

David D Spragg

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

4,074
citations

168829

31
h-index

139680

61
g-index

109
all docs

109
docs citations

109
times ranked

4791
citing authors

#	ARTICLE	IF	CITATIONS
1	Safety and efficacy of cryoballoon versus radiofrequency ablation for atrial fibrillation in elderly patients: A real-world evidence. <i>Indian Pacing and Electrophysiology Journal</i> , 2022, 22, 24-29.	0.3	2
2	Left Atrial Ablation for the Management of Atrial Tachyarrhythmias in Patients with Pulmonary Hypertension: A Case Series. <i>HeartRhythm Case Reports</i> , 2022, 8, 275-279.	0.2	1
3	Beyond PVI for PAF? Don't just do somethingâ€”Stand there!. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, 33, 218-219.	0.8	0
4	The AF tsunami, feeâ€”forâ€”service medicine, and the role of selfâ€”governance. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, 33, 1992-1993.	0.8	0
5	Long-Term Outcomes in Patients With a Left Ejection Fraction \hat{A} %15% Undergoing Cardiac Resynchronization Therapy. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 36-46.	1.3	7
6	Repeat catheter ablation for recurrent atrial fibrillation: Electrophysiologic findings and clinical outcomes. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 628-638.	0.8	14
7	The role of timing in treatment of atrial fibrillation: An AFFIRM substudy. <i>Heart Rhythm</i> , 2021, 18, 674-681.	0.3	20
8	Ablation outcomes for atypical atrial flutter versus recurrent atrial fibrillation following index pulmonary vein isolation. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 1631-1639.	0.8	3
9	Presence of Left Atrial Fibrosis May Contribute to Aberrant Hemodynamics and Increased Risk of Stroke in Atrial Fibrillation Patients. <i>Frontiers in Physiology</i> , 2021, 12, 657452.	1.3	17
10	Transition from transesophageal echocardiography to cardiac computed tomography for the evaluation of left atrial appendage thrombus prior to atrial fibrillation ablation and incidence of cerebrovascular events during the COVIDâ€”19 pandemic. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 3125-3134.	0.8	5
11	Shortâ€”and longâ€”term associations of atrial fibrillation catheter ablation with left atrial structure and function: A cardiac magnetic resonance study. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 316-324.	0.8	5
12	Electrocardiographic predictors of pacemaker battery depletion: Diagnostic sensitivity, specificity, and clinical risk. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 2-9.	0.5	4
13	Preprocedure Application of Machine Learning and Mechanistic Simulations Predicts Likelihood of Paroxysmal Atrial Fibrillation Recurrence Following Pulmonary Vein Isolation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008213.	2.1	65
14	Utility of Cardiac MRI in Atrial Fibrillation Management. <i>Cardiac Electrophysiology Clinics</i> , 2020, 12, 131-139.	0.7	4
15	Association between interatrial block, left atrial fibrosis, and mechanical dyssynchrony: Electrocardiographyâ€”magnetic resonance imaging correlation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1719-1725.	0.8	26
16	Atrial fibrillation ablationâ€”induced gastroparesis: Aâ€”case report and literature review. <i>HeartRhythm Case Reports</i> , 2020, 6, 249-252.	0.2	6
17	Managing cardiac implantable electronic device patients during a health care crisis: Practical guidance. <i>Heart Rhythm O2</i> , 2020, 1, 222-226.	0.6	3
18	Cryoballoon Ablation of Atrial Fibrillation in Octogenarians. <i>Arrhythmia and Electrophysiology Review</i> , 2020, 9, 104-107.	1.3	9

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19	Unregulated online sales of cardiac implantable electronic devices in the United States: A six-month assessment. <i>Heart Rhythm O2</i> , 2020, 1, 235-238.	0.6	8
20	Computationally guided personalized targeted ablation of persistent atrial fibrillation. <i>Nature Biomedical Engineering</i> , 2019, 3, 870-879.	11.6	170
21	Predictors and Incidence of Atrial Flutter After Catheter Ablation of Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2019, 124, 1690-1696.	0.7	12
22	Heart rate increase after pulmonary vein isolation predicts freedom from atrial fibrillation at 1 year. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 2818-2822.	0.8	15
23	Machine Learning Prediction of Response to Cardiac Resynchronization Therapy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007316.	2.1	76
24	Periatrial Fat Quality Predicts Atrial Fibrillation Ablation Outcome. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008764.	1.3	28
25	Arrhythmogenic propensity of the fibrotic substrate after atrial fibrillation ablation: a longitudinal study using magnetic resonance imaging-based atrial models. <i>Cardiovascular Research</i> , 2019, 115, 1757-1765.	1.8	43
26	Intra-Atrial Dyssynchrony During Sinus Rhythm Predicts Recurrence After the First Catheter Ablation for Atrial Fibrillation. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 310-319.	2.3	29
27	Electrical latency predicts the optimal left ventricular endocardial pacing site: results from a multicentre international registry. <i>Europace</i> , 2018, 20, 1989-1996.	0.7	6
28	Response by Zghaib et al to Letter Regarding Article, "Standard Ablation Versus Magnetic Resonance Imaging-Guided Ablation in the Treatment of Ventricular Tachycardia". <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006413.	2.1	3
29	The Extent of Left Atrial Low-Voltage Areas Included in Pulmonary Vein Isolation Is Associated With Freedom from Recurrent Atrial Arrhythmia. <i>Canadian Journal of Cardiology</i> , 2018, 34, 73-79.	0.8	25
30	Multimodal Examination of Atrial Fibrillation Substrate. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 59-68.	1.3	44
31	Standard Ablation Versus Magnetic Resonance Imaging-Guided Ablation in the Treatment of Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005973.	2.1	39
32	Relation of Electrocardiographic Left Atrial Abnormalities to Risk of Stroke in Patients with Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2018, 122, 242-247.	0.7	5
33	A Dubious Achievement. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 418-419.	1.3	0
34	Current management and clinical outcomes for catheter ablation of atrioventricular nodal re-entrant tachycardia. <i>Europace</i> , 2018, 20, e51-e59.	0.7	40
35	Mechanical dyssynchrony of the left atrium during sinus rhythm is associated with history of stroke in patients with atrial fibrillation. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 433-441.	0.5	23
36	Increased rates of atrial fibrillation recurrence following pulmonary vein isolation in overweight and obese patients. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 239-245.	0.8	57

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37	Initiation of a High-Frequency Jet Ventilation Strategy for Catheter Ablation for Atrial Fibrillation. JACC: Clinical Electrophysiology, 2018, 4, 1519-1525.	1.3	22
38	Veracity of Voltage Mapping During Atrial Fibrillation and Flutter. JACC: Clinical Electrophysiology, 2018, 4, 1553-1555.	1.3	2
39	The Symptoms and Clinical events associated with Automatic Reprogramming (SCARE) at replacement notification study. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 1611-1618.	0.5	7
40	The Fibrotic Substrate in Persistent Atrial Fibrillation Patients: Comparison Between Predictions From Computational Modeling and Measurements From Focal Impulse and Rotor Mapping. Frontiers in Physiology, 2018, 9, 1151.	1.3	31
41	Worldwide pacemaker and defibrillator reuse: Systematic review and meta-analysis of contemporary trials. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 1500-1507.	0.5	19
42	How can we reduce the incidence of atrial-esophageal fistula?. Journal of Cardiovascular Electrophysiology, 2018, 29, 1352-1354.	0.8	2
43	Is human atrial fibrillation stochastic or deterministic? Insights from missing ordinal patterns and causal entropy-complexity plane analysis. Chaos, 2018, 28, 063130.	1.0	15
44	Impact of rotor temperospatial stability on acute and one-year atrial fibrillation ablation outcomes. Clinical Cardiology, 2017, 40, 383-389.	0.7	13
45	Trends in Transesophageal Echocardiography Use, Findings, and Clinical Outcomes in the Era of Minimally Interrupted Anticoagulation for Atrial Fibrillation Ablation. JACC: Clinical Electrophysiology, 2017, 3, 329-336.	1.3	21
46	Clinical recognition of pacemaker battery depletion and automatic reprogramming. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 969-974.	0.5	9
47	Association of Rate-Dependent Conduction Block Between Eccentric Coronary Sinus to Left Atrial Connections With Inducible Atrial Fibrillation and Flutter. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	2.1	8
48	First report of dabigatran reversal in iatrogenic pericardial tamponade during catheter ablation of atrial fibrillation. HeartRhythm Case Reports, 2017, 3, 566-567.	0.2	3
49	Effect of PR interval prolongation on long-term outcomes in patients with left bundle branch block vs non-left bundle branch block morphologies undergoing cardiac resynchronization therapy. Heart Rhythm, 2017, 14, 1523-1528.	0.3	17
50	Ablation as targeted perturbation to rewire communication network of persistent atrial fibrillation. PLoS ONE, 2017, 12, e0179459.	1.1	16
51	Clinical predictors of cardiac magnetic resonance late gadolinium enhancement in patients with atrial fibrillation. Europace, 2016, 19, euw019.	0.7	25
52	Left Ventricular Endocardial Pacing for Cardiac Resynchronization Therapy. JACC: Clinical Electrophysiology, 2016, 2, 423-425.	1.3	0
53	Non-invasive electromechanical activation imaging as a tool to study left ventricular dyssynchronous patients: Implication for CRT therapy. Journal of Electrocardiology, 2016, 49, 375-382.	0.4	11
54	Association of left atrial epicardial adipose tissue with electrogram bipolar voltage and fractionation: Electrophysiologic substrates for atrial fibrillation. Heart Rhythm, 2016, 13, 2333-2339.	0.3	40

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55	Factors impacting complication rates for catheter ablation of atrial fibrillation from 2003 to 2015. <i>Europace</i> , 2016, 19, euw178.	0.7	35
56	Insights from Novel Noninvasive CT and ECG Imaging Modalities on Electromechanical Myocardial Activation in a Canine Model of Ischemic Dyssynchronous Heart Failure. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 1454-1461.	0.8	3
57	ICD Therapy—Can We Make a Life-Saving Device Less Lethal?. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 200-202.	0.8	3
58	The association of baseline left atrial structure and function measured with cardiac magnetic resonance and pulmonary vein isolation outcome in patients with drug-refractory atrial fibrillation. <i>Heart Rhythm</i> , 2016, 13, 1037-1044.	0.3	39
59	Left Atrial LGE and Arrhythmia Recurrence Following Pulmonary Vein Isolation for Paroxysmal and Persistent AF. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 142-148.	2.3	94
60	Association of Left Atrial Local Conduction Velocity With Late Gadolinium Enhancement on Cardiac Magnetic Resonance in Patients With Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, e002897.	2.1	77
61	Association Between Left Atrial Stiffness Index and Atrial Fibrillation Recurrence in Patients Undergoing Left Atrial Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	2.1	65
62	MRI Evaluation of Radiofrequency, Cryothermal, and Laser Left Atrial Lesion Formation in Patients with Atrial Fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015, 38, 1317-1324.	0.5	23
63	An unusual long RP tachycardia: What is the mechanism?. <i>Heart Rhythm</i> , 2015, 12, 845-846.	0.3	5
64	Comparison of preexisting and ablation-induced late gadolinium enhancement on left atrial magnetic resonance imaging. <i>Heart Rhythm</i> , 2015, 12, 668-672.	0.3	25
65	Association of Left Atrial Function and Left Atrial Enhancement in Patients With Atrial Fibrillation. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e002769.	1.3	141
66	The association of left atrial low-voltage regions on electroanatomic mapping with low attenuation regions on cardiac computed tomography perfusion imaging in patients with atrial fibrillation. <i>Heart Rhythm</i> , 2015, 12, 857-864.	0.3	27
67	Comparative Efficacy of Cardiac Resynchronization Therapy in Africans Americans Compared With European Americans. <i>American Journal of Cardiology</i> , 2015, 116, 1101-1105.	0.7	2
68	Safety of Novel Oral Anticoagulants Compared With Uninterrupted Warfarin for Catheter Ablation of Atrial Fibrillation. <i>Annals of Pharmacotherapy</i> , 2015, 49, 278-284.	0.9	57
69	Long-Term Outcomes in Patients With Ambulatory New York Heart Association Class III and IV Heart Failure Undergoing Cardiac Resynchronization Therapy. <i>American Journal of Cardiology</i> , 2015, 115, 82-85.	0.7	15
70	Pre-Implant Assessment For Optimal LV Lead Placement In CRT: ECG, ECHO, or MRI?. <i>Journal of Atrial Fibrillation</i> , 2015, 8, 1280.	0.5	1
71	One Size Doesn't Fit All: AF Ablation, Complications, and Patients with Structural Heart Disease. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 250-252.	0.8	1
72	The Association of Pre-Existing Left Atrial Fibrosis with Clinical Variables in Patients Referred for Catheter Ablation of Atrial Fibrillation. <i>Clinical Medicine Insights: Cardiology</i> , 2014, 8s1, CMC.S15036.	0.6	21

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73	Protein Biomarkers Identify Patients Unlikely to Benefit From Primary Prevention Implantable Cardioverter Defibrillators. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 1084-1091.	2.1	47
74	Durability of the survival effect of cardiac resynchronization therapy by level of left ventricular functional improvement: Fate of "nonresponders". <i>Heart Rhythm</i> , 2014, 11, 412-416.	0.3	45
75	Magnetic resonance image intensity ratio, a normalized measure to enable interpatient comparability of left atrial fibrosis. <i>Heart Rhythm</i> , 2014, 11, 85-92.	0.3	146
76	Survival of Patients With Biventricular Devices After Device Infection, Extraction, and Reimplantation. <i>JACC: Heart Failure</i> , 2013, 1, 508-513.	1.9	21
77	Role of Magnetic Resonance Imaging of Atrial Fibrosis in Atrial Fibrillation Ablation. <i>Arrhythmia and Electrophysiology Review</i> , 2013, 2, 124.	1.3	5
78	Safety and Efficacy of Atrial Fibrillation Ablation in Young Patients. <i>Journal of Atrial Fibrillation</i> , 2013, 6, 915.	0.5	3
79	Left Atrial Fibrosis: Role in Atrial Fibrillation Pathophysiology and Treatment Outcomes. <i>Journal of Atrial Fibrillation</i> , 2013, 5, 810.	0.5	11
80	Early Repolarization, Rare Diseases, and the Utility of Bayesian Analysis. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 945-947.	0.8	1
81	Initial experience with magnetic resonance imaging of atrial scar and co-registration with electroanatomic voltage mapping during atrial fibrillation: Success and limitations. <i>Heart Rhythm</i> , 2012, 9, 2003-2009.	0.3	160
82	Collateral Damage During Ablation of Atrial Fibrillation - Lessons Learnt in the Past Decade. <i>Journal of Atrial Fibrillation</i> , 2012, 4, 478.	0.5	0
83	Complications arising from catheter ablation of atrial fibrillation: Temporal trends and predictors. <i>Heart Rhythm</i> , 2011, 8, 1869-1874.	0.3	168
84	An Unusual Case of Asystole following Penetrating Neck Trauma and Anoxic Brain Injury. <i>Case Reports in Cardiology</i> , 2011, 2011, 1-4.	0.1	0
85	Fusion of imaging technologies: how, when, and for whom?. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2011, 32, 195-203.	0.6	16
86	Inappropriate Biventricular Implantable Cardioverter Defibrillator Firing Due to Cryptogenic Double Counting. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2010, 33, 486-490.	0.5	0
87	A Prospective Study Evaluating the Role of Obesity and Obstructive Sleep Apnea for Outcomes After Catheter Ablation of Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2010, 21, 521-525.	0.8	103
88	Optimal Left Ventricular Endocardial Pacing Sites for Cardiac Resynchronization Therapy in Patients With Ischemic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2010, 56, 774-781.	1.2	176
89	Resolution of Expressive Aphasia. <i>Circulation</i> , 2009, 120, 645-645.	1.6	1
90	Incidence and Predictors of Left Atrial Thrombus Prior to Catheter Ablation of Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 379-384.	0.8	168

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91	Incidence and Predictors of Periprocedural Cerebrovascular Accident in Patients Undergoing Catheter Ablation of Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 1357-1363.	0.8	117
92	Acute subclavian vein occlusion complicating biventricular ICD implantation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2008, 22, 75-77.	0.6	2
93	Complications of Catheter Ablation for Atrial Fibrillation: Incidence and Predictors. <i>Journal of Cardiovascular Electrophysiology</i> , 2008, 19, 627-631.	0.8	255
94	How to avoid inappropriate shocks. <i>Heart Rhythm</i> , 2008, 5, 762-765.	0.3	13
95	Catheter Ablation for AF : Past, Present and Future. <i>Journal of Atrial Fibrillation</i> , 2008, 1, 102.	0.5	0
96	Impact of Heart Rhythm Status on Registration Accuracy of the Left Atrium for Catheter Ablation of Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2007, 18, 1269-1276.	0.8	143
97	Opportunistic Access: Successful Retrograde Guide Wire Advancement to the Pocket Through a Track Created by Laser Lead Extraction. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2006, 29, 1315-1316.	0.5	1
98	Pathobiology of Left Ventricular Dyssynchrony and Resynchronization. <i>Progress in Cardiovascular Diseases</i> , 2006, 49, 26-41.	1.6	106
99	Abnormal conduction and repolarization in late-activated myocardium of dyssynchronously contracting hearts. <i>Cardiovascular Research</i> , 2005, 67, 77-86.	1.8	125
100	Mechanisms Underlying Conduction Slowing and Arrhythmogenesis in Nonischemic Dilated Cardiomyopathy. <i>Circulation Research</i> , 2004, 95, 717-725.	2.0	282
101	Regional Alterations in Protein Expression in the Dyssynchronous Failing Heart. <i>Circulation</i> , 2003, 108, 929-932.	1.6	249
102	Pathobiology of Left Ventricular Dyssynchrony and Resynchronization. , 0 , 31-56.		0