Density Lipoprotein-Induced Increase in Matrix Metalloproteinase-9 Expression in Human Macrophages. <i>Journal of Investigative Medicine</i> , 2011, 59, 1104-1108.	1.6	11
18	Impact of Medical Castration on Malignant Arrhythmias in Patients With Prostate Cancer. <i>Journal of the American Heart Association</i> , 2021, 10, e017267.	3.7	11

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19	SGLT1 Knockdown Attenuates Cardiac Fibroblast Activation in Diabetic Cardiac Fibrosis. <i>Frontiers in Pharmacology</i> , 2021, 12, 700366.	3.5	11
20	Pressure-guided second-generation cryoballoon pulmonary vein isolation: Prospective comparison of the procedural and clinical outcomes with the conventional strategy. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1841-1847.	1.7	10
21	Feasibility of Uninterrupted Direct Oral Anticoagulants with Temporary Switching to Dabigatran ("Dabigatran Bridge") for Catheter Ablation of Atrial Fibrillation. <i>International Heart Journal</i> , 2019, 60, 1315-1320.	1.0	10
22	Impaired myocardial microcirculation in the flow-glucose metabolism mismatch regions in revascularized acute myocardial infarction. <i>Journal of Nuclear Cardiology</i> , 2017, 24, 1641-1650.	2.1	9
23	Cardiovascular Outcomes in Patients With Previous Myocardial Infarction and Mild Diabetes Mellitus Following Treatment With Pioglitazone. <i>EClinicalMedicine</i> , 2018, 4-5, 10-24.	7.1	9
24	N-Acetylcysteine Ameliorates Experimental Autoimmune Myocarditis in Rats via Nitric Oxide. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2015, 20, 203-210.	2.0	8
25	Gastric Hypomotility After Luminal Esophageal Temperature Guided Second-Generation Cryoballoon Pulmonary Vein Isolation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006691.	4.8	8
26	Association of plasma pentraxin-3 levels with coronary risk factors and the lipid profile: a cross-sectional study in Japanese patients with stable angina pectoris. <i>Heart and Vessels</i> , 2018, 33, 1301-1310.	1.2	8
27	Clinically Manifesting Air Embolisms in Cryoballoon Ablation. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1067-1072.	3.2	8
28	Discrepancy between CARTO and Rhythmia maps for defining the left atrial low-voltage areas in atrial fibrillation ablation. <i>Heart and Vessels</i> , 2021, 36, 1027-1034.	1.2	8
29	Cryoballoon left atrial roof ablation for persistent atrial fibrillation—Analysis with high-resolution mapping system. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2022, 45, 589-597.	1.2	8
30	Medical Castration is a Rare but Possible Trigger of Torsade de Pointes and Ventricular Fibrillation. <i>International Heart Journal</i> , 2019, 60, 193-198.	1.0	7
31	Serum tenascin-C levels in atrium predict atrial structural remodeling processes in patients with atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 59, 401-406.	1.3	7
32	Mapping and ablation of clinical spontaneous perimitral atrial tachycardias using an ultra-high-resolution mapping system. <i>Heart Rhythm</i> , 2021, 18, 189-198.	0.7	7
33	Pitavastatin decreases serum LOX-1 ligand levels and MT1-MMP expression in CD14-positive mononuclear cells in hypercholesterolemic patients. <i>International Journal of Cardiology</i> , 2014, 176, 1230-1232.	1.7	6
34	Association of CD34/CD133/VEGFR2-Positive Cell Numbers with Eicosapentaenoic Acid and Postprandial Hyperglycemia in Patients with Coronary Artery Disease. <i>International Journal of Cardiology</i> , 2016, 221, 1039-1042.	1.7	6
35	Sequential organ failure assessment score on admission predicts long-term mortality in acute heart failure patients. <i>ESC Heart Failure</i> , 2020, 7, 245-253.	3.1	6
36	Associations between cachexia and metalloproteinases, haemodynamics and mortality in heart failure. <i>European Journal of Clinical Investigation</i> , 2021, 51, e13426.	3.4	6

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37	Effects of Sitagliptin on the Coronary Flow Reserve, Circulating Endothelial Progenitor Cells and Stromal Cell-derived Factor-1alpha. <i>Internal Medicine</i> , 2019, 58, 2773-2781.	0.7	5
38	Intra-procedural evaluation of the cavo-tricuspid isthmus anatomy with different techniques: comparison of angiography and intracardiac echocardiography. <i>Heart and Vessels</i> , 2019, 34, 1703-1709.	1.2	5
39	A Slower Heart Rate and Therapeutic Hypothermia Unmasked Early Repolarization Syndrome in a Ventricular Fibrillation Survivor. <i>International Heart Journal</i> , 2019, 60, 185-188.	1.0	5
40	Efficacy and Safety of Tolvaptan in Patients More Than 90 Years Old With Acute Heart Failure. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020, 25, 47-56.	2.0	5
41	Ultra-high resolution mapping and ablation of accessory pathway conduction. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 62, 309-318.	1.3	4
42	Femoral vascular complications after catheter ablation in the current era: The utility of computed tomography imaging. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1385-1393.	1.7	4
43	Evaluation of cryoballoon pulmonary vein isolation lesions during the acute and chronic phases using a high-resolution mapping system. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, , 1.	1.3	4
44	Initial and late efficacy of everolimus-eluting stents for small and non-small coronary lesions from evaluating delayed late loss study. <i>Heart and Vessels</i> , 2017, 32, 1415-1423.	1.2	3
45	Cryothermal atrial linear ablation in patients with atrial fibrillation: An insight from the comparison with radiofrequency atrial linear ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1075-1082.	1.7	3
46	The advantages and disadvantages of the novel fourth-generation cryoballoon as compared to the second-generation cryoballoon in the current short freeze strategy. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, , 1.	1.3	3
47	Cardiac rehabilitation after catheter ablation of atrial fibrillation in patients with left ventricular dysfunction. <i>Heart and Vessels</i> , 2021, 36, 1542-1550.	1.2	3
48	Effects of PCSK9 Inhibitor on Favorable Limb Outcomes in Patients with Chronic Limb-Threatening Ischemia. <i>Journal of Atherosclerosis and Thrombosis</i> , 2021, 28, 754-765.	2.0	3
49	Safety and durability of cavo-tricuspid isthmus linear ablation in the current era: Single-center 9-year experience from 1078 procedures. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, , .	1.7	3
50	Relationship of body mass index to clinical outcomes after percutaneous coronary intervention. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13789.	3.4	3
51	Effect of postprandial hyperglycaemia on coronary flow reserve in patients with impaired glucose tolerance and type 2 diabetes mellitus. <i>Diabetes and Vascular Disease Research</i> , 2015, 12, 405-410.	2.0	2
52	The impact of the CartoSound® image directly acquired from the left atrium for integration in atrial fibrillation ablation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2018, 53, 301-308.	1.3	2
53	The P wave morphology in lead V7 on the synthesized 18-lead ECG is a useful parameter for identifying arrhythmias originating from the right inferior pulmonary vein. <i>Heart and Vessels</i> , 2020, 35, 246-251.	1.2	2
54	Association between Changes in the Systolic Blood Pressure from Evening to the Next Morning and Night Glucose Variability in Heart Disease Patients. <i>Internal Medicine</i> , 2021, 60, 3543-3549.	0.7	2

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55	The mechanisms of left septal and anterior wall reentrant atrial tachycardias analyzed with ultrahigh resolution mapping: The role of functional block in the circuit. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 1305-1319.	1.7	2
56	Abdominal Fat Pad Fine-Needle Aspiration for Diagnosis of Cardiac Amyloidosis in Patients with Non-Ischemic Cardiomyopathy. <i>International Heart Journal</i> , 2022, 63, 49-55.	1.0	2
57	Idiopathic right ventricular arrhythmias requiring additional ablation from the left-sided outflow tract: ECG characteristics and efficacy of an anatomical approach. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2653-2664.	1.7	1
58	DDD mode-switching and loss of atrioventricular synchrony evokes heart failure: A rare but possible trigger of pacing-induced cardiomyopathy. <i>Journal of Cardiology Cases</i> , 2021, 23, 158-162.	0.5	1
59	Ultra-high resolution mapping of reverse typical atrial flutter: electrophysiological properties of a right atrial posterior wall and interatrial septum activation pattern. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 63, 333-339.	1.3	1
60	Ultrahigh resolution electroanatomical mapping of the transverse conduction of the right atrial posterior wall in cases with and without typical atrial flutter. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 297-304.	1.7	1
61	Phrenic nerve stimulation during right ventricular outflow tract pacing: A rare but possible complication. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 3330-3333.	1.7	1
62	Conduction delay across the cavotricuspid isthmus block line caused by the gap near the inferior vena cava: the role of conduction block in the lower lateral right atrium. <i>Heart and Vessels</i> , 2022, 37, 1203-1212.	1.2	1
63	The role of eplerenone on activity of matrix metalloproteinase-2 stimulated by high glucose and interleukin 1 $\alpha$ in human cardiac fibroblasts. <i>Heart</i> , 2011, 97, A113-A113.	2.9	0
64	Successful Percutaneous Coronary Intervention in a Double Aortic Arch With a Right Descending Aorta. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, e185-e186.	2.9	0
65	Mid-axillary pacemaker re-implantation after contralateral pocket infection in an emaciated elderly case. <i>Journal of Cardiology Cases</i> , 2018, 18, 70-73.	0.5	0
66	Superior vena cava isolation using a novel ablation catheter incorporating local impedance monitoring. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, , 1.	1.3	0
67	Premature ventricular contraction originating from the distal left anterior fascicle: The usefulness of a multipolar catheter with small electrodes in mapping presystolic Purkinje potential and pace mapping. <i>Journal of Electrocardiology</i> , 2021, 68, 30-33.	0.9	0
68	Significance of day-to-day glucose variability in patients after acute coronary syndrome. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 490.	1.7	0
69	Relationships between sodium levels, haemodynamics and metalloproteinases in heart failure patients. <i>Heart and Vessels</i> , 2022, , 1.	1.2	0
70	Mapping and ablation of left atrial roof-dependent tachycardias using an ultra-high resolution mapping system. <i>BMC Cardiovascular Disorders</i> , 2022, 22, 57.	1.7	0
71	Evaluation of interatrial conduction pattern after pulmonary vein isolation using an ultrahigh-resolution electroanatomical mapping system. <i>Heart and Vessels</i> , 2022, , 1.	1.2	0
72	Oral Adrenergic Agents Produced Ventricular Fibrillation and QT Prolongation in an Elderly Patient Carrying an $\beta$ R2 Variant. <i>International Heart Journal</i> , 2022, 63, 398-403.	1.0	0

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73	Pseudo superior vena cava entrance block during sinus rhythm uncovered by continuous atrial pacing. <i>Journal of Arrhythmia</i> , 2022, 38, 653-655.	1.2	0
74	Prognostic value of 1,5-anhydro-d-glucitol incorporating syntax score in acute coronary syndrome. <i>Heart and Vessels</i> , 0, , .	1.2	0