

Boyoung Joung

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

407
papers

6,998
citations

40
h-index

66
g-index

429
ext. papers

9,219
ext. citations

4.2
avg, IF

6.03
L-index

#	Paper	IF	Citations
407	Self-powered cardiac pacemaker enabled by flexible single crystalline PMN-PT piezoelectric energy harvester. <i>Advanced Materials</i> , 2014 , 26, 4880-7	24	445
406	Self-Powered Real-Time Arterial Pulse Monitoring Using Ultrathin Epidermal Piezoelectric Sensors. <i>Advanced Materials</i> , 2017 , 29, 1702308	24	308
405	Self-powered deep brain stimulation via a flexible PIMNT energy harvester. <i>Energy and Environmental Science</i> , 2015 , 8, 2677-2684	35.4	156
404	In Vivo Self-Powered Wireless Transmission Using Biocompatible Flexible Energy Harvesters. <i>Advanced Functional Materials</i> , 2017 , 27, 1700341	15.6	107
403	Comprehensive biocompatibility of nontoxic and high-output flexible energy harvester using lead-free piezoceramic thin film. <i>APL Materials</i> , 2017 , 5, 074102	5.7	105
402	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	3.9	99
401	Electroanatomic remodeling of the left stellate ganglion after myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 954-61	15.1	92
400	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	9.5	89
399	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	7	85
398	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, 840-50	15.1	85
397	Intracellular calcium dynamics and acceleration of sinus rhythm by beta-adrenergic stimulation. <i>Circulation</i> , 2009 , 119, 788-96	16.7	81
396	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, 546-52	6.7	81
395	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	9.5	77
394	CHADS-VASc Score (Congestive Heart Failure, Hypertension, Age \geq 75 [Doubled], Diabetes Mellitus, Prior Stroke or Transient Ischemic Attack [Doubled], Vascular Disease, Age 65-74, Female) for Stroke in Asian Patients With Atrial Fibrillation: A Korean Nationwide Sample Cohort Study. <i>Stroke</i> , 2017 , 48, 1524-1530	6.7	76
393	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	7	76
392	Genesis of phase 3 early afterdepolarizations and triggered activity in acquired long-QT syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011 , 4, 103-11	6.4	75
391	Diastolic intracellular calcium-membrane voltage coupling gain and postshock arrhythmias: role of purkinje fibers and triggered activity. <i>Circulation Research</i> , 2010 , 106, 399-408	15.7	72

390	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	4.9	71
389	Increasing trends in hospital care burden of atrial fibrillation in Korea, 2006 through 2015. <i>Heart</i> , 2018 , 104, 2010-2017	5.1	69
388	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, 953-60	6.7	69
387	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, 963-9	3	69
386	2018 Korean Guideline of Atrial Fibrillation Management. <i>Korean Circulation Journal</i> , 2018 , 48, 1033-1080.2		68
385	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	4.9	65
384	A Simple Clinical Risk Score (CHEST) for Predicting Incident Atrial Fibrillation in Asian Subjects: Derivation in 471,446 Chinese Subjects, With Internal Validation and External Application in 451,199 Korean Subjects. <i>Chest</i> , 2019 , 155, 510-518	5.3	64
383	Ideal Blood Pressure in Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 1233-1245	15.1	63
382	Cardiac-specific delivery by cardiac tissue-targeting peptide-expressing exosomes. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 499, 803-808	3.4	62
381	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, 56-64	2.2	59
380	CHADS-VASc Score for Identifying Truly Low-Risk Atrial Fibrillation for Stroke: A Korean Nationwide Cohort Study. <i>Stroke</i> , 2017 , 48, 2984-2990	6.7	56
379	Associations of Abdominal Obesity and New-Onset Atrial Fibrillation in the General Population. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	55
378	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	9.5	51
377	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	4.6	50
376	Electrophysiological characteristics of the Marshall bundle in humans. <i>Heart Rhythm</i> , 2010 , 7, 786-93	6.7	50
375	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 the American Heart Rhythm Society (AHRS). <i>Europace</i> , 2019 , 21, 7-8	3.9	48
374	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, 557-64	2.9	47
373	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, 480-4	5.1	47

372	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, 127-32	2.4	46
371	Particulate air pollution induces arrhythmia via oxidative stress and calcium calmodulin kinase II activation. <i>Toxicology and Applied Pharmacology</i> , 2012 , 259, 66-73	4.6	44
370	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	2.7	44
369	CHEST 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	6	42
368	The electroanatomical remodelling of the left atrium is related to CHADS2/CHA2DS2VASc score and events of stroke in patients with atrial fibrillation. <i>Europace</i> , 2011 , 13, 1541-9	3.9	41
367	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	9.5	40
366	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	6.4	40
365	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	6	39
364	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, 736-745	3	39
363	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, 841-6	3.2	39
362	Antiarrhythmic potential of mesenchymal stem cell is modulated by hypoxic environment. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1698-706	15.1	39
361	Effectiveness and Safety of Non-Vitamin K Antagonist Oral Anticoagulants in Patients With Atrial Fibrillation With Hypertrophic Cardiomyopathy: A Nationwide Cohort Study. <i>Chest</i> , 2019 , 155, 354-363	5.3	39
360	Low P-wave amplitude (. <i>Europace</i> , 2016 , 18, 384-91	3.9	38
359	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, 277-284	3	38
358	Mapping cardiac pacemaker circuits: methodological puzzles of the sinoatrial node optical mapping. <i>Circulation Research</i> , 2010 , 106, 255-71	15.7	37
357	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	3.2	37
356	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	3	35
355	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, 757-63	2.7	35

354	Pulmonary vein reconnection predicts good clinical outcome after second catheter ablation for atrial fibrillation. <i>Europace</i> , 2017 , 19, 961-967	3.9	34
353	Atrial fibrillation and the risk of myocardial infarction: a nation-wide propensity-matched study. <i>Scientific Reports</i> , 2017 , 7, 12716	4.9	33
352	Early repolarization pattern predicts cardiac death and fatal arrhythmia in patients with vasospastic angina. <i>International Journal of Cardiology</i> , 2013 , 167, 1181-7	3.2	33
351	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, 9-19	2.2	33
350	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	2.7	32
349	Mechanisms of sinoatrial node dysfunction in a canine model of pacing-induced atrial fibrillation. <i>Heart Rhythm</i> , 2010 , 7, 88-95	6.7	31
348	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	6	30
347	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	3.2	30
346	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,	6	30
345	Prolonged PR interval predicts clinical recurrence of atrial fibrillation after catheter ablation. <i>Journal of the American Heart Association</i> , 2014 , 3, e001277	6	29
344	The initiation of the heart beat. <i>Circulation Journal</i> , 2010 , 74, 221-5	2.9	29
343	Pediatric radiofrequency catheter ablation: sedation methods and success, complication and recurrence rates. <i>Circulation Journal</i> , 2006 , 70, 278-84	2.9	29
342	Impact of atrial fibrillation on the clinical course of apical hypertrophic cardiomyopathy. <i>Heart</i> , 2017 , 103, 1496-1501	5.1	28
341	The safety and efficacy of vitamin K antagonist in patients with atrial fibrillation and liver cirrhosis. <i>International Journal of Cardiology</i> , 2015 , 180, 185-91	3.2	28
340	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, 2667-72	3.2	28
339	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	3.2	28
338	Impact of Renal Function on Outcomes With Edoxaban in Real-World Patients With Atrial Fibrillation. <i>Stroke</i> , 2018 , 49, 2421-2429	6.7	28
337	Bleeding risk and major adverse events in patients with cancer on oral anticoagulation therapy. <i>International Journal of Cardiology</i> , 2016 , 203, 372-8	3.2	27

336	Less dementia after catheter ablation for atrial fibrillation: a nationwide cohort study. <i>European Heart Journal</i> , 2020 , 41, 4483-4493	9.5	27
335	Expression of miRNAs in circulating exosomes derived from patients with persistent atrial fibrillation. <i>FASEB Journal</i> , 2019 , 33, 5979-5989	0.9	27
334	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	7	26
333	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, 388-95	3.9	26
332	Effect of Non-vitamin K Antagonist Oral Anticoagulants in Atrial Fibrillation Patients with Newly Diagnosed Cancer. <i>Korean Circulation Journal</i> , 2018 , 48, 406-417	2.2	26
331	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	2.9	26
330	Physical Activity and Risk of Atrial Fibrillation: A Nationwide Cohort Study in General Population. <i>Scientific Reports</i> , 2019 , 9, 13270	4.9	25
329	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, 981-6	3.2	25
328	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, 877-887	2.2	25
327	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, 644-9	2.9	25
326	Additional value of left atrial appendage geometry and hemodynamics when considering anticoagulation strategy in patients with atrial fibrillation with low CHADS-VASc scores. <i>Heart Rhythm</i> , 2017 , 14, 1297-1301	6.7	24
325	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, 213-8	6.1	24
324	Pulmonary Vein Isolation Alone Versus Additional Linear Ablation in Patients With Persistent Atrial Fibrillation Converted to Paroxysmal Type With Antiarrhythmic Drug Therapy: A Multicenter, Prospective, Randomized Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017 , 10,	6.4	23
323	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, 104-9	3	23
322	Increased phosphorylation of Ca(2+) handling proteins as a proarrhythmic mechanism in myocarditis. <i>Circulation Journal</i> , 2014 , 78, 2292-301	2.9	23
321	Virtual 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	4.6	23
320	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	3.9	23
319	Five-Year Change in the Renal Function After Catheter Ablation of Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2019 , 8, e013204	6	22

318	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, 1417-22	3.2	22
317	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, 1738-45	3.9	22
316	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	6.4	22
315	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	3.7	21
314	Serum levels of advanced glycation end products are associated with in-stent restenosis in diabetic patients. <i>Yonsei Medical Journal</i> , 2005 , 46, 78-85	3	21
313	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	6.4	20
312	Human peripheral blood-derived exosomes for microRNA delivery. <i>International Journal of Molecular Medicine</i> , 2019 , 43, 2319-2328	4.4	20
311	Clinical Significance of Hematuria in Atrial Fibrillation With Oral Anticoagulation Therapy. <i>Circulation Journal</i> , 2017 , 81, 158-164	2.9	20
310	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, 324-31	3	20
309	Right atrial anatomical remodeling affects early outcomes of nonvalvular atrial fibrillation after radiofrequency ablation. <i>Circulation Journal</i> , 2012 , 76, 860-7	2.9	20
308	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, 53-9	2.9	20
307	Calcium dynamics and the mechanisms of atrioventricular junctional rhythm. <i>Journal of the American College of Cardiology</i> , 2010 , 56, 805-12	15.1	20
306	The calcium and voltage clocks in sinoatrial node automaticity. <i>Korean Circulation Journal</i> , 2009 , 39, 217-22		20
305	Anticoagulation therapy in atrial fibrillation after intracranial hemorrhage. <i>Heart Rhythm</i> , 2016 , 13, 1794-802	4.7	19
304	Age Threshold for Ischemic Stroke Risk in Atrial Fibrillation. <i>Stroke</i> , 2018 , 49, 1872-1879	6.7	19
303	Can magnetocardiography detect patients with non-ST-segment elevation myocardial infarction?. <i>Annals of Medicine</i> , 2007 , 39, 617-27	1.5	19
302	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	3.7	19
301	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,	6	19

300	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	9.5	19
299	Risk Factor Management for Atrial Fibrillation. <i>Korean Circulation Journal</i> , 2019 , 49, 794-807	2.2	18
298	Atrial Fibrillation Catheter Ablation Increases the Left Atrial Pressure. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019 , 12, e007073	6.4	17
297	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	3	17
296	Prognosis of high sinus heart rate after catheter ablation for atrial fibrillation. <i>Europace</i> , 2017 , 19, 1132-1139	3.9	17
295	Relation of Chronic Obstructive Pulmonary Disease to Cardiovascular Disease in the General Population. <i>American Journal of Cardiology</i> , 2017 , 120, 1399-1404	3	17
294	Complex fractionated atrial electrograms related to left atrial wall thickness. <i>Journal of Cardiovascular Electrophysiology</i> , 2014 , 25, 1141-9	2.7	17
293	Significant reduction of atrial defibrillation threshold and inducibility by catheter ablation of atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012 , 35, 1428-35	1.6	17
292	The role of the calcium and the voltage clocks in sinoatrial node dysfunction. <i>Yonsei Medical Journal</i> , 2011 , 52, 211-9	3	17
291	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	3.7	17
290	Pattern of late gadolinium enhancement predicts arrhythmic events in patients with non-ischemic cardiomyopathy. <i>International Journal of Cardiology</i> , 2016 , 222, 9-15	3.2	17
289	High plasma level of soluble RAGE is independently associated with a low recurrence of atrial fibrillation after catheter ablation in diabetic patient. <i>Europace</i> , 2016 , 18, 1711-1718	3.9	16
288	Poor Rhythm Outcome of Catheter Ablation for Early-Onset Atrial Fibrillation in Women - Mechanistic Insight. <i>Circulation Journal</i> , 2018 , 82, 2259-2268	2.9	16
287	Intracellular calcium dynamics, shortened action potential duration, and late-phase 3 early afterdepolarization in Langendorff-perfused rabbit ventricles. <i>Journal of Cardiovascular Electrophysiology</i> , 2012 , 23, 1364-71	2.7	16
286	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	10.5	16
285	Fate of preoperative atrial fibrillation after correction of atrial septal defect. <i>Circulation Journal</i> , 2013 , 77, 109-15	2.9	16
284	Can pro-brain natriuretic peptide be used as a noninvasive predictor of elevated left ventricular diastolic pressures in patients with normal systolic function?. <i>American Heart Journal</i> , 2005 , 150, 1213-9	4.9	16
283	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> , 2021 , 122,	7	16

282	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,	6	15
281	RAGE siRNA-mediated gene silencing provides cardioprotection against ventricular arrhythmias in acute ischemia and reperfusion. <i>Journal of Controlled Release</i> , 2015 , 217, 315-26	11.7	15
280	Delayed recurrence of atrial fibrillation 2years after catheter ablation is associated with metabolic syndrome. <i>International Journal of Cardiology</i> , 2016 , 223, 276-281	3.2	15
279	Prolonged atrial refractoriness predicts the onset of atrial fibrillation: A 12-year follow-up study. <i>Heart Rhythm</i> , 2016 , 13, 1575-80	6.7	15
278	Combined therapy with human cord blood cell transplantation and basic fibroblast growth factor delivery for treatment of myocardial infarction. <i>European Journal of Heart Failure</i> , 2007 , 9, 974-85	12.3	15
277	The Spatiotemporal Stability of Dominant Frequency Sites in In-Silico Modeling of 3-Dimensional Left Atrial Mapping of Atrial Fibrillation. <i>PLoS ONE</i> , 2016 , 11, e0160017	3.7	15
276	Prevalence and the clinical outcome of atrial fibrillation in patients with Autoimmune Rheumatic Disease. <i>International Journal of Cardiology</i> , 2016 , 214, 4-9	3.2	15
275	Good responders to catheter ablation for long-standing persistent atrial fibrillation: Clinical and genetic characteristics. <i>Journal of Cardiology</i> , 2017 , 69, 584-590	3	14
274	Non-cardioembolic risk factors in atrial fibrillation-associated ischemic stroke. <i>PLoS ONE</i> , 2018 , 13, e0201062	3.9	14
273	Prolonged atrial effective refractory periods in atrial fibrillation patients associated with structural heart disease or sinus node dysfunction compared with lone atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013 , 36, 163-71	1.6	14
272	Fever-induced QTc prolongation and ventricular fibrillation in a healthy young man. <i>Yonsei Medical Journal</i> , 2011 , 52, 1025-7	3	14
271	Ganglionated plexi stimulation induces pulmonary vein triggers and promotes atrial arrhythmogenicity: In silico modeling study. <i>PLoS ONE</i> , 2017 , 12, e0172931	3.7	14
270	Real-world observational studies in arrhythmia research: data sources, methodology, and interpretation. A position document from European Heart Rhythm Association (EHRA), endorsed by Heart Rhythm Society (HRS), Asia-Pacific HRS (APHRS), and Latin America HRS (LAHRS). <i>Europace</i> , 2020 , 22, 831-832	3.9	14
269	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	3	14
268	Multiple factors influence the morphology of the bipolar electrogram: An in silico modeling study. <i>PLoS Computational Biology</i> , 2019 , 15, e1006765	5	13
267	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	1.5	13
266	Blood Pressure Control and Dementia Risk in Midlife Patients With Atrial Fibrillation. <i>Hypertension</i> , 2020 , 75, 1296-1304	8.5	13
265	Role of atrial wall thickness in wave-dynamics of atrial fibrillation. <i>PLoS ONE</i> , 2017 , 12, e0182174	3.7	13

264	Variations of Prevalence and Incidence of Atrial Fibrillation and Oral Anticoagulation Rate According to Different Analysis Approaches. <i>Scientific Reports</i> , 2018 , 8, 6856	4.9	13
263	Gender-related Differences in Management of Nonvalvular Atrial Fibrillation in an Asian Population. <i>Korean Circulation Journal</i> , 2018 , 48, 519-528	2.2	13
262	Multidetector computed tomography may be an adequate screening test to reduce periprocedural stroke in atrial fibrillation ablation: a multicenter propensity-matched analysis. <i>Heart Rhythm</i> , 2014 , 11, 763-70	6.7	13
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252	The Effect of Integrated Care Management on Dementia in Atrial Fibrillation. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	12
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234	A prospective survey of the persistence of warfarin or NOAC in nonvalvular atrial fibrillation: a COmparison study of Drugs for symptom control and complication prEvention of Atrial Fibrillation (CODE-AF). <i>Korean Journal of Internal Medicine</i> , 2020 , 35, 99-108	2.5	10
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