

Elaine Y Wan

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

7,858
citations

236925

25
h-index

62596

80
g-index

93
all docs

93
docs citations

93
times ranked

13127
citing authors

#	ARTICLE	IF	CITATIONS
1	Post-acute COVID-19 syndrome. <i>Nature Medicine</i> , 2021, 27, 601-615.	30.7	3,051
2	Extrapulmonary manifestations of COVID-19. <i>Nature Medicine</i> , 2020, 26, 1017-1032.	30.7	2,300
3	Enhanced Efferocytosis of Apoptotic Cardiomyocytes Through Myeloid-Epithelial-Reproductive Tyrosine Kinase Links Acute Inflammation Resolution to Cardiac Repair After Infarction. <i>Circulation Research</i> , 2013, 113, 1004-1012.	4.5	268
4	Long-term complications of COVID-19. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 322, C1-C11.	4.6	201
5	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.	0.7	190
6	Association between antecedent statin use and decreased mortality in hospitalized patients with COVID-19. <i>Nature Communications</i> , 2021, 12, 1325.	12.8	133
7	Worldwide Survey of COVID-19-associated Arrhythmias. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009458.	4.8	127
8	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>Circulation</i> , 2020, 141, e823-e831.	1.6	122
9	How to use digital devices to detect and manage arrhythmias: an EHRA practical guide. <i>Europace</i> , 2022, 24, 979-1005.	1.7	107
10	Cardiac Arrhythmias in COVID-19 Infection. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008719.	4.8	104
11	Indications for and Findings on Transthoracic Echocardiography in COVID-19. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1278-1284.	2.8	74
12	Cardiac arrhythmias in patients with COVID-19. <i>Journal of Arrhythmia</i> , 2020, 36, 827-836.	1.2	70
13	Aberrant sodium influx causes cardiomyopathy and atrial fibrillation in mice. <i>Journal of Clinical Investigation</i> , 2015, 126, 112-122.	8.2	68
14	Venous Congestion and Endothelial Cell Activation in Acute Decompensated Heart Failure. <i>Current Heart Failure Reports</i> , 2010, 7, 66-74.	3.3	63
15	Diet-induced obesity causes long QT and reduces transcription of voltage-gated potassium channels. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 59, 151-158.	1.9	60
16	Management of Arrhythmias Associated with COVID-19. <i>Current Cardiology Reports</i> , 2021, 23, 2.	2.9	51
17	The Prognostic Value of Electrocardiogram at Presentation to Emergency Department in Patients With COVID-19. <i>Mayo Clinic Proceedings</i> , 2020, 95, 2099-2109.	3.0	43
18	Clinical and cardiac characteristics of COVID-19 mortalities in a diverse New York City Cohort. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 3086-3096.	1.7	37

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19	Preclinical Evidence That Trametinib Enhances the Response to Antiangiogenic Tyrosine Kinase Inhibitors in Renal Cell Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 172-183.	4.1	35
20	Admission Cardiac Diagnostic Testing with Electrocardiography and Troponin Measurement Prognosticates Increased 30-Day Mortality in COVID-19. <i>Journal of the American Heart Association</i> , 2021, 10, e018476.	3.7	35
21	Cardiac Corrected QT Interval Changes Among Patients Treated for COVID-19 Infection During the Early Phase of the Pandemic. <i>JAMA Network Open</i> , 2021, 4, e216842.	5.9	35
22	Secondhand Smoking Is Associated With Vascular Inflammation. <i>Chest</i> , 2015, 148, 112-119.	0.8	34
23	Restructuring Structural Heart Disease Practice During the COVID-19 Pandemic. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2974-2983.	2.8	32
24	Structure and function of the ventricular tachycardia isthmus. <i>Heart Rhythm</i> , 2022, 19, 137-153.	0.7	31
25	3D Myocardial Elastography <i>In Vivo</i>. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 618-627.	8.9	28
26	Survey of current perspectives on consumer-available digital health devices for detecting atrial fibrillation. <i>Cardiovascular Digital Health Journal</i> , 2020, 1, 21-29.	1.3	28
27	Metformin Is Associated With a Lower Risk of Atrial Fibrillation and Ventricular Arrhythmias Compared With Sulfonylureas. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009115.	4.8	26
28	Validation of electromechanical wave imaging in a canine model during pacing and sinus rhythm. <i>Heart Rhythm</i> , 2016, 13, 2221-2227.	0.7	22
29	Dietary Saturated Fat Promotes Arrhythmia by Activating NOX2 (NADPH Oxidase 2). <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007573.	4.8	21
30	Reduced vascular smooth muscle BK channel current underlies heart failure-induced vasoconstriction in mice. <i>FASEB Journal</i> , 2013, 27, 1859-1867.	0.5	20
31	Assessing the atrial electromechanical coupling during atrial focal tachycardia, flutter, and fibrillation using electromechanical wave imaging in humans. <i>Computers in Biology and Medicine</i> , 2015, 65, 161-167.	7.0	20
32	Electromechanical wave imaging (EWI) validation in all four cardiac chambers with 3D electroanatomic mapping in canines <i>in vivo</i>. <i>Physics in Medicine and Biology</i> , 2016, 61, 8105-8119.	3.0	20
33	Leadless pacemaker implantation: A feasible and reasonable option in transcatheter heart valve replacement patients. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 542-547.	1.2	20
34	Digital Health and the Care of the Patient With Arrhythmia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007953.	4.8	20
35	Cardiac electrophysiology consultative experience at the epicenter of the COVID-19 pandemic in the United States. <i>Indian Pacing and Electrophysiology Journal</i> , 2020, 20, 250-256.	0.6	20
36	Management of Arrhythmias After Heart Transplant. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e007954.	4.8	19

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37	Heterogeneity of the action potential duration is required for sustained atrial fibrillation. JCI Insight, 2019, 4, .	5.0	17
38	Attenuating persistent sodium currentâ€“induced atrial myopathy and fibrillation by preventing mitochondrial oxidative stress. JCI Insight, 2021, 6, .	5.0	17
39	Fibroblast growth factor homologous factors tune arrhythmogenic late NaV1.5 current in calmodulin bindingâ€“deficient channels. JCI Insight, 2020, 5, .	5.0	16
40	Restructuring Electrophysiology During the COVID-19 Pandemic: A Practical Guide From a New York City Hospital Network. Critical Pathways in Cardiology, 2020, 19, 105-111.	0.5	14
41	Noninvasive localization of cardiac arrhythmias using electromechanical wave imaging. Science Translational Medicine, 2020, 12, .	12.4	14
42	Malignant ventricular arrhythmias in patients with severe acute respiratory distress syndrome due to COVID-19 without significant structural heart disease. HeartRhythm Case Reports, 2020, 6, 858-862.	0.4	14
43	Performance of electrophysiology procedures at an academic medical center amidst the 2020 coronavirus (COVIDâ€“19) pandemic. Journal of Cardiovascular Electrophysiology, 2020, 31, 1249-1254.	1.7	13
44	Towards real-time multispectral endoscopic imaging for cardiac lesion quality assessment. Biomedical Optics Express, 2019, 10, 2829.	2.9	13
45	Technical Note: A 3â€“D rendering algorithm for electromechanical wave imaging of a beating heart. Medical Physics, 2017, 44, 4766-4772.	3.0	12
46	Localization of Accessory Pathwaysâ€“in Pediatric Patients With Wolff-Parkinson-White Syndrome Using 3D-Rendered Electromechanical Wave Imaging. JACC: Clinical Electrophysiology, 2019, 5, 427-437.	3.2	12
47	Implantation of cardiac electronic devices in active COVID-19 patients: Results from an international survey. Heart Rhythm, 2022, 19, 206-216.	0.7	12
48	Autonomic dysfunction postâ€“acute COVID-19 infection. HeartRhythm Case Reports, 2022, 8, 143-146.	0.4	12
49	Arrhythmias in the COVID-19 patient. Heart Rhythm O2, 2022, 3, 8-14.	1.7	12
50	Cardiac Implantable Electronic Devices Following Heart Transplantation. JACC: Clinical Electrophysiology, 2020, 6, 1028-1042.	3.2	11
51	Frequency of Atrial Arrhythmia in Hospitalized Patients With COVID-19. American Journal of Cardiology, 2021, 147, 52-57.	1.6	11
52	The mitochondrial calcium uniporter promotes arrhythmias caused by high-fat diet. Scientific Reports, 2021, 11, 17808.	3.3	11
53	Evolution of tricuspid valve regurgitation after implantation of a leadless pacemaker: A single center experience, systematic review, and metaâ€“analysis. Journal of Cardiovascular Electrophysiology, 2022, 33, 1617-1627.	1.7	11
54	The PDZ Motif of the Î±1C Subunit Is Not Required for Surface Trafficking and Adrenergic Modulation of CaV1.2 Channel in the Heart. Journal of Biological Chemistry, 2015, 290, 2166-2174.	3.4	9

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55	Conduction Abnormalities Associated with Tricuspid Annuloplasty in Cardiac Transplantation. <i>ASAIO Journal</i> , 2019, 65, 707-711.	1.6	9
56	HRS White Paper on Clinical Utilization of Digital Health Technology. <i>Cardiovascular Digital Health Journal</i> , 2021, 2, 196-211.	1.3	9
57	Non-invasive Characterization of Focal Arrhythmia with Electromechanical Wave Imaging in Vivo. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 2241-2249.	1.5	8
58	Feasibility of near-infrared spectroscopy as a tool for anatomical mapping of the human epicardium. <i>Biomedical Optics Express</i> , 2020, 11, 4099.	2.9	8
59	Slow uniform electrical activation during sinus rhythm is an indicator of reentrant VT isthmus location and orientation in an experimental model of myocardial infarction. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 196, 105666.	4.7	7
60	Predictors of atrial fibrillation on implantable cardiac monitoring for cryptogenic stroke. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 65, 7-14.	1.3	6
61	Atrial Fibrillation Is Associated with Recurrent Ventricular Arrhythmias After LVAD Implant: Incidence and Impact in a Consecutive Series. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 199-203.	2.4	5
62	A Nurse-led Approach to Improving Cardiac Lifestyle Modification in an Atrial Fibrillation Population. <i>Journal of Innovations in Cardiac Rhythm Management</i> , 2019, 10, 3826-3835.	0.5	5
63	Atrial Tachycardias After Atrial Fibrillation Ablation Manifest Different Waveform Characteristics: Implications for Characterizing Tachycardias. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 1187-1195.	1.7	4
64	Off-Pump Epicardial Atrial Fibrillation Surgery Utilizing a Novel Bipolar Radiofrequency System. <i>Heart Surgery Forum</i> , 2006, 9, E803-E806.	0.5	4
65	Cardiac Sympathetic Denervation for the Management of Ventricular Arrhythmias. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 65, 813-826.	1.3	4
66	Year in Review in Cardiac Electrophysiology. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008733.	4.8	3
67	Theoretical Models and Computational Analysis of Action Potential Dispersion for Cardiac Arrhythmia Risk Stratification. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 649489.	2.4	3
68	Electromechanical wave imaging and electromechanical wave velocity estimation in a large animal model of myocardial infarction. <i>Physics in Medicine and Biology</i> , 2017, 62, 9341-9356.	3.0	2
69	Addressing challenges of quantitative methodologies and event interpretation in the study of atrial fibrillation. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 178, 113-122.	4.7	2
70	Increased Incidence of Chronic Kidney Injury in African Americans Following Cardiac Transplantation. <i>Journal of Racial and Ethnic Health Disparities</i> , 2021, 8, 1435-1446.	3.2	2
71	Cardiac Resynchronization Therapy Response Assessment with Electromechanical Activation Mapping within 24 Hours of Device Implantation: AAPilot Study. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 757-766.e8.	2.8	2
72	Matter of Fat. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1313-1315.	4.8	1

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73	Gender Differences in Atrial Fibrillation. , 2017, 1, 26-33.	0.8	1
74	Leadless Pacemakers after Cardiac Transplantation. ASAIO Journal, 2020, 66, e57-e57.	1.6	1
75	Integrated electrophysiology care for patients with heart failure: An envisioned future. Heart Rhythm, 2021, 18, e51-e63.	0.7	1
76	Pandemic Highlights Disparities in Health Care. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009908.	4.8	1
77	Sex and Race Disparities in Presumed Sudden Cardiac Death: One Size Does Not Fit All. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010053.	4.8	1
78	High-density Grid Mapping of Micro- and Macro-reentrant Left Atrial Arrhythmias. Journal of Innovations in Cardiac Rhythm Management, 2020, 12, 28-30.	0.5	1
79	Risk factor management of atrial fibrillation using mHealth: The Atrial Fibrillation “ Helping Address Care with Remote Technology (AF-HEART) Pilot Study. Cardiovascular Digital Health Journal, 2022, 3, 14-20.	1.3	1
80	PO-633-03 RIGHT VENTRICULAR PRESSURE ANALYSIS ASSESSING THE IMPACT OF DIFFERENT PACING STRATEGIES DURING A LEFT VENTRICULAR ASSIST DEVICE SPEED OPTIMIZATION STUDY. Heart Rhythm, 2022, 19, S176.	0.7	1
81	Parsing a perplexing paroxysmal pathway. HeartRhythm Case Reports, 2015, 1, 453-456.	0.4	0
82	Notice of Removal: Multi-2D reconstruction of electromechanical activation maps of a beating heart. , 2017, , .		0
83	B-PO05-164 AUTONOMIC DYSFUNCTION POST-COVID-19 INFECTION. Heart Rhythm, 2021, 18, S439.	0.7	0
84	B-PO04-007 PANORAMIC OPTICAL MAPPING AND MICRO COMPUTED TOMOGRAPHY FOR IN-DEPTH 3D CHARACTERIZATION OF THE ARRHYTHMOGENIC SUBSTRATE IN MURINE HEARTS. Heart Rhythm, 2021, 18, S282-S283.	0.7	0
85	High-density Grid Technology Aids in the Visualization of Purkinje Potentials in Fascicular Ventricular Tachycardia. Journal of Innovations in Cardiac Rhythm Management, 2020, 12, 56-59.	0.5	0
86	CI-569-02 CONDUCTION SYSTEM PACING FOR CARDIAC RESYNCHRONIZATION THERAPY IN PATIENTS WITH HEART FAILURE. Heart Rhythm, 2022, 19, S97.	0.7	0
87	Diversity, Equity, and Inclusion in Cardiac Electrophysiology: It Is Imperative Now and for Our Future. Circulation: Arrhythmia and Electrophysiology, 0, , .	4.8	0