

# Anand Ganesan

## List of Publications by Year in Descending Order

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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.

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	Institutional Variation in 30-Day Complications Following Catheter Ablation of Atrial Fibrillation.. <i>Journal of the American Heart Association</i> , <b>2022</b> , 11, e022009	6	2
76	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> , <b>2022</b> , 16, 9	1.2	4
75	Understanding the origins of the basic equations of statistical fibrillatory dynamics.. <i>Chaos</i> , <b>2022</b> , 32, 032101	3.3	0
74	A governing equation for rotor and wavelet number in human clinical ventricular fibrillation: Implications for sudden cardiac death. <i>Heart Rhythm</i> , <b>2021</b> ,	6.7	1
73	Atrial fibrillation burden: an update-the need for a CHA2DS2-VASc-AFBurden score. <i>Europace</i> , <b>2021</b> , 23, 665-673	3.9	5
72	Atrial fibrosis and substrate based characterization in atrial fibrillation: Time to move forwards. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2021</b> , 32, 1147-1160	2.7	3
71	N95 or P2 respirator fit testing policy in Australia: implementation issues to consider. <i>Medical Journal of Australia</i> , <b>2021</b> , 214, 387-387.e1	4	
70	Gender differences in complications following catheter ablation of atrial fibrillation. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , <b>2021</b> , 7, 458-467	4.6	0
69	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> , <b>2021</b> , 22,	6.3	3
68	Spatial concentration and distribution of phase singularities in human atrial fibrillation: Insights for the AF mechanism. <i>Journal of Arrhythmia</i> , <b>2021</b> , 37, 922-930	1.5	1
67	Reconceptualising Atrial Fibrillation Using Renewal Theory: A Novel Approach to the Assessment of Atrial Fibrillation Dynamics. <i>Arrhythmia and Electrophysiology Review</i> , <b>2021</b> , 10, 77-84	3.2	1
66	Utilisation and safety of catheter ablation of atrial fibrillation in public and private sector hospitals. <i>BMC Health Services Research</i> , <b>2021</b> , 21, 883	2.9	0
65	Long QT Syndrome Type 1 in an Australian Indigenous Patient. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> , 13, e002813	5.2	
64	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> , <b>2020</b> , 8, e15576	5.5	14
63	Characteristics that Predict Response After Cardiac Resynchronization Therapy. <i>Current Cardiovascular Risk Reports</i> , <b>2020</b> , 14, 1	0.9	1
62	Complications of cardiac implantable electronic device placement in public and private hospitals. <i>Internal Medicine Journal</i> , <b>2020</b> , 50, 1207-1216	1.6	3
61	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> , <b>2020</b> , 36, 660-667	1.5	4

60	Institutional Variation in Quality of Cardiovascular Implantable Electronic Device Implantation. <i>Annals of Internal Medicine</i> , <b>2020</b> , 172, 166-167	8	1
59	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> , <b>2020</b> , 29, 211-215	1.8	0
58	Comparative spatial resolution of 12-lead electrocardiography and an automated algorithm. <i>Heart Rhythm</i> , <b>2020</b> , 17, 324-331	6.7	2
57	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> , <b>2020</b> , 29, 86-93	1.8	6
56	Advanced Echocardiographic Imaging for Prediction of SCD in Moderate and Severe LV Systolic Function. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 604-612	8.4	12
55	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> , <b>2020</b> , 11, 616866	4.6	7
54	Effectiveness of discharge education strategies versus usual care on clinical outcomes in acute coronary syndrome patients: a systematic review. <i>JBI Evidence Synthesis</i> , <b>2020</b> , 18, 309-331	2.1	5
53	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> , <b>2019</b> , 7,	3.3	2
52	The Role of Cardiac Imaging in the Diagnosis and Management of Anderson-Fabry Disease. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 1230-1242	8.4	30
51	Institutional Variation in Quality of Cardiovascular Implantable Electronic Device Implantation: A Cohort Study. <i>Annals of Internal Medicine</i> , <b>2019</b> , 171, 309-317	8	19
50	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> , <b>2019</b> , 12, e007930	6.4	1
49	Renewal Theory as a Universal Quantitative Framework to Characterize Phase Singularity Regeneration in Mammalian Cardiac Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2019</b> , 12, e007569	6.4	17
48	Temporal stability and specificity of high bipolar electrogram entropy regions in sustained atrial fibrillation: Implications for mapping. <i>Journal of Electrocardiology</i> , <b>2019</b> , 53, 18-27	1.4	4
47	Electrical remodelling post cardiac resynchronization therapy in patients with ischemic and non-ischemic heart failure. <i>Journal of Electrocardiology</i> , <b>2019</b> , 53, 44-51	1.4	1
46	Sex Differences in Acute Complications of Cardiac Implantable Electronic Devices: Implications for Patient Safety. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e010869	6	15
45	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> , <b>2019</b> , 26, 382-397	3.9	15
44	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> , <b>2018</b> , 254, 230-237	3.2	45
43	Electrophysiologic features of protected channels in late postinfarction patients with and without spontaneous ventricular tachycardia. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2018</b> , 51, 13-24	2.4	6

42	Information Theory and Atrial Fibrillation (AF): A Review. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 957	4.6	16
41	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> , <b>2018</b> , 16, 1634-1642	1.6	3
40	Epicardial fat and atrial fibrillation: current evidence, potential mechanisms, clinical implications, and future directions. <i>European Heart Journal</i> , <b>2017</b> , 38, 1294-1302	9.5	124
39	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> , <b>2017</b> , 26, 73-81	1.8	17
38	. <i>Proceedings of the IEEE</i> , <b>2016</b> , 104, 416-431	14.3	19
37	Slowed atrial and atrioventricular conduction and depressed HRV in a murine model of hypertrophic cardiomyopathy. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2016</b> , 43, 95-101	3	3
36	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> , <b>2016</b> , 37, 1591-602	9.5	190
35	Troponin-positive chest pain with unobstructed coronary arteries: incremental diagnostic value of cardiovascular magnetic resonance imaging. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2016</b> , 17, 1146-52	4.1	55
34	Local Electrical Dyssynchrony during Atrial Fibrillation: Theoretical Considerations and Initial Catheter Ablation Results. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164236	3.7	4
33	Development of Time- and Voltage-Domain Mapping (V-T-Mapping) to Localize Ventricular Tachycardia Channels During Sinus Rhythm. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2016</b> , 9,	6.4	11
32	International Mobile-Health Intervention on Physical Activity, Sitting, and Weight: The Stepathlon Cardiovascular Health Study. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 67, 2453-63	15.1	50
31	The effect of adenotonsillectomy for childhood sleep apnoea on cardiorespiratory control. <i>ERJ Open Research</i> , <b>2016</b> , 2,	3.5	10
30	High-density mapping of atrial fibrillation in a chronic substrate: evidence for distinct modes of repetitive wavefront propagation. <i>International Journal of Cardiology</i> , <b>2015</b> , 199, 407-14	3.2	12
29	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> , <b>2015</b> , 1, 139-152	4.6	106
28	Remote Monitoring of Implantable Cardioverter-Defibrillators: A Systematic Review and Meta-Analysis of Clinical Outcomes. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 2591-2600	15.1	134
27	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> , <b>2015</b> , 62, 296-302	5	84
26	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> , <b>2015</b> , 24, 270-80	1.8	49
25	How to select target sites in electrogram-guided ablation options, techniques, and results <b>2015</b> , 191-205		

24	Underuse and overuse of anticoagulation for atrial fibrillation: A study in Indigenous and non-Indigenous Australians. <i>International Journal of Cardiology</i> , <b>2015</b> , 191, 20-4	3.2	16
23	Origin and characteristics of high Shannon entropy at the pivot of locally stable rotors: insights from computational simulation. <i>PLoS ONE</i> , <b>2014</b> , 9, e110662	3.7	12
22	Quantitative description of the 3D regional mechanics of the left atrium using cardiac magnetic resonance imaging. <i>Physiological Measurement</i> , <b>2014</b> , 35, 763-75	2.9	4
21	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> , <b>2014</b> , 7, 90-8	6.4	41
20	Entropy Analysis of RR and QT Interval Variability during Orthostatic and Mental Stress in Healthy Subjects. <i>Entropy</i> , <b>2014</b> , 16, 6384-6393	2.8	11
19	Localising re-entry in atrial fibrillation: Anatomical clues to the substrate of rotors. <i>Journal of Arrhythmia</i> , <b>2013</b> , 29, 308-309	1.5	
18	Complications of catheter ablation of atrial fibrillation: a systematic review. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2013</b> , 6, 1082-8	6.4	168
17	Long-term outcomes of catheter ablation of atrial fibrillation: a systematic review and meta-analysis. <i>Journal of the American Heart Association</i> , <b>2013</b> , 2, e004549	6	431
16	Venturing into ventricular arrhythmia storm: a systematic review and meta-analysis. <i>European Heart Journal</i> , <b>2013</b> , 34, 560-71	9.5	62
15	Bipolar electrogram shannon entropy at sites of rotational activation: implications for ablation of atrial fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2013</b> , 6, 48-57	6.4	86
14	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> , <b>2013</b> , 34, P4938-P4938	9.5	
13	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> , <b>2013</b> , 34, P4972-P4972	9.5	
12	Aortic stiffness in lone atrial fibrillation: a novel risk factor for arrhythmia recurrence. <i>PLoS ONE</i> , <b>2013</b> , 8, e76776	3.7	33
11	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> , <b>2012</b> , 59, 719-26	15.1	149
10	Characteristics of ectopic triggers associated with paroxysmal and persistent atrial fibrillation: evidence for a changing role. <i>Heart Rhythm</i> , <b>2012</b> , 9, 1367-74	6.7	11
9	Importance of the underlying substrate in determining thrombus location in atrial fibrillation: implications for left atrial appendage closure. <i>Heart</i> , <b>2012</b> , 98, 1120-6	5.1	69
8	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> , <b>2012</b> , 5, 1136-42	6.4	14
7	Evaluation of noncontact mapping by comparison with simultaneous multisite contact recordings in acute ischemic ventricular fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2011</b> , 22, 334-9	2.7	

6	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> , <b>2008</b> , 101, 153-7	3	12
5	Elevated cytosolic Na <sup>+</sup> decreases mitochondrial Ca <sup>2+</sup> uptake during excitation-contraction coupling and impairs energetic adaptation in cardiac myocytes. <i>Circulation Research</i> , <b>2006</b> , 99, 172-82	15.7	299
4	Beta-adrenergic stimulation of L-type Ca <sup>2+</sup> channels in cardiac myocytes requires the distal carboxyl terminus of alpha1C but not serine 1928. <i>Circulation Research</i> , <b>2006</b> , 98, e11-8	15.7	84
3	Reverse engineering the L-type Ca <sup>2+</sup> channel alpha1c subunit in adult cardiac myocytes using novel adenoviral vectors. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 329, 749-54	3.4	10
2	Cardiac sodium-calcium exchanger is regulated by allosteric calcium and exchanger inhibitory peptide at distinct sites. <i>Circulation Research</i> , <b>2005</b> , 96, 91-9	15.7	51
1	Human renal fibroblasts modulate proximal tubule cell growth and transport via the IGF-I axis. <i>Kidney International</i> , <b>1997</b> , 52, 1486-96	9.9	39