

# Paul J Wang

## 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.

120  
papers

1,346  
citations

18  
h-index

35  
g-index

148  
ext. papers

1,859  
ext. citations

6.4  
avg, IF

4.37  
L-index

#	Paper	IF	Citations
120	Knowledge Gaps, Challenges, and Opportunities in Health and Prevention Research for Asian Americans, Native Hawaiians, and Pacific Islanders: A Report From the 2021 National Institutes of Health Workshop.. <i>Annals of Internal Medicine</i> , <b>2022</b> ,	8	7
119	Hybrid Ablation for Atrial Fibrillation: Safety & Efficacy of Unilateral Epicardial Access.. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , <b>2022</b> ,	1.7	1
118	Arrhythmia Patterns in Patients on Ibrutinib.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 792310	5.4	1
117	Underrepresentation of Ethnic and Racial Minorities in Atrial Fibrillation Clinical Trials. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2021</b> , CIRCEP121010452	6.4	1
116	Electrical Substrate Ablation for Refractory Ventricular Fibrillation: Results of the AVATAR Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2021</b> , 14, e008868	6.4	5
115	Worldwide Survey of COVID-19-Associated Arrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2021</b> , 14, e009458	6.4	54
114	Timing Cycles <b>2021</b> , 263-324		
113	Blood Thinners for Atrial Fibrillation Stroke Prevention. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2021</b> , 14, e009389	6.4	0
112	Machine Learned Cellular Phenotypes in Cardiomyopathy Predict Sudden Death. <i>Circulation Research</i> , <b>2021</b> , 128, 172-184	15.7	10
111	Shared Decision-Making in Cardiac Electrophysiology Procedures and Arrhythmia Management. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2021</b> , CIRCEP121007958	6.4	1
110	N-Terminal Pro-B-Type Natriuretic Peptide as a Biomarker for the Severity and Outcomes With COVID-19 in a Nationwide Hospitalized Cohort. <i>Journal of the American Heart Association</i> , <b>2021</b> , e022913 <sup>6</sup>		2
109	Year in Review in Cardiac Electrophysiology. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e008733	6.3	0
108	Intrinsically stretchable electrode array enabled in vivo electrophysiological mapping of atrial fibrillation at cellular resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 14769-14778	11.5	50
107	Electrical Storm in COVID-19. <i>JACC: Case Reports</i> , <b>2020</b> , 2, 1256-1260	1.2	2
106	True bipolar or extended bipolar left ventricular pacing is associated with better survival in cardiac resynchronization therapy patients. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2020</b> , 43, 412-417	1.6	
105	Artificial Intelligence and Machine Learning in Arrhythmias and Cardiac Electrophysiology. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e007952	6.4	38
104	Machine Learning to Classify Intracardiac Electrical Patterns During Atrial Fibrillation: Machine Learning of Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e008160	6.4	17

103	Noninvasive Assessment of Complexity of Atrial Fibrillation: Correlation With Contact Mapping and Impact of Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e007700	6.4	9
102	Research Needs and Priorities for Catheter Ablation of Atrial Fibrillation: A Report From a National Heart, Lung, and Blood Institute Virtual Workshop. <i>Circulation</i> , <b>2020</b> , 141, 482-492	16.7	17
101	Guidance for cardiac electrophysiology during the COVID-19 pandemic from the Heart Rhythm Society COVID-19 Task Force; Electrophysiology Section of the American College of Cardiology; and the Electrocardiography and Arrhythmias Committee of the Council on Clinical Cardiology, American Heart Association. <i>Heart Rhythm</i> , <b>2020</b> , 17, e233-e241	6.7	132
100	Termination of persistent atrial fibrillation by ablating sites that control large atrial areas. <i>Europace</i> , <b>2020</b> , 22, 897-905	3.9	3
99	Continuous ablation improves lesion maturation compared with intermittent ablation strategies. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2020</b> , 31, 1687-1693	2.7	2
98	Comparison of Long-Term Adverse Outcomes in Patients With Atrial Fibrillation Having Ablation Versus Antiarrhythmic Medications. <i>American Journal of Cardiology</i> , <b>2020</b> , 125, 553-561	3	4
97	Novel three-dimensional imaging approach for cryoballoon navigation and confirmation of pulmonary vein occlusion. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2020</b> , 43, 269-277	1.6	2
96	Cardiac procedural deferral during the coronavirus (COVID-19) pandemic. <i>Catheterization and Cardiovascular Interventions</i> , <b>2020</b> , 96, 1080-1086	2.7	11
95	Urinary tract infection after catheter ablation of atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2019</b> , 42, 951-958	1.6	6
94	Comparison of QT Interval Measurement Methods and Correction Formulas in Atrial Fibrillation. <i>American Journal of Cardiology</i> , <b>2019</b> , 123, 1822-1827	3	15
93	Ablation of Atrial Fibrillation Drivers <b>2019</b> , 279-291.e2		
92	Wavefront Field Mapping Reveals a Physiologic Network Between Drivers Where Ablation Terminates Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2019</b> , 12, e006835	6.4	6
91	Activation of PDGF pathway links LMNA mutation to dilated cardiomyopathy. <i>Nature</i> , <b>2019</b> , 572, 335-340	50.4	75
90	New Concepts in Sudden Cardiac Arrest to Address an Intractable Epidemic: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 70-88	15.1	25
89	Secular trends in success rate of catheter ablation for atrial fibrillation: The SMASH-AF cohort. <i>American Heart Journal</i> , <b>2019</b> , 208, 110-119	4.9	11
88	Geographic and racial representation and reported success rates of studies of catheter ablation for atrial fibrillation: Findings from the SMASH-AF meta-analysis study cohort. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2018</b> , 29, 747-755	2.7	8
87	Independent mapping methods reveal rotational activation near pulmonary veins where atrial fibrillation terminates before pulmonary vein isolation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2018</b> , 29, 687-695	2.7	12
86	Identification and Characterization of Sites Where Persistent Atrial Fibrillation Is Terminated by Localized Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2018</b> , 11, e005258	6.4	26

85	Myocardial bridging is associated with exercise-induced ventricular arrhythmia and increases in QT dispersion. <i>Annals of Noninvasive Electrocardiology</i> , <b>2018</b> , 23, e12492	1.5	10
84	Cryoballoon Ablation for Atrial Fibrillation: a Comprehensive Review and Practice Guide. <i>Korean Circulation Journal</i> , <b>2018</b> , 48, 114-123	2.2	14
83	Year in Review in Cardiac Electrophysiology. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2018</b> , 11, e006648	6.4	1
82	Clinical Implications of Ablation of Drivers for Atrial Fibrillation: A Systematic Review and Meta-Analysis. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2018</b> , 11, e006119	6.4	49
81	Interaction of Localized Drivers and Disorganized Activation in Persistent Atrial Fibrillation: Reconciling Putative Mechanisms Using Multiple Mapping Techniques. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2018</b> , 11, e005846	6.4	22
80	Two Independent Mapping Techniques Identify Rotational Activity Patterns at Sites of Local Termination During Persistent Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2017</b> , 28, 615-622	2.7	34
79	Multicentre safety of adding Focal Impulse and Rotor Modulation (FIRM) to conventional ablation for atrial fibrillation. <i>Europace</i> , <b>2017</b> , 19, 769-774	3.9	11
78	Hybrid Atrial Fibrillation Ablation: Current Status and a Look Ahead. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2017</b> , 10,	6.4	13
77	Treating Specialty and Outcomes in Newly Diagnosed Atrial Fibrillation: From the TREAT-AF Study. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 78-86	15.1	35
76	Effect of Significant Weight Change on Inappropriate Implantable Cardioverter-Defibrillator Therapy. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>2017</b> , 40, 9-16	1.6	4
75	Safety and Clinical Outcomes of Catheter Ablation of Atrial Fibrillation in Patients With Chronic Kidney Disease. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2017</b> , 28, 39-48	2.7	15
74	How to Access the Cephalic Vein Using a Cut-down Approach <b>2017</b> , 1-8		
73	Device Extractions <b>2017</b> , 69-78		
72	How to Extract Pacemaker and Defibrillator Leads from the Femoral Approach <b>2017</b> , 79-87		
71	How to Extract Leads from the Jugular Approach <b>2017</b> , 89-96		
70	How to Perform Venoplasty for Access <b>2017</b> , 97-109		
69	How to Perform Defibrillation Threshold Testing <b>2017</b> , 111-117		
68	Use of Chest X-ray, Computed Tomography and 3-D Imaging to Evaluate Lead Location <b>2017</b> , 119-131		

- 67 How to Evaluate Postoperative Device Complications **2017**, 133-144
- 66 How to Program Pacemakers for Patients With Sinus Node Disease **2017**, 145-157
- 65 How to Interpret Pacemaker Electrocardiograms **2017**, 159-172
- 64 How to Perform Pacemaker Troubleshooting **2017**, 173-186
- 63 Extrathoracic Subclavian Vein Access **2017**, 9-16
- 62 How to Program an ICD to Program ATP, and Program for VT/VF Storm **2017**, 187-193
- 61 How to Troubleshoot An ICD **2017**, 195-205
- 60 Management of ICD Device and Lead Failures and Recalls **2017**, 207-212
- 59 How to Program an ICD to Minimize Inappropriate Shocks **2017**, 213-220
- 58 How to Perform CRT Optimization **2017**, 221-231
- 57 How to Manage Device Infections and When to Reimplant After Device Extraction **2017**, 233-240
- 56 How to Implement a Remote Follow-up Program for Patients with Cardiac Implantable Electronic Devices **2017**, 241-253
- 55 How to Set Up an HF Monitoring Service **2017**, 255-261
- 54 How to Deactivate Cardiac Implantable Electric Devices in Patients Nearing the End of Life and/or Requesting Withdrawal of Therapies **2017**, 263-268
- 53 Subcutaneous Implantable Cardioverter-Defibrillator **2017**, 17-21
- 52 Internal Jugular Venous Access and Lead Implantation for Cardiac Implantable Electronic Devices **2017**, 23-26
- 51 Implantation of the Left Ventricular Lead **2017**, 27-35
- 50 How to Place a Lead in the Azygos Vein **2017**, 37-43

49	Alternative Site Pacing <b>2017</b> , 45-53		
48	How to Maximize CRT Response at Implant <b>2017</b> , 55-62		
47	How to Perform Sub-pectoral Device Implants <b>2017</b> , 63-68		
46	Cost-Effectiveness of Percutaneous Closure of the Left Atrial Appendage in Atrial Fibrillation Based on Results From PROTECT AF Versus PREVAIL. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2016</b> , 9,	6.4	10
45	Novel usage of the cryoballoon catheter to achieve large area atrial substrate modification in persistent and long-standing persistent atrial fibrillation. <i>Journal of Interventional Cardiac Electrophysiology</i> , <b>2016</b> , 46, 275-85	2.4	22
44	Brain natriuretic peptide and the risk of ventricular tachyarrhythmias in mildly symptomatic heart failure patients enrolled in MADIT-CRT. <i>Heart Rhythm</i> , <b>2016</b> , 13, 852-9	6.7	9
43	The precise timing of tachycardia entrainment is determined by the postpacing interval, the tachycardia cycle length, and the pacing rate: Theoretical insights and practical applications. <i>Heart Rhythm</i> , <b>2016</b> , 13, 695-703	6.7	16
42	Effectiveness and Safety of an Independently Run Nurse Practitioner Outpatient Cardioversion Program (2009 to 2014). <i>American Journal of Cardiology</i> , <b>2016</b> , 118, 1842-1846	3	7
41	Best practice guide for cryoballoon ablation in atrial fibrillation: The compilation experience of more than 3000 procedures. <i>Heart Rhythm</i> , <b>2015</b> , 12, 1658-66	6.7	137
40	The association between biventricular pacing and cardiac resynchronization therapy-defibrillator efficacy when compared with implantable cardioverter defibrillator on outcomes and reverse remodelling. <i>European Heart Journal</i> , <b>2015</b> , 36, 440-8	9.5	46
39	Feasibility of extended ambulatory electrocardiogram monitoring to identify silent atrial fibrillation in high-risk patients: the Screening Study for Undiagnosed Atrial Fibrillation (STUDY-AF). <i>Clinical Cardiology</i> , <b>2015</b> , 38, 285-92	3.3	66
38	Reduction of Iatrogenic Atrial Septal Defects with an Anterior and Inferior Transseptal Puncture Site when Operating the Cryoballoon Ablation Catheter. <i>Journal of Visualized Experiments</i> , <b>2015</b> , e52811 <sup>1.6</sup>		8
37	Abstract 18492: Phase Analysis Detects Human Atrial Fibrillation Sources While Classical Activation Mapping May Not: Reconciling Classical and Computational Mapping. <i>Circulation</i> , <b>2015</b> , 132,	16.7	1
36	The effect of intermittent atrial tachyarrhythmia on heart failure or death in cardiac resynchronization therapy with defibrillator versus implantable cardioverter-defibrillator patients: a MADIT-CRT substudy (Multicenter Automatic Defibrillator Implantation Trial With Cardiac Resynchronization Therapy and Implantable Cardioverter-Defibrillator Substudy) <b>2014</b> , 13, 1100-1107	15.1	26
35	Association between frequency of atrial and ventricular ectopic beats and biventricular pacing percentage and outcomes in patients with cardiac resynchronization therapy. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 971-81	15.1	29
34	Cardiac resynchronization therapy is associated with reductions in left atrial volume and inappropriate implantable cardioverter-defibrillator therapy in MADIT-CRT. <i>Heart Rhythm</i> , <b>2014</b> , 11, 1001 <sup>6.7</sup>		4
33	Comparison of age (. <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 1855-60	3	12
32	Association between success rate and citation count of studies of radiofrequency catheter ablation for atrial fibrillation: possible evidence of citation bias. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2014</b> , 7, 687-92	5.8	10

31	AF Ablation: Do You Need a Mapping System for Ablation?. <i>Cardiac Electrophysiology Clinics</i> , <b>2012</b> , 4, 375-81	1.4
30	Educational and psychological interventions to improve outcomes for recipients of implantable cardioverter defibrillators and their families: a scientific statement from the American Heart Association. <i>Circulation</i> , <b>2012</b> , 126, 2146-72	16.7 151
29	What is Heart Failure and What are the Treatment Options? Complex Questions1-38	1
28	Electrocardiogram Interpretation with Biventricular Pacing Devices73-98	5
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