

Paul J Wang

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,251
citations

279487

23
h-index

233125

45
g-index

148
all docs

148
docs citations

148
times ranked

3629
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2020, 17, e233-e241.	0.3	190
2	Educational and Psychological Interventions to Improve Outcomes for Recipients of Implantable Cardioverter Defibrillators and Their Families. <i>Circulation</i> , 2012, 126, 2146-2172.	1.6	187
3	Best practice guide for cryoballoon ablation in atrial fibrillation: The compilation experience of more than 3000 procedures. <i>Heart Rhythm</i> , 2015, 12, 1658-1666.	0.3	185
4	Activation of PDGF pathway links LMNA mutation to dilated cardiomyopathy. <i>Nature</i> , 2019, 572, 335-340.	13.7	136
5	Worldwide Survey of COVID-19-Associated Arrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009458.	2.1	127
6	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> , 2020, 117, 14769-14778.	3.3	108
7	Artificial Intelligence and Machine Learning in Arrhythmias and Cardiac Electrophysiology. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007952.	2.1	96
8	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> , 2015, 38, 285-292.	0.7	86
9	Clinical Implications of Ablation of Drivers for Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006119.	2.1	78
10	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> , 2015, 36, 440-448.	1.0	68
11	Two Independent Mapping Techniques Identify Rotational Activity Patterns at Sites of Local Termination During Persistent Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 615-622.	0.8	57
12	Treating Specialty and Outcomes in Newly Diagnosed Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2017, 70, 78-86.	1.2	54
13	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> , 2014, 64, 971-981.	1.2	50
14	Identification and Characterization of Sites Where Persistent Atrial Fibrillation Is Terminated by Localized Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005258.	2.1	43
15	New Concepts in Sudden Cardiac Arrest to Address an Intractable Epidemic. <i>Journal of the American College of Cardiology</i> , 2019, 73, 70-88.	1.2	42
16	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> , 2022, 175, 574-589.	2.0	40
17	Machine Learning to Classify Intracardiac Electrical Patterns During Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008160.	2.1	35
18	Machine Learned Cellular Phenotypes in Cardiomyopathy Predict Sudden Death. <i>Circulation Research</i> , 2021, 128, 172-184.	2.0	35

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19	Interaction of Localized Drivers and Disorganized Activation in Persistent Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005846.	2.1	33
20	The Effect of Intermittent Atrial Tachyarrhythmia on Heart Failure or Death in Cardiac Resynchronization Therapy With Defibrillator Versus Implantable Cardioverter-Defibrillator Patients. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1190-1197.	1.2	28
21	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> , 2016, 46, 275-285.	0.6	28
22	Research Needs and Priorities for Catheter Ablation of Atrial Fibrillation. <i>Circulation</i> , 2020, 141, 482-492.	1.6	25
23	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> , 2016, 13, 695-703.	0.3	24
24	Safety and Clinical Outcomes of Catheter Ablation of Atrial Fibrillation in Patients With Chronic Kidney Disease. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 39-48.	0.8	24
25	Comparison of QT Interval Measurement Methods and Correction Formulas in Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2019, 123, 1822-1827.	0.7	24
26	Secular trends in success rate of catheter ablation for atrial fibrillation: The SMASH-AF cohort. <i>American Heart Journal</i> , 2019, 208, 110-119.	1.2	24
27	Cryoballoon Ablation for Atrial Fibrillation: a Comprehensive Review and Practice Guide. <i>Korean Circulation Journal</i> , 2018, 48, 114.	0.7	23
28	Noninvasive Assessment of Complexity of Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007700.	2.1	23
29	Cardiac procedural deferral during the coronavirus (<sc>COVID</sc>â€19) pandemic. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 1080-1086.	0.7	22
30	Shared Decision Making in Cardiac Electrophysiology Procedures and Arrhythmia Management. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, CIRCEP121007958.	2.1	20
31	Hybrid Atrial Fibrillation Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	18
32	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> , 2016, 9, .	2.1	17
33	Multicentre safety of adding Focal Impulse and Rotor Modulation (FIRM) to conventional ablation for atrial fibrillation. <i>Europace</i> , 2017, 19, 769-774.	0.7	17
34	Myocardial bridging is associated with exerciseâ€induced ventricular arrhythmia and increases in <sc>QT</sc> dispersion. <i>Annals of Noninvasive Electrocardiology</i> , 2018, 23, e12492.	0.5	17
35	Termination of persistent atrial fibrillation by ablating sites that control large atrial areas. <i>Europace</i> , 2020, 22, 897-905.	0.7	15
36	Nâ€terminal Proâ€Bâ€type Natriuretic Peptide as a Biomarker for the Severity and Outcomes With COVIDâ€19 in a Nationwide Hospitalized Cohort. <i>Journal of the American Heart Association</i> , 2021, 10, e022913.	1.6	15

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37	Comparison of Age (<75 Years Versus ≥75 Years) to Risk of Ventricular Tachyarrhythmias and Implantable Cardioverter Defibrillator Shocks (from the Multicenter Automatic Defibrillator) Trial. <i>Circulation</i> , 2014, 129, 1855-1860.	0.784314	14
38	Independent mapping methods reveal rotational activation near pulmonary veins where atrial fibrillation terminates before pulmonary vein isolation. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 687-695.	0.8	14
39	Association Between Success Rate and Citation Count of Studies of Radiofrequency Catheter Ablation for Atrial Fibrillation. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2014, 7, 687-692.	0.9	13
40	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> , 2015, , e52811.	0.2	11
41	Brain natriuretic peptide and the risk of ventricular tachyarrhythmias in mildly symptomatic heart failure patients enrolled in MADIT-CRT. <i>Heart Rhythm</i> , 2016, 13, 852-859.	0.3	11
42	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> , 2018, 29, 747-755.	0.8	11
43	Urinary tract infection after catheter ablation of atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 951-958.	0.5	11
44	Effectiveness and Safety of an Independently Run Nurse Practitioner Outpatient Cardioversion Program (2009 to 2014). <i>American Journal of Cardiology</i> , 2016, 118, 1842-1846.	0.7	10
45	Electrical Substrate Ablation for Refractory Ventricular Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e008868.	2.1	10
46	Underrepresentation of Ethnic and Racial Minorities in Atrial Fibrillation Clinical Trials. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e008868.	2.1	9
47	Wavefront Field Mapping Reveals a Physiologic Network Between Drivers Where Ablation Terminates Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e006835.	2.1	8
48	Arrhythmia Patterns in Patients on Ibrutinib. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 792310.	1.1	7
49	Hybrid Epicardial and Endocardial Ablation of Atrial Fibrillation: Is Ablation on Two Sides of the Atrial Wall Better Than One?. <i>Journal of the American Heart Association</i> , 2015, 4, e001893.	1.6	5
50	Comparison of Long-Term Adverse Outcomes in Patients With Atrial Fibrillation Having Ablation Versus Antiarrhythmic Medications. <i>American Journal of Cardiology</i> , 2020, 125, 553-561.	0.7	5
51	Perpendicular Catheter Orientation During Papillary Muscle Ablation Results in Larger, Deeper Lesions. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, , .	0.8	5
52	Cardiac resynchronization therapy is associated with reductions in left atrial volume and inappropriate implantable cardioverter-defibrillator therapy in MADIT-CRT. <i>Heart Rhythm</i> , 2014, 11, 1001-1007.	0.3	4
53	Effect of Significant Weight Change on Inappropriate Implantable Cardioverter-Defibrillator Therapy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017, 40, 9-16.	0.5	4
54	Electrical Storm in COVID-19. <i>JACC: Case Reports</i> , 2020, 2, 1256-1260.	0.3	4

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55	Continuous ablation improves lesion maturation compared with intermittent ablation strategies. Journal of Cardiovascular Electrophysiology, 2020, 31, 1687-1693.	0.8	4
56	The ENHANCE-AF clinical trial to evaluate an atrial fibrillation shared decision-making pathway: Rationale and study design. American Heart Journal, 2022, 247, 68-75.	1.2	4
57	Multispectral imaging of tissue ablation. , 2016, , .		3
58	Year in Review in Cardiac Electrophysiology. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006648.	2.1	3
59	Novel three-dimensional imaging approach for cryoballoon navigation and confirmation of pulmonary vein occlusion. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 269-277.	0.5	3
60	Year in Review in Cardiac Electrophysiology. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008733.	2.1	3
61	Blood Thinners for Atrial Fibrillation Stroke Prevention. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009389.	2.1	2
62	Hybrid Ablation for Atrial Fibrillation: Safety & Efficacy of Unilateral Epicardial Access. Seminars in Thoracic and Cardiovascular Surgery, 2022, , .	0.4	2
63	Overview of Balloon Approaches to AF Ablation. Journal of the American College of Cardiology, 2016, 68, 2758-2760.	1.2	1
64	Abstract 18492: Phase Analysis Detects Human Atrial Fibrillation Sources While Classical Activation Mapping May Not: Reconciling Classical and Computational Mapping. Circulation, 2015, 132, .	1.6	1
65	Deep Neural Network Trained on Surface ECG Improves Diagnostic Accuracy of Prior Myocardial Infarction Over Q Wave Analysis. , 2021, , .		1
66	What Echocardiography May Offer Cardiac Resynchronization Therapy. , 0, , 163-176.		0
67	AF Ablation. Cardiac Electrophysiology Clinics, 2012, 4, 375-381.	0.7	0
68	How to Perform Pacemaker Troubleshooting. , 2017, , 173-186.		0
69	Ablation of Atrial Fibrillation Drivers. , 2019, , 279-291.e2.		0
70	Case Series and Worldwide Surveys. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008742.	2.1	0
71	True bipolar or extended bipolar left ventricular pacing is associated with better survival in cardiac resynchronization therapy patients. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 412-417.	0.5	0
72	Bradycardia. , 0, , 204-211.		0

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73	Pacemakers and ICD Troubleshooting. , 0, , 360-369.		0
74	ECG Interpretation. , 0, , 272-282.		0
75	Abstract 17281: Esophageal Re-Warming Profile During Cryoballoon Ablation Why We Should Avoid the Freeze Thaw Refreeze Technique. Circulation, 2018, 138, .	1.6	0
76	Abstract 17299: AF Drivers Where Ablation Terminates Persistent AF Fluctuate Due to Competing Drivers but Remain Anchored in Specific Locations. Circulation, 2018, 138, .	1.6	0
77	Wide Complex QRS During Sotalol Administration. JAMA Cardiology, 2022, 7, 356.	3.0	0
78	Abstract 18526: Electrogram Amplitude is Reduced at Rotor Sites Critical to Maintenance of Human Persistent Atrial Fibrillation. Circulation, 2015, 132, .	1.6	0
79	Mapping Atrial Fibrillation After Surgical Therapy to Guide Endocardial Ablation. Circulation: Arrhythmia and Electrophysiology, 0, , .	2.1	0
80	Diversity, Equity, and Inclusion in Cardiac Electrophysiology: It Is Imperative Now and for Our Future. Circulation: Arrhythmia and Electrophysiology, 0, , .	2.1	0