

# Takeshi Kitamura

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

1,663  
citations

331538

21  
h-index

330025

37  
g-index

67  
all docs

67  
docs citations

67  
times ranked

1454  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-power short-duration versus standard radiofrequency ablation: Insights on lesion metrics. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1570-1575.	0.8	159
2	Revisiting anatomic macroreentrant tachycardia after atrial fibrillation ablation using ultrahigh-resolution mapping: Implications for ablation. <i>Heart Rhythm</i> , 2018, 15, 326-333.	0.3	73
3	Characteristics of Scar-Related Ventricular Tachycardia Circuits Using Ultra-High-Density Mapping. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006569.	2.1	72
4	Electrogram signature of specific activation patterns: Analysis of atrial tachycardias at high-density endocardial mapping. <i>Heart Rhythm</i> , 2018, 15, 28-37.	0.3	66
5	Marshall bundle elimination, Pulmonary vein isolation, and Line completion for Anatomical ablation of persistent atrial fibrillation (Marshall-PLAN): Prospective, single-center study. <i>Heart Rhythm</i> , 2021, 18, 529-537.	0.3	65
6	The role of Marshall bundle epicardial connections in atrial tachycardias after atrial fibrillation ablation. <i>Heart Rhythm</i> , 2019, 16, 1341-1347.	0.3	62
7	Epicardial course of the septopulmonary bundle: Anatomical considerations and clinical implications for roof line completion. <i>Heart Rhythm</i> , 2021, 18, 349-357.	0.3	62
8	First clinical use of novel ablation catheter incorporating local impedance data. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1197-1206.	0.8	59
9	Atrial Fibrillation Mechanisms and Implications for Catheter Ablation. <i>Frontiers in Physiology</i> , 2018, 9, 1458.	1.3	58
10	Characteristics of Single-Loop Macroreentrant Biatrial Tachycardia Diagnosed by Ultrahigh-Resolution Mapping System. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005558.	2.1	57
11	Long-Term Outcome of Substrate Modification in Ablation of Post-Myocardial Infarction Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005635.	2.1	51
12	Impact of Vein of Marshall Ethanol Infusion on Mitral Isthmus Block. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008884.	2.1	49
13	Are wall thickness channels defined by computed tomography predictive of isthmuses of postinfarction ventricular tachycardia?. <i>Heart Rhythm</i> , 2019, 16, 1661-1668.	0.3	47
14	Mechanism of Recurrence of Atrial Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007273.	2.1	41
15	Peri-Mitral Atrial Tachycardia Using the Marshall Bundle Epicardial Connections. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 27-35.	1.3	40
16	Characterizing localized reentry with high-resolution mapping: Evidence for multiple slow conducting isthmuses within the circuit. <i>Heart Rhythm</i> , 2019, 16, 679-685.	0.3	37
17	Comprehensive Multicenter Study of the Common Isthmus in Post-Atrial Fibrillation Ablation Multiple-Loop Atrial Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006019.	2.1	34
18	Use of Novel Electrogram Lumipoint Algorithm to Detect Critical Isthmus and Abnormal Potentials for Ablation in Ventricular Tachycardia. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 470-479.	1.3	34

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19	Insights from atrial surface activation throughout atrial tachycardia cycle length: A new mapping tool. <i>Heart Rhythm</i> , 2019, 16, 1652-1660.	0.3	31
20	Ethanol infusion for Marshall bundle epicardial connections in Marshall bundle-related atrial tachycardias following atrial fibrillation ablation: The accessibility and success rate of ethanol infusion by using a femoral approach. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1443-1451.	0.8	27
21	Early Repolarization Syndrome: Diagnostic and Therapeutic Approach. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 169.	1.1	26
22	Temperature- and flow-controlled ablation/very-high-power short-duration ablation vs conventional power-controlled ablation: Comparison of focal and linear lesion characteristics. <i>Heart Rhythm</i> , 2021, 18, 553-561.	0.3	26
23	Post-Myocardial Infarction Scar With Fat Deposition Shows Specific Electrophysiological Properties and Worse Outcome After Ventricular Tachycardia Ablation. <i>Journal of the American Heart Association</i> , 2019, 8, e012482.	1.6	24
24	Acute and mid-term outcome of ethanol infusion of vein of Marshall for the treatment of perimitral flutter. <i>Europace</i> , 2020, 22, 1252-1260.	0.7	24
25	Development of Nonpulmonary Vein Foci Increases Risk of Atrial Fibrillation Recurrence After Pulmonary Vein Isolation. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 547-555.	1.3	23
26	Detailed Analysis of the Relation Between Bipolar Electrode Spacing and Far- and Near-Field Electrograms. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 66-77.	1.3	23
27	Impact of Spacing and Orientation on the Scar Threshold With a High-Density Grid Catheter. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007158.	2.1	22
28	Effect of Activation Wavefront on Electrogram Characteristics During Ventricular Tachycardia Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007293.	2.1	21
29	Noninvasive Mapping and Electrocardiographic Imaging in Atrial and Ventricular Arrhythmias (CardioInsight). <i>Cardiac Electrophysiology Clinics</i> , 2019, 11, 459-471.	0.7	20
30	Detailed comparison between the wall thickness and voltages in chronic myocardial infarction. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 195-204.	0.8	20
31	Impedance, power, and current in radiofrequency ablation: Insights from technical, ex vivo, and clinical studies. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2836-2845.	0.8	20
32	Early repolarization pattern and its day-to-day dynamic change as markers for ventricular fibrillation in patients with vasospastic angina. <i>Europace</i> , 2016, 18, 1252-1258.	0.7	19
33	A simple mechanism underlying the behavior of reentrant atrial tachycardia during ablation. <i>Heart Rhythm</i> , 2019, 16, 553-561.	0.3	17
34	Long-Term Follow-Up of Idiopathic Ventricular Fibrillation in a Pediatric Population: Clinical Characteristics, Management, and Complications. <i>Journal of the American Heart Association</i> , 2019, 8, e011172.	1.6	16
35	Effect of electrode size and spacing on electrograms: Optimized electrode configuration for near-field electrogram characterization. <i>Heart Rhythm</i> , 2022, 19, 102-112.	0.3	16
36	Substrate Mapping and Ablation for Ventricular Tachycardia in Patients with Structural Heart Disease: How to Identify Ventricular Tachycardia Substrate. <i>Journal of Innovations in Cardiac Rhythm Management</i> , 2019, 10, 3565-3580.	0.2	16

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37	Ultra-High-Density Activation Mapping to Aid Isthmus Identification of Atrial Tachycardias in Congenital Heart Disease. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 1459-1472.	1.3	15
38	Epicardial course of the musculature related to the great cardiac vein: Anatomical considerations and clinical implications for mitral isthmus block after vein of Marshall ethanol infusion. <i>Heart Rhythm</i> , 2021, 18, 1951-1958.	0.3	15
39	Cardiac Propagation Pattern Mapping With Vector Field for Helping Tachyarrhythmias Diagnosis With Clinical Tridimensional Electro-Anatomical Mapping Tools. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 373-382.	2.5	14
40	Long-term efficacy of catheter ablation for paroxysmal atrial fibrillation in patients with Brugada syndrome and an implantable cardioverter-defibrillator to prevent inappropriate shock therapy. <i>Heart Rhythm</i> , 2016, 13, 1455-1459.	0.3	12
41	Atrial tachycardias: Cause or effect with ablation of persistent atrial fibrillation?. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 274-283.	0.8	12
42	In silico analysis of the relation between conventional and high-power short-duration RF ablation settings and resulting lesion metrics. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1332-1339.	0.8	12
43	Clinical Characteristics and Long-Term Prognosis of Senior Patients With Brugada Syndrome. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 57-67.	1.3	11
44	Demonstration of Persistent Conduction Across the Mitral Isthmus via the Vein of Marshall With High-Density Activation Mapping. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	11
45	Characteristics of macroentrant atrial tachycardias using an anatomical bypass: Pseudo-focal atrial tachycardia case series. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 2451-2461.	0.8	11
46	Is it feasible to offer "targeted ablation"™ of ventricular tachycardia circuits with better understanding of isthmus anatomy and conduction characteristics?. <i>Europace</i> , 2019, 21, i27-i33.	0.7	10
47	Comparison of touch-up ablation rate and pulmonary vein isolation durability between hot balloon and cryoballoon. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1298-1306.	0.8	10
48	Use of high-density activation and voltage mapping in combination with entrainment to delineate gap-related atrial tachycardias post atrial fibrillation ablation. <i>Europace</i> , 2021, 23, 1052-1062.	0.7	9
49	Atrial tachycardia circuits include low voltage area from index atrial fibrillation ablation relationship between RF ablation lesion and AT. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1640-1648.	0.8	9
50	Safety and effectiveness of intracardiac echocardiography in ventricular tachycardia ablation: a nationwide observational study. <i>Heart and Vessels</i> , 2021, 36, 1009-1015.	0.5	6
51	Does Ventricular Tachycardia Ablation Targeting Local Abnormal Ventricular Activity Elimination Reduce Ventricular Fibrillation Incidence?. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e006857.	2.1	5
52	Bipolar radiofrequency catheter ablation between the left ventricular endocardium and great cardiac vein for refractory ventricular premature complexes originating from the left ventricular summit. <i>Journal of Arrhythmia</i> , 2020, 36, 363-366.	0.5	5
53	Ligament of Marshall ablation for persistent atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 782-791.	0.5	5
54	Patient characteristics, procedure details including catheter devices, and complications of catheter ablation for ventricular tachycardia: a nationwide observational study. <i>Journal of Arrhythmia</i> , 2020, 36, 464-470.	0.5	4

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55	Persistent atrial fibrillation ablation in cardiac laminopathy: Electrophysiological findings and clinical outcomes. <i>Heart Rhythm</i> , 2021, 18, 1115-1121.	0.3	4
56	Frontiers in non-invasive cardiac mapping: future implications for arrhythmia treatment. <i>Minerva Cardiology and Angiology</i> , 2017, 66, 75-82.	0.4	4
57	Successful bipolar radiofrequency catheter ablation of ventricular premature complexes arising from the anterolateral papillary muscle of the left ventricle. <i>HeartRhythm Case Reports</i> , 2019, 5, 472-475.	0.2	3
58	Catheter ablation for monomorphic ventricular tachycardia in Brugada syndrome patients: detailed characteristics and long-term follow-up. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 57, 97-103.	0.6	3
59	Recurrent ischemic stroke in patients with atrial fibrillation ablation and prior stroke: A study based on etiological classification. <i>Journal of Arrhythmia</i> , 2020, 36, 95-104.	0.5	3
60	Electrogram fractionation during sinus rhythm occurs in normal voltage atrial tissue in patients with atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2022, 45, 219-228.	0.5	3
61	Usefulness of epicardial impedance evaluation for epicardial mapping and determination of epicardial ablation site for ventricular tachycardia: A pilot study. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 138-145.	0.8	2
62	Larger and deeper ventricular lesions using a novel expandable spherical monopolar irrigated radiofrequency ablation catheter. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1644-1651.	0.8	2
63	Patient characteristics and in-hospital complications of subcutaneous implantable cardioverter-defibrillator for Brugada syndrome in Japan. <i>Journal of Arrhythmia</i> , 2019, 35, 842-847.	0.5	2
64	A novel approach for effective superior vena cava isolation using the CARTO electroanatomical mapping system. <i>Journal of Arrhythmia</i> , 2021, 37, 1295-1302.	0.5	2
65	Treatment strategy and endpoint of catheter ablation for biatrial tachycardia after substrate modification ablation in a low voltage zone of the left atrial anterior wall: Long-term results. <i>Journal of Arrhythmia</i> , 2021, 37, 1007-1014.	0.5	1
66	Isoproterenol-dependent acute reconnection following superior vena cava isolation: Pitfalls of a novel approach using spontaneous conduction block. <i>HeartRhythm Case Reports</i> , 2020, 6, 596-600.	0.2	1
67	Role and Potential Mechanisms of Early Repolarization Pattern in Patients with Vasospastic Angina. <i>Japanese Journal of Electrocardiology</i> , 2017, 37, 144-151.	0.0	0