

Boyoung Joung

List of Publications by Year in descending order

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Version: 2024-02-01

422
papers

11,319
citations

36303

51
h-index

56724

83
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429
all docs

429
docs citations

429
times ranked

11642
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Powered Cardiac Pacemaker Enabled by Flexible Single Crystalline PMN-PT Piezoelectric Energy Harvester. <i>Advanced Materials</i> , 2014, 26, 4880-4887.	21.0	558
2	Self-Powered Real-Time Arterial Pulse Monitoring Using Ultrathin Epidermal Piezoelectric Sensors. <i>Advanced Materials</i> , 2017, 29, 1702308.	21.0	495
3	2021 European Heart Rhythm Association Practical Guide on the Use of Non-Vitamin K Antagonist Oral Anticoagulants in Patients with Atrial Fibrillation. <i>Europace</i> , 2021, 23, 1612-1676.	1.7	494
4	Self-powered deep brain stimulation via a flexible PIMNT energy harvester. <i>Energy and Environmental Science</i> , 2015, 8, 2677-2684.	30.8	207
5	2021 Focused Update Consensus Guidelines of the Asia Pacific Heart Rhythm Society on Stroke Prevention in Atrial Fibrillation: Executive Summary. <i>Thrombosis and Haemostasis</i> , 2022, 122, 020-047.	3.4	192
6	Risk of dementia in stroke-free patients diagnosed with atrial fibrillation: data from a population-based cohort. <i>European Heart Journal</i> , 2019, 40, 2313-2323.	2.2	171
7	Improved Population-Based Clinical Outcomes of Patients with Atrial Fibrillation by Compliance with the Simple ABC (Atrial Fibrillation Better Care) Pathway for Integrated Care Management: A Nationwide Cohort Study. <i>Thrombosis and Haemostasis</i> , 2019, 119, 1695-1703.	3.4	164
8	In Vivo Self-Powered Wireless Transmission Using Biocompatible Flexible Energy Harvesters. <i>Advanced Functional Materials</i> , 2017, 27, 1700341.	14.9	160
9	A Simple Clinical Risk Score (C2HEST) for Predicting Incident Atrial Fibrillation in Asian Subjects. <i>Chest</i> , 2019, 155, 510-518.	0.8	124
10	Comprehensive biocompatibility of nontoxic and high-output flexible energy harvester using lead-free piezoceramic thin film. <i>APL Materials</i> , 2017, 5, .	5.1	121
11	Electroanatomic Remodeling of the Left Stellate Ganglion After Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2012, 59, 954-961.	2.8	119
12	10-year nationwide trends of the incidence, prevalence, and adverse outcomes of non-valvular atrial fibrillation nationwide health insurance data covering the entire Korean population. <i>American Heart Journal</i> , 2018, 202, 20-26.	2.7	112
13	Clinical implication of an impaired fasting glucose and prehypertension related to new onset atrial fibrillation in a healthy Asian population without underlying disease: a nationwide cohort study in Korea. <i>European Heart Journal</i> , 2017, 38, 2599-2607.	2.2	108
14	2018 Korean Guideline of Atrial Fibrillation Management. <i>Korean Circulation Journal</i> , 2018, 48, 1033.	1.9	108
15	The Electrical Isolation of the Left Atrial Posterior Wall in Catheter Ablation of Persistent Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 1253-1261.	3.2	108
16	New-onset atrial fibrillation predicts long-term newly developed atrial fibrillation after coronary artery bypass graft. <i>American Heart Journal</i> , 2014, 167, 593-600.e1.	2.7	106
17	High left atrial pressures are associated with advanced electroanatomical remodeling of left atrium and independent predictors for clinical recurrence of atrial fibrillation after catheter ablation. <i>Heart Rhythm</i> , 2014, 11, 953-960.	0.7	105
18	Cardiac-specific delivery by cardiac tissue-targeting peptide-expressing exosomes. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 803-808.	2.1	101

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19	Ideal Blood Pressure in Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2018, 72, 1233-1245.	2.8	101
20	Increasing trends in hospital care burden of atrial fibrillation in Korea, 2006 through 2015. <i>Heart</i> , 2018, 104, 2010-2017.	2.9	100
21	Power spectral analysis of heart rate variability and autonomic nervous system activity measured directly in healthy dogs and dogs with tachycardia-induced heart failure. <i>Heart Rhythm</i> , 2009, 6, 546-552.	0.7	99
22	Autonomic Nervous System Activity Measured Directly and QT Interval Variability in Normal and Pacing-Induced Tachycardia Heart Failure Dogs. <i>Journal of the American College of Cardiology</i> , 2009, 54, 840-850.	2.8	97
23	Dynamic Changes of CHA2DS2-VASc Score and the Risk of Ischaemic Stroke in Asian Patients with Atrial Fibrillation: A Nationwide Cohort Study. <i>Thrombosis and Haemostasis</i> , 2018, 118, 1296-1304.	3.4	97
24	Impact of Increased Orifice Size and Decreased Flow Velocity of Left Atrial Appendage on Stroke in Nonvalvular Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2014, 113, 963-969.	1.6	94
25	Cost-Effectiveness of Rivaroxaban Compared to Warfarin for Stroke Prevention in Atrial Fibrillation. <i>Korean Circulation Journal</i> , 2019, 49, 252.	1.9	94
26	Intracellular Calcium Dynamics and Acceleration of Sinus Rhythm by β^2 -Adrenergic Stimulation. <i>Circulation</i> , 2009, 119, 788-796.	1.6	93
27	CHA ₂ DS ₂ -VASc Score (Congestive Heart Failure, Hypertension, Age ≥ 75)	2.0	92
28	Genesis of Phase 3 Early Afterdepolarizations and Triggered Activity in Acquired Long-QT Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011, 4, 103-111.	4.8	86
29	Effect of hypertension duration and blood pressure level on ischaemic stroke risk in atrial fibrillation: nationwide data covering the entire Korean population. <i>European Heart Journal</i> , 2019, 40, 809-819.	2.2	80
30	Diastolic Intracellular Calcium-Membrane Voltage Coupling Gain and Postshock Arrhythmias. <i>Circulation Research</i> , 2010, 106, 399-408.	4.5	78
31	CHA ₂ HEST Score and Prediction of Incident Atrial Fibrillation in Poststroke Patients: A French Nationwide Study. <i>Journal of the American Heart Association</i> , 2019, 8, e012546.	3.7	78
32	Why Is Left Atrial Appendage Morphology Related to Strokes? An Analysis of the Flow Velocity and Orifice Size of the Left Atrial Appendage. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 922-927.	1.7	77
33	Less dementia after catheter ablation for atrial fibrillation: a nationwide cohort study. <i>European Heart Journal</i> , 2020, 41, 4483-4493.	2.2	77
34	Associations of Abdominal Obesity and New-Onset Atrial Fibrillation in the General Population. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	76
35	The Trends of Atrial Fibrillation-Related Hospital Visit and Cost, Treatment Pattern and Mortality in Korea: 10-Year Nationwide Sample Cohort Data. <i>Korean Circulation Journal</i> , 2017, 47, 56.	1.9	75
36	European Heart Rhythm Association (EHRA) consensus document on management of arrhythmias and cardiac electronic devices in the critically ill and post-surgery patient, endorsed by Heart Rhythm Society (HRS), Asia Pacific Heart Rhythm Society (APHRS), Cardiac Arrhythmia Society of Southern Africa (CASSA), and Latin American Heart Rhythm Society (LAHRS). <i>Europace</i> , 2019, 21, 7-8.	1.7	72

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37	CHA ₂ DS ₂ -VAsC Score for Identifying Truly Low-Risk Atrial Fibrillation for Stroke. <i>Stroke</i> , 2017, 48, 2984-2990.	2.0	71
38	Atrial Fibrillation Catheter Ablation Improves 1-Year Follow-Up Cognitive Function, Especially in Patients With Impaired Cognitive Function. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007197.	4.8	66
39	Electrophysiological characteristics of the Marshall bundle in humans. <i>Heart Rhythm</i> , 2010, 7, 786-793.	0.7	65
40	Atrial Fibrillation and Dementia: A Report From the AF-SCREEN International Collaboration. <i>Circulation</i> , 2022, 145, 392-409.	1.6	65
41	Treatment timing and the effects of rhythm control strategy in patients with atrial fibrillation: nationwide cohort study. <i>BMJ, The</i> , 2021, 373, n991.	6.0	64
42	Does additional linear ablation after circumferential pulmonary vein isolation improve clinical outcome in patients with paroxysmal atrial fibrillation? Prospective randomised study. <i>Heart</i> , 2012, 98, 480-484.	2.9	63
43	Left atrial strain as predictor of successful outcomes in catheter ablation for atrial fibrillation: a two-dimensional myocardial imaging study. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2009, 26, 127-132.	1.3	62
44	Low P-wave amplitude ($\leq 0.1\text{ mV}$) in lead I is associated with displaced inter-atrial conduction and clinical recurrence of paroxysmal atrial fibrillation after radiofrequency catheter ablation. <i>Europace</i> , 2016, 18, 384-391.	1.7	62
45	Korean atrial fibrillation network genome-wide association study for early-onset atrial fibrillation identifies novel susceptibility loci. <i>European Heart Journal</i> , 2017, 38, 2586-2594.	2.2	59
46	Extracellular Vesicles Derived from Hypoxic Human Mesenchymal Stem Cells Attenuate GSK3 β Expression via miRNA-26a in an Ischemia-Reperfusion Injury Model. <i>Yonsei Medical Journal</i> , 2018, 59, 736.	2.2	59
47	Label Adherence of Direct Oral Anticoagulants Dosing and Clinical Outcomes in Patients With Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2020, 9, e014177.	3.7	58
48	Particulate air pollution induces arrhythmia via oxidative stress and calcium calmodulin kinase II activation. <i>Toxicology and Applied Pharmacology</i> , 2012, 259, 66-73.	2.8	57
49	Pericardial fat volume is associated with clinical recurrence after catheter ablation for persistent atrial fibrillation, but not paroxysmal atrial fibrillation: An analysis of over 600-patients. <i>International Journal of Cardiology</i> , 2014, 176, 841-846.	1.7	56
50	Korean Atrial Fibrillation (AF) Network: Genetic Variants for AF Do Not Predict Ablation Success. <i>Journal of the American Heart Association</i> , 2015, 4, e002046.	3.7	56
51	Label Adherence for Non-Vitamin K Antagonist Oral Anticoagulants in a Prospective Cohort of Asian Patients with Atrial Fibrillation. <i>Yonsei Medical Journal</i> , 2019, 60, 277.	2.2	56
52	Effectiveness and Safety of Non-Vitamin K Antagonist Oral Anticoagulants in Patients With Atrial Fibrillation With Hypertrophic Cardiomyopathy. <i>Chest</i> , 2019, 155, 354-363.	0.8	56
53	High Plasma Concentrations of Transforming Growth Factor- β and Tissue Inhibitor of Metalloproteinase-1 - Potential Non-Invasive Predictors for Electroanatomical Remodeling of Atrium in Patients With Non-Valvular Atrial Fibrillation -. <i>Circulation Journal</i> , 2011, 75, 557-564.	1.6	55
54	The electroanatomical remodelling of the left atrium is related to CHADS ₂ /CHA ₂ DS ₂ -VASc score and events of stroke in patients with atrial fibrillation. <i>Europace</i> , 2011, 13, 1541-1549.	1.7	51

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55	Physical Activity and Risk of Atrial Fibrillation: A Nationwide Cohort Study in General Population. <i>Scientific Reports</i> , 2019, 9, 13270.	3.3	51
56	Antiarrhythmic Potential of Mesenchymal Stem Cell Is Modulated by Hypoxic Environment. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1698-1706.	2.8	50
57	Mapping Cardiac Pacemaker Circuits. <i>Circulation Research</i> , 2010, 106, 255-271.	4.5	49
58	Pulmonary vein reconnection predicts good clinical outcome after second catheter ablation for atrial fibrillation. <i>Europace</i> , 2016, 19, euw128.	1.7	49
59	Long-term exposure of fine particulate matter air pollution and incident atrial fibrillation in the general population: A nationwide cohort study. <i>International Journal of Cardiology</i> , 2019, 283, 178-183.	1.7	49
60	Non-vitamin K antagonist oral anticoagulants have better efficacy and equivalent safety compared to warfarin in elderly patients with atrial fibrillation: A systematic review and meta-analysis. <i>Journal of Cardiology</i> , 2018, 72, 105-112.	1.9	47
61	Long-term Changes in Heart Rate Variability After Radiofrequency Catheter Ablation for Atrial Fibrillation: 1-Year Follow-up Study with Irrigation Tip Catheter. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 693-700.	1.7	46
62	Inflammatory and vasoactive factors in the aspirate from the culprit coronary artery of patients with acute myocardial infarction. <i>International Journal of Cardiology</i> , 2006, 112, 66-71.	1.7	43
63	Prolonged PR Interval Predicts Clinical Recurrence of Atrial Fibrillation After Catheter Ablation. <i>Journal of the American Heart Association</i> , 2014, 3, e001277.	3.7	43
64	Impact of atrial fibrillation on the clinical course of apical hypertrophic cardiomyopathy. <i>Heart</i> , 2017, 103, 1496-1501.	2.9	43
65	Atrial fibrillation and the risk of myocardial infarction: a nation-wide propensity-matched study. <i>Scientific Reports</i> , 2017, 7, 12716.	3.3	43
66	The optimal drug adherence to maximize the efficacy and safety of non-vitamin K antagonist oral anticoagulant in real-world atrial fibrillation patients. <i>Europace</i> , 2020, 22, 547-557.	1.7	43
67	Impact of Renal Function on Outcomes With Edoxaban in Real-World Patients With Atrial Fibrillation. <i>Stroke</i> , 2018, 49, 2421-2429.	2.0	42
68	The Initiation of the Heart Beat. <i>Circulation Journal</i> , 2010, 74, 221-225.	1.6	41
69	Effect of Non-vitamin K Antagonist Oral Anticoagulants in Atrial Fibrillation Patients with Newly Diagnosed Cancer. <i>Korean Circulation Journal</i> , 2018, 48, 406.	1.9	41
70	Body Mass Index Variability and Long-term Risk of New-Onset Atrial Fibrillation in the General Population: A Korean Nationwide Cohort Study. <i>Mayo Clinic Proceedings</i> , 2019, 94, 225-235.	3.0	41
71	Co-delivery of curcumin and miRNA-144-3p using heart-targeted extracellular vesicles enhances the therapeutic efficacy for myocardial infarction. <i>Journal of Controlled Release</i> , 2021, 331, 62-73.	9.9	41
72	Linear ablation in addition to circumferential pulmonary vein isolation (Dallas lesion set) does not improve clinical outcome in patients with paroxysmal atrial fibrillation: a prospective randomized study. <i>Europace</i> , 2015, 17, 388-395.	1.7	40

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73	Challenging Achievement of Bidirectional Block After Linear Ablation Affects the Rhythm Outcome in Patients With Persistent Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	40
74	Additional value of left atrial appendage geometry and hemodynamics when considering anticoagulation strategy in patients with atrial fibrillation with low CHA ₂ DS ₂ -VASc scores. <i>Heart Rhythm</i> , 2017, 14, 1297-1301.	0.7	40
75	Expression of miRNAs in circulating exosomes derived from patients with persistent atrial fibrillation. <i>FASEB Journal</i> , 2019, 33, 5979-5989.	0.5	40
76	Mechanisms of sinoatrial node dysfunction in a canine model of pacing-induced atrial fibrillation. <i>Heart Rhythm</i> , 2010, 7, 88-95.	0.7	39
77	Early repolarization pattern predicts cardiac death and fatal arrhythmia in patients with vasospastic angina. <i>International Journal of Cardiology</i> , 2013, 167, 1181-1187.	1.7	39
78	Circadian and Seasonal Variations of Ventricular Tachyarrhythmias in Patients with Early Repolarization Syndrome and Brugada Syndrome: Analysis of Patients with Implantable Cardioverter Defibrillator. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 757-763.	1.7	38
79	2021 Focused update of the 2017 consensus guidelines of the Asia Pacific Heart Rhythm Society (APHRS) on stroke prevention in atrial fibrillation. <i>Journal of Arrhythmia</i> , 2021, 37, 1389-1426.	1.2	38
80	The safety and efficacy of vitamin K antagonist in patients with atrial fibrillation and liver cirrhosis. <i>International Journal of Cardiology</i> , 2015, 180, 185-191.	1.7	37
81	A Prospective Survey of Atrial Fibrillation Management for Real-world Guideline Adherence: COmparison study of Drugs for symptom control and complication prEvention of Atrial Fibrillation (CODE-AF) Registry. <i>Korean Circulation Journal</i> , 2017, 47, 877.	1.9	37
82	Hypertrophic Cardiomyopathy in Patients with Atrial Fibrillation: Prevalence and Associated Stroke Risks in a Nationwide Cohort Study. <i>Thrombosis and Haemostasis</i> , 2019, 119, 285-293.	3.4	37
83	Pediatric Radiofrequency Catheter Ablation Sedation Methods and Success, Complication and Recurrence Rates. <i>Circulation Journal</i> , 2006, 70, 278-284.	1.6	36
84	Bleeding risk and major adverse events in patients with cancer on oral anticoagulation therapy. <i>International Journal of Cardiology</i> , 2016, 203, 372-378.	1.7	36
85	Pulmonary Vein Isolation Alone Versus Additional Linear Ablation in Patients With Persistent Atrial Fibrillation Converted to Paroxysmal Type With Antiarrhythmic Drug Therapy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	36
86	The Korean Heart Rhythm Society's 2014 Statement on Antithrombotic Therapy for Patients with Nonvalvular Atrial Fibrillation: Korean Heart Rhythm Society. <i>Korean Circulation Journal</i> , 2015, 45, 9.	1.9	34
87	Association of anticoagulant therapy with risk of dementia among patients with atrial fibrillation. <i>Europace</i> , 2021, 23, 184-195.	1.7	34
88	Relation of inflammation and left atrial remodeling in atrial fibrillation occurring in early phase of acute myocardial infarction. <i>International Journal of Cardiology</i> , 2011, 146, 28-31.	1.7	33
89	Long duration of radiofrequency energy delivery is an independent predictor of clinical recurrence after catheter ablation of atrial fibrillation: Over 500 cases experience. <i>International Journal of Cardiology</i> , 2013, 167, 2667-2672.	1.7	33
90	Anticoagulation therapy in atrial fibrillation after intracranial hemorrhage. <i>Heart Rhythm</i> , 2016, 13, 1794-1802.	0.7	33

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91	Age Threshold for Ischemic Stroke Risk in Atrial Fibrillation. <i>Stroke</i> , 2018, 49, 1872-1879.	2.0	33
92	Five-Year Change in the Renal Function After Catheter Ablation of Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2019, 8, e013204.	3.7	33
93	Left Ventricular Diastolic Function Is Closely Associated With Mechanical Function of the Left Atrium in Patients With Paroxysmal Atrial Fibrillation. <i>Circulation Journal</i> , 2013, 77, 697-704.	1.6	32
94	Human peripheral blood-derived exosomes for microRNA delivery. <i>International Journal of Molecular Medicine</i> , 2019, 43, 2319-2328.	4.0	32
95	Abnormal Response of Superior Sinoatrial Node to Sympathetic Stimulation Is a Characteristic Finding in Patients With Atrial Fibrillation and Symptomatic Bradycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011, 4, 799-807.	4.8	31
96	Blood Pressure Control and Dementia Risk in Midlife Patients With Atrial Fibrillation. <i>Hypertension</i> , 2020, 75, 1296-1304.	2.7	31
97	Risk Factor Management for Atrial Fibrillation. <i>Korean Circulation Journal</i> , 2019, 49, 794.	1.9	31
98	Left ventricular diastolic dysfunction is associated with atrial remodeling and risk or presence of stroke in patients with paroxysmal atrial fibrillation. <i>Journal of Cardiology</i> , 2016, 68, 104-109.	1.9	30
99	Virtual In-Silico Modeling Guided Catheter Ablation Predicts Effective Linear Ablation Lesion Set for Longstanding Persistent Atrial Fibrillation: Multicenter Prospective Randomized Study. <i>Frontiers in Physiology</i> , 2017, 8, 792.	2.8	30
100	Incremental predictive value of pre-procedural N-terminal pro-B-type natriuretic peptide for short-term recurrence in atrial fibrillation ablation. <i>Clinical Research in Cardiology</i> , 2009, 98, 213-218.	3.3	29
101	Risks and Benefits of an Open Irrigation Tip Catheter in Intensive Radiofrequency Catheter Ablation in Patients With Non-Paroxysmal Atrial Fibrillation. <i>Circulation Journal</i> , 2010, 74, 644-649.	1.6	29
102	Right Atrial Anatomical Remodeling Affects Early Outcomes of Nonvalvular Atrial Fibrillation After Radiofrequency Ablation. <i>Circulation Journal</i> , 2012, 76, 860-867.	1.6	29
103	Additional linear ablation from the superior vena cava to right atrial septum after pulmonary vein isolation improves the clinical outcome in patients with paroxysmal atrial fibrillation: prospective randomized study. <i>Europace</i> , 2014, 16, 1738-1745.	1.7	29
104	Prevalence, risk, and benefits of radiofrequency catheter ablation at the aortic cusp for the treatment of mid to anteroseptal supra-ventricular tachyarrhythmias. <i>International Journal of Cardiology</i> , 2013, 167, 981-986.	1.7	28
105	Multiple factors influence the morphology of the bipolar electrogram: An in silico modeling study. <i>PLoS Computational Biology</i> , 2019, 15, e1006765.	3.2	28
106	When is it appropriate to stop non-vitamin K antagonist oral anticoagulants before catheter ablation of atrial fibrillation? A multicentre prospective randomized study. <i>European Heart Journal</i> , 2019, 40, 1531-1537.	2.2	28
107	Effectiveness of atrial fibrillation rotor ablation is dependent on conduction velocity: An in-silico 3-dimensional modeling study. <i>PLoS ONE</i> , 2017, 12, e0190398.	2.5	28
108	Prognostic implications of fragmented QRS and its relationship with delayed contrast-enhanced cardiovascular magnetic resonance imaging in patients with non-ischemic dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2013, 167, 1417-1422.	1.7	27

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109	Effect of a Single Bolus Injection of Low-Dose Hydrocortisone for Prevention of Atrial Fibrillation Recurrence After Radiofrequency Catheter Ablation. <i>Circulation Journal</i> , 2013, 77, 53-59.	1.6	27
110	Atrial Fibrillation Catheter Ablation Increases the Left Atrial Pressure. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007073.	4.8	27
111	The Contribution of Ionic Currents to Rate-Dependent Action Potential Duration and Pattern of Reentry in a Mathematical Model of Human Atrial Fibrillation. <i>PLoS ONE</i> , 2016, 11, e0150779.	2.5	27
112	Low Left Atrial Compliance Contributes to the Clinical Recurrence of Atrial Fibrillation after Catheter Ablation in Patients with Structurally and Functionally Normal Heart. <i>PLoS ONE</i> , 2015, 10, e0143853.	2.5	26
113	Pattern of late gadolinium enhancement predicts arrhythmic events in patients with non-ischemic cardiomyopathy. <i>International Journal of Cardiology</i> , 2016, 222, 9-15.	1.7	26
114	Clinical Significance of Hematuria in Atrial Fibrillation With Oral Anticoagulation Therapy. <i>Circulation Journal</i> , 2017, 81, 158-164.	1.6	26
115	Prognostic implications of late gadolinium enhancement at the right ventricular insertion point in patients with non-ischemic dilated cardiomyopathy: A multicenter retrospective cohort study. <i>PLoS ONE</i> , 2018, 13, e0208100.	2.5	26
116	Serum Levels of Advanced Glycation End Products Are Associated with In-Stent Restenosis in Diabetic Patients. <i>Yonsei Medical Journal</i> , 2005, 46, 78.	2.2	25
117	Increased Phosphorylation of Ca ²⁺ Handling Proteins as a Proarrhythmic Mechanism in Myocarditis. <i>Circulation Journal</i> , 2014, 78, 2292-2301.	1.6	25
118	Comparison of Two Different Doses of Single Bolus Steroid Injection to Prevent Atrial Fibrillation Recurrence after Radiofrequency Catheter Ablation. <i>Yonsei Medical Journal</i> , 2015, 56, 324.	2.2	25
119	Advanced Left Atrial Remodeling and Appendage Contractile Dysfunction in Women Than in Men Among the Patients With Atrial Fibrillation: Potential Mechanism for Stroke. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	25
120	Prognosis of high sinus heart rate after catheter ablation for atrial fibrillation. <i>Europace</i> , 2016, 19, euw142.	1.7	25
121	Does Additional Electrogram-Guided Ablation After Linear Ablation Reduce Recurrence After Catheter Ablation for Longstanding Persistent Atrial Fibrillation? A Prospective Randomized Study. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	25
122	Catheter Ablation Improves Mortality and Other Outcomes in Real-World Patients With Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2020, 9, e015740.	3.7	25
123	Application of the simple atrial fibrillation better care pathway for integrated care management in frail patients with atrial fibrillation: A nationwide cohort study. <i>Journal of Arrhythmia</i> , 2020, 36, 668-677.	1.2	25
124	The Effect of Integrated Care Management on Dementia in Atrial Fibrillation. <i>Journal of Clinical Medicine</i> , 2020, 9, 1696.	2.4	25
125	Poor Rhythm Outcome of Catheter Ablation for Early-Onset Atrial Fibrillation in Women—Mechanistic Insight. <i>Circulation Journal</i> , 2018, 82, 2259-2268.	1.6	24
126	Association of Physical Activity Level With Risk of Dementia in a Nationwide Cohort in Korea. <i>JAMA Network Open</i> , 2021, 4, e2138526.	5.9	24

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127	Can magnetocardiography detect patients with non-ST-segment elevation myocardial infarction?. <i>Annals of Medicine</i> , 2007, 39, 617-627.	3.8	23
128	Incidence of and risk factors for infectious complications in patients with cardiac device implantation. <i>International Journal of Infectious Diseases</i> , 2015, 36, 9-14.	3.3	23
129	Prevalence and the clinical outcome of atrial fibrillation in patients with Autoimmune Rheumatic Disease. <i>International Journal of Cardiology</i> , 2016, 214, 4-9.	1.7	23
130	Feasibility of Left Atrial Appendage Occlusion for Left Atrial Appendage Thrombus in Patients With Persistent Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2018, 121, 1534-1539.	1.6	23
131	Mechanisms of Long-Term Recurrence 3 Years After Catheter Ablation of Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 999-1007.	3.2	23
132	Improved cardiac-specific delivery of RAGE siRNA within small extracellular vesicles engineered to express intense cardiac targeting peptide attenuates myocarditis. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 1024-1032.	5.1	23
133	The Calcium and Voltage Clocks in Sinoatrial Node Automaticity. <i>Korean Circulation Journal</i> , 2009, 39, 217.	1.9	22
134	Calcium Dynamics and the Mechanisms of Atrioventricular Junctional Rhythm. <i>Journal of the American College of Cardiology</i> , 2010, 56, 805-812.	2.8	22
135	The Role of the Calcium and the Voltage Clocks in Sinoatrial Node Dysfunction. <i>Yonsei Medical Journal</i> , 2011, 52, 211.	2.2	22
136	Long-term fine particulate matter exposure and cardiovascular mortality in the general population: a nationwide cohort study. <i>Journal of Cardiology</i> , 2020, 75, 549-558.	1.9	22
137	Electrical Posterior Box Isolation in Persistent Atrial Fibrillation Changed to Paroxysmal Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008531.	4.8	22
138	Significant Reduction of Atrial Defibrillation Threshold and Inducibility by Catheter Ablation of Atrial Fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012, 35, 1428-1435.	1.2	21
139	Fate of Preoperative Atrial Fibrillation After Correction of Atrial Septal Defect. <i>Circulation Journal</i> , 2013, 77, 109-115.	1.6	21
140	A New Efficient Method for Detecting Phase Singularity in Cardiac Fibrillation. <i>PLoS ONE</i> , 2016, 11, e0167567.	2.5	21
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