

Anand Ganesan

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3704741/anand-ganesan-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

77
papers

2,732
citations

22
h-index

51
g-index

87
ext. papers

3,507
ext. citations

4.8
avg, IF

4.98
L-index

#	Paper	IF	Citations
77	Long-term outcomes of catheter ablation of atrial fibrillation: a systematic review and meta-analysis. <i>Journal of the American Heart Association</i> , 2013 , 2, e004549	6	431
76	Elevated cytosolic Na ⁺ decreases mitochondrial Ca ²⁺ uptake during excitation-contraction coupling and impairs energetic adaptation in cardiac myocytes. <i>Circulation Research</i> , 2006 , 99, 172-82	15.7	299
75	The impact of atrial fibrillation type on the risk of thromboembolism, mortality, and bleeding: a systematic review and meta-analysis. <i>European Heart Journal</i> , 2016 , 37, 1591-602	9.5	190
74	Complications of catheter ablation of atrial fibrillation: a systematic review. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013 , 6, 1082-8	6.4	168
73	Role of AV nodal ablation in cardiac resynchronization in patients with coexistent atrial fibrillation and heart failure a systematic review. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 719-26	15.1	149
72	Remote Monitoring of Implantable Cardioverter-Defibrillators: A Systematic Review and Meta-Analysis of Clinical Outcomes. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 2591-2600	15.1	134
71	Epicardial fat and atrial fibrillation: current evidence, potential mechanisms, clinical implications, and future directions. <i>European Heart Journal</i> , 2017 , 38, 1294-1302	9.5	124
70	Obesity and the Risk of Incident, Post-Operative, and Post-Ablation Atrial Fibrillation: A Meta-Analysis of 626,603 Individuals in 51 Studies. <i>JACC: Clinical Electrophysiology</i> , 2015 , 1, 139-152	4.6	106
69	Bipolar electrogram shannon entropy at sites of rotational activation: implications for ablation of atrial fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013 , 6, 48-57	6.4	86
68	Reconstruction of instantaneous phase of unipolar atrial contact electrogram using a concept of sinusoidal recomposition and Hilbert transform. <i>IEEE Transactions on Biomedical Engineering</i> , 2015 , 62, 296-302	5	84
67	Beta-adrenergic stimulation of L-type Ca ²⁺ channels in cardiac myocytes requires the distal carboxyl terminus of alpha1C but not serine 1928. <i>Circulation Research</i> , 2006 , 98, e11-8	15.7	84
66	Importance of the underlying substrate in determining thrombus location in atrial fibrillation: implications for left atrial appendage closure. <i>Heart</i> , 2012 , 98, 1120-6	5.1	69
65	Venturing into ventricular arrhythmia storm: a systematic review and meta-analysis. <i>European Heart Journal</i> , 2013 , 34, 560-71	9.5	62
64	Troponin-positive chest pain with unobstructed coronary arteries: incremental diagnostic value of cardiovascular magnetic resonance imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 1146-52	4.1	55
63	Cardiac sodium-calcium exchanger is regulated by allosteric calcium and exchanger inhibitory peptide at distinct sites. <i>Circulation Research</i> , 2005 , 96, 91-9	15.7	51
62	International Mobile-Health Intervention on Physical Activity, Sitting, and Weight: The StepAthlon Cardiovascular Health Study. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 2453-63	15.1	50
61	Catheter ablation of atrial fibrillation in patients with concomitant left ventricular impairment: a systematic review of efficacy and effect on ejection fraction. <i>Heart Lung and Circulation</i> , 2015 , 24, 270-80	1.8	49

60	Impact of Late Gadolinium Enhancement on mortality, sudden death and major adverse cardiovascular events in ischemic and nonischemic cardiomyopathy: A systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2018 , 254, 230-237	3.2	45
59	High-density mapping of ventricular scar: a comparison of ventricular tachycardia (VT) supporting channels with channels that do not support VT. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014 , 7, 90-8	6.4	41
58	Human renal fibroblasts modulate proximal tubule cell growth and transport via the IGF-I axis. <i>Kidney International</i> , 1997 , 52, 1486-96	9.9	39
57	Aortic stiffness in lone atrial fibrillation: a novel risk factor for arrhythmia recurrence. <i>PLoS ONE</i> , 2013 , 8, e76776	3.7	33
56	The Role of Cardiac Imaging in the Diagnosis and Management of Anderson-Fabry Disease. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1230-1242	8.4	30
55	. <i>Proceedings of the IEEE</i> , 2016 , 104, 416-431	14.3	19
54	Institutional Variation in Quality of Cardiovascular Implantable Electronic Device Implantation: A Cohort Study. <i>Annals of Internal Medicine</i> , 2019 , 171, 309-317	8	19
53	A Randomised Controlled Trial on the Effect of Nurse-Led Educational Intervention at the Time of Catheter Ablation for Atrial Fibrillation on Quality of Life, Symptom Severity and Rehospitalisation. <i>Heart Lung and Circulation</i> , 2017 , 26, 73-81	1.8	17
52	Renewal Theory as a Universal Quantitative Framework to Characterize Phase Singularity Regeneration in Mammalian Cardiac Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019 , 12, e007569	6.4	17
51	Information Theory and Atrial Fibrillation (AF): A Review. <i>Frontiers in Physiology</i> , 2018 , 9, 957	4.6	16
50	Underuse and overuse of anticoagulation for atrial fibrillation: A study in Indigenous and non-Indigenous Australians. <i>International Journal of Cardiology</i> , 2015 , 191, 20-4	3.2	16
49	Sex Differences in Acute Complications of Cardiac Implantable Electronic Devices: Implications for Patient Safety. <i>Journal of the American Heart Association</i> , 2019 , 8, e010869	6	15
48	Examining adherence to activity monitoring devices to improve physical activity in adults with cardiovascular disease: A systematic review. <i>European Journal of Preventive Cardiology</i> , 2019 , 26, 382-397	3.9	15
47	Mapping and ablation of the pulmonary veins and cavo-tricuspid isthmus with a magnetic resonance imaging-compatible externally irrigated ablation catheter and integrated electrophysiology system. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012 , 5, 1136-42	6.4	14
46	Effectiveness of Wearable Trackers on Physical Activity in Healthy Adults: Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e15576	5.5	14
45	High-density mapping of atrial fibrillation in a chronic substrate: evidence for distinct modes of repetitive wavefront propagation. <i>International Journal of Cardiology</i> , 2015 , 199, 407-14	3.2	12
44	Origin and characteristics of high Shannon entropy at the pivot of locally stable rotors: insights from computational simulation. <i>PLoS ONE</i> , 2014 , 9, e110662	3.7	12
43	Comparison of left ventricular ejection fraction and inducible ventricular tachycardia in ST-elevation myocardial infarction treated by primary angioplasty versus thrombolysis. <i>American Journal of Cardiology</i> , 2008 , 101, 153-7	3	12

42	Advanced Echocardiographic Imaging for Prediction of SCD in Moderate and Severe LV Systolic Function. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 604-612	8.4	12
41	Entropy Analysis of RR and QT Interval Variability during Orthostatic and Mental Stress in Healthy Subjects. <i>Entropy</i> , 2014 , 16, 6384-6393	2.8	11
40	Characteristics of ectopic triggers associated with paroxysmal and persistent atrial fibrillation: evidence for a changing role. <i>Heart Rhythm</i> , 2012 , 9, 1367-74	6.7	11
39	Development of Time- and Voltage-Domain Mapping (V-T-Mapping) to Localize Ventricular Tachycardia Channels During Sinus Rhythm. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016 , 9,	6.4	11
38	Reverse engineering the L-type Ca ²⁺ channel alpha1c subunit in adult cardiac myocytes using novel adenoviral vectors. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 329, 749-54	3.4	10
37	The effect of adenotonsillectomy for childhood sleep apnoea on cardiorespiratory control. <i>ERJ Open Research</i> , 2016 , 2,	3.5	10
36	M/M/Infinity Birth-Death Processes - A Quantitative Representational Framework to Summarize and Explain Phase Singularity and Wavelet Dynamics in Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2020 , 11, 616866	4.6	7
35	Electrophysiologic features of protected channels in late postinfarction patients with and without spontaneous ventricular tachycardia. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2018 , 51, 13-24 ^{2.4}	2.4	6
34	Is Atrial Fibrillation a Stroke Risk Factor or Risk Marker? An Appraisal Using the Bradford Hill Framework for Causality. <i>Heart Lung and Circulation</i> , 2020 , 29, 86-93	1.8	6
33	Atrial fibrillation burden: an update-the need for a CHA2DS2-VASc-AFBurden score. <i>Europace</i> , 2021 , 23, 665-673	3.9	5
32	Effectiveness of discharge education strategies versus usual care on clinical outcomes in acute coronary syndrome patients: a systematic review. <i>JBI Evidence Synthesis</i> , 2020 , 18, 309-331	2.1	5
31	Quantitative description of the 3D regional mechanics of the left atrium using cardiac magnetic resonance imaging. <i>Physiological Measurement</i> , 2014 , 35, 763-75	2.9	4
30	Vomiting, electrolyte disturbance, and medications; the perfect storm for acquired long QT syndrome and cardiac arrest: a case report.. <i>Journal of Medical Case Reports</i> , 2022 , 16, 9	1.2	4
29	Prospective cross-sectional study using Poisson renewal theory to study phase singularity formation and destruction rates in atrial fibrillation (RENEWAL-AF): Study design. <i>Journal of Arrhythmia</i> , 2020 , 36, 660-667	1.5	4
28	Local Electrical Dyssynchrony during Atrial Fibrillation: Theoretical Considerations and Initial Catheter Ablation Results. <i>PLoS ONE</i> , 2016 , 11, e0164236	3.7	4
27	Temporal stability and specificity of high bipolar electrogram entropy regions in sustained atrial fibrillation: Implications for mapping. <i>Journal of Electrocardiology</i> , 2019 , 53, 18-27	1.4	4
26	Slowed atrial and atrioventricular conduction and depressed HRV in a murine model of hypertrophic cardiomyopathy. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016 , 43, 95-101	3	3
25	Adherence to activity monitoring devices or smartphone applications for improving physical activity in adults with cardiovascular disease: a systematic review protocol. <i>JBI Database of Systematic Reviews and Implementation Reports</i> , 2018 , 16, 1634-1642	1.6	3

24	Complications of cardiac implantable electronic device placement in public and private hospitals. <i>Internal Medicine Journal</i> , 2020 , 50, 1207-1216	1.6	3
23	Atrial fibrosis and substrate based characterization in atrial fibrillation: Time to move forwards. <i>Journal of Cardiovascular Electrophysiology</i> , 2021 , 32, 1147-1160	2.7	3
22	Electrophysiological and Structural Remodeling of the Atria in a Mouse Model of Troponin-I Mutation Linked Hypertrophic Cardiomyopathy: Implications for Atrial Fibrillation. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
21	The Keeping on Track Study: Exploring the Activity Levels and Utilization of Healthcare Services of Acute Coronary Syndrome (ACS) Patients in the First 30-Days after Discharge from Hospital. <i>Medical Sciences (Basel, Switzerland)</i> , 2019 , 7,	3.3	2
20	Institutional Variation in 30-Day Complications Following Catheter Ablation of Atrial Fibrillation.. <i>Journal of the American Heart Association</i> , 2022 , 11, e022009	6	2
19	Comparative spatial resolution of 12-lead electrocardiography and an automated algorithm. <i>Heart Rhythm</i> , 2020 , 17, 324-331	6.7	2
18	A governing equation for rotor and wavelet number in human clinical ventricular fibrillation: Implications for sudden cardiac death. <i>Heart Rhythm</i> , 2021 ,	6.7	1
17	Characteristics that Predict Response After Cardiac Resynchronization Therapy. <i>Current Cardiovascular Risk Reports</i> , 2020 , 14, 1	0.9	1
16	Institutional Variation in Quality of Cardiovascular Implantable Electronic Device Implantation. <i>Annals of Internal Medicine</i> , 2020 , 172, 166-167	8	1
15	Spatial concentration and distribution of phase singularities in human atrial fibrillation: Insights for the AF mechanism. <i>Journal of Arrhythmia</i> , 2021 , 37, 922-930	1.5	1
14	Reconceptualising Atrial Fibrillation Using Renewal Theory: A Novel Approach to the Assessment of Atrial Fibrillation Dynamics. <i>Arrhythmia and Electrophysiology Review</i> , 2021 , 10, 77-84	3.2	1
13	Letter by Ganesan et al Regarding Article, "Wavefront Field Mapping Reveals a Physiologic Network Between Drivers Where Ablation Terminates Atrial Fibrillation". <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019 , 12, e007930	6.4	1
12	Electrical remodelling post cardiac resynchronization therapy in patients with ischemic and non-ischemic heart failure. <i>Journal of Electrocardiology</i> , 2019 , 53, 44-51	1.4	1
11	Gender differences in complications following catheter ablation of atrial fibrillation. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2021 , 7, 458-467	4.6	0
10	Determining the Influence of Psychiatric Comorbidity on Hospital Admissions in Cardiac Patients Through Multilevel Modelling of a Large Hospital Activity Data Set. <i>Heart Lung and Circulation</i> , 2020 , 29, 211-215	1.8	0
9	Utilisation and safety of catheter ablation of atrial fibrillation in public and private sector hospitals. <i>BMC Health Services Research</i> , 2021 , 21, 883	2.9	0
8	Understanding the origins of the basic equations of statistical fibrillatory dynamics.. <i>Chaos</i> , 2022 , 32, 032101	3.3	0
7	Long QT Syndrome Type 1 in an Australian Indigenous Patient. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002813	5.2	

6	Localising re-entry in atrial fibrillation: Anatomical clues to the substrate of rotors. <i>Journal of Arrhythmia</i> , 2013 , 29, 308-309	1.5
5	How to select target sites in electrogram-guided ablation options, techniques, and results 2015 , 191-205	
4	Standard model - a deductive strategy from multiple deflection mapping in sinus rhythm for field localization of ventricular tachycardia supporting channels in ischemic cardiomyopathy. <i>European Heart Journal</i> , 2013 , 34, P4938-P4938	9.5
3	High density mapping of ventricular scar- a comparison of ventricular tachycardia supporting channels with channels that do not support VT. <i>European Heart Journal</i> , 2013 , 34, P4972-P4972	9.5
2	Evaluation of noncontact mapping by comparison with simultaneous multisite contact recordings in acute ischemic ventricular fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2011 , 22, 334-9	2.7
1	N95 or P2 respirator fit testing policy in Australia: implementation issues to consider. <i>Medical Journal of Australia</i> , 2021 , 214, 387-387.e1	4