

# Justin Gould Mbbs

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

794  
citations

567281

15  
h-index

642732

23  
g-index

62  
all docs

62  
docs citations

62  
times ranked

849  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding non-response to cardiac resynchronisation therapy: common problems and potential solutions. <i>Heart Failure Reviews</i> , 2019, 24, 41-54.	3.9	59
2	A publicly available virtual cohort of four-chamber heart meshes for cardiac electro-mechanics simulations. <i>PLoS ONE</i> , 2020, 15, e0235145.	2.5	59
3	Comprehensive use of cardiac computed tomography to guide left ventricular lead placement in cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2017, 14, 1364-1372.	0.7	48
4	His-bundle and left bundle pacing with optimized atrioventricular delay achieve superior electrical synchrony over endocardial and epicardial pacing in left bundle branch block patients. <i>Heart Rhythm</i> , 2020, 17, 1922-1929.	0.7	44
5	Risk stratification of patients undergoing transvenous lead extraction with the ELECTRa Registry Outcome Score (EROS): an ESC EHRA EORP European lead extraction ConTRolled ELECTRa registry analysis. <i>Europace</i> , 2021, 23, 1462-1471.	1.7	38
6	The Emerging Role of Cardiac Magnetic Resonance Imaging in the Evaluation of Patients with HFpEF. <i>Current Heart Failure Reports</i> , 2018, 15, 1-9.	3.3	36
7	Mean entropy predicts implantable cardioverter-defibrillator therapy using cardiac magnetic resonance texture analysis of scar heterogeneity. <i>Heart Rhythm</i> , 2019, 16, 1242-1250.	0.7	24
8	Emerging role of cardiac computed tomography in heart failure. <i>ESC Heart Failure</i> , 2019, 6, 909-920.	3.1	23
9	Beat-to-Beat Variability of Ventricular Action Potential Duration Oscillates at Low Frequency During Sympathetic Provocation in Humans. <i>Frontiers in Physiology</i> , 2018, 9, 147.	2.8	22
10	The effect of centre volume and procedure location on major complications and mortality from transvenous lead extraction: an ESC EHRA EORP European Lead Extraction ConTRolled ELECTRa registry subanalysis. <i>Europace</i> , 2020, 22, 1718-1728.	1.7	22
11	Completely Leadless Cardiac Resynchronization Defibrillator System. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 588-589.	3.2	21
12	Predictors of mortality and outcomes in transvenous lead extraction for systemic and local infection cohorts. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 73-84.	1.2	20
13	Autonomic Modulation in Patients with Heart Failure Increases Beat-to-Beat Variability of Ventricular Action Potential Duration. <i>Frontiers in Physiology</i> , 2017, 8, 328.	2.8	19
14	Guidance for Optimal Site Selection of a Leadless Left Ventricular Endocardial Electrode Improves Acute Hemodynamic Response and Chronic Remodeling. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 860-868.	3.2	19
15	Long-term survival following transvenous lead extraction: Importance of indication and comorbidities. <i>Heart Rhythm</i> , 2021, 18, 1566-1576.	0.7	19
16	Leadless left ventricular endocardial pacing in nonresponders to conventional cardiac resynchronization therapy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 966-973.	1.2	17
17	Chronic Right Ventricular Pacing in the Heart Failure Population. <i>Current Heart Failure Reports</i> , 2018, 15, 61-69.	3.3	16
18	The role of transvenous lead extraction in the management of redundant or malfunctioning pacemaker and defibrillator leads post ELECTRa. <i>Europace</i> , 2018, 20, 1733-1740.	1.7	16

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19	Updates in Cardiac Resynchronization Therapy for Chronic Heart Failure: Review of Multisite Pacing. <i>Current Heart Failure Reports</i> , 2017, 14, 376-383.	3.3	15
20	Sex-Dependent QRS Guidelines for Cardiac Resynchronization Therapy Using Computer Model Predictions. <i>Biophysical Journal</i> , 2019, 117, 2375-2381.	0.5	14
21	Feasibility of intraprocedural integration of cardiac CT to guide left ventricular lead implantation for CRT upgrades. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 802-812.	1.7	14
22	Interpretable Deep Models for Cardiac Resynchronisation Therapy Response Prediction. <i>Lecture Notes in Computer Science</i> , 2020, 2020, 284-293.	1.3	14
23	Optimal site selection and image fusion guidance technology to facilitate cardiac resynchronization therapy. <i>Expert Review of Medical Devices</i> , 2018, 15, 555-570.	2.8	13
24	Prolonged lead dwell time and lead burden predict bailout transfemoral lead extraction. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 1355-1364.	1.2	13
25	Leadless left ventricular endocardial pacing for CRT upgrades in previously failed and high-risk patients in comparison with coronary sinus CRT upgrades. <i>Europace</i> , 2021, 23, 1577-1585.	1.7	13
26	Automated Left Ventricle Ischemic Scar Detection in CT Using Deep Neural Networks. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 655252.	2.4	12
27	Optimization of CRT programming using non-invasive electrocardiographic imaging to assess the acute electrical effects of multipoint pacing. <i>Journal of Arrhythmia</i> , 2019, 35, 267-275.	1.2	11
28	Left ventricular activation-recovery interval variability predicts spontaneous ventricular tachyarrhythmia in patients with heart failure. <i>Heart Rhythm</i> , 2019, 16, 702-709.	0.7	11
29	Transvenous lead extraction in patients with cardiac resynchronization therapy devices is not associated with increased 30-day mortality. <i>Europace</i> , 2019, 21, 928-936.	1.7	10
30	Multipoint pacing for cardiac resynchronisation therapy in patients with heart failure: A systematic review and meta-analysis. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 2577-2589.	1.7	10
31	Technical feasibility of leadless left bundle branch area pacing for cardiac resynchronisation: a case series. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab379.	0.6	10
32	A multimodal deep learning model for cardiac resynchronisation therapy response prediction. <i>Medical Image Analysis</i> , 2022, 79, 102465.	11.6	8
33	Non-invasive electrophysiological assessment of the optimal configuration of quadripolar lead vectors on ventricular activation times. <i>Journal of Electrocardiology</i> , 2018, 51, 714-719.	0.9	7
34	Comparison of Echocardiographic and Electrocardiographic Mapping for Cardiac Resynchronisation Therapy Optimisation. <i>Cardiology Research and Practice</i> , 2019, 2019, 1-9.	1.1	7
35	Complex Interaction Between Low-Frequency APD Oscillations and Beat-to-Beat APD Variability in Humans Is Governed by the Sympathetic Nervous System. <i>Frontiers in Physiology</i> , 2019, 10, 1582.	2.8	7
36	Electrical latency predicts the optimal left ventricular endocardial pacing site: results from a multicentre international registry. <i>Europace</i> , 2018, 20, 1989-1996.	1.7	6

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37	Complications associated with cardiac resynchronization therapy upgrades versus <i>de novo</i> implantations. Expert Review of Cardiovascular Therapy, 2018, 16, 607-615.	1.5	6
38	Economic evaluation of a dedicated cardiac resynchronisation therapy preassessment clinic. Open Heart, 2020, 7, e001249.	2.3	6
39	Financial and resource costs of transvenous lead extraction in a high-volume lead extraction centre. Heart, 2020, 106, 931-937.	2.9	6
40	Tracking the motion of intracardiac structures aids the development of future leadless pacing systems. Journal of Cardiovascular Electrophysiology, 2020, 31, 2431-2439.	1.7	6
41	Noninvasive electrocardiographic assessment of ventricular activation and remodeling response to cardiac resynchronization therapy. Heart Rhythm O2, 2021, 2, 12-18.	1.7	6
42	A comparison of the different features of quadripolar left ventricular pacing leads to deliver cardiac resynchronization therapy. Expert Review of Medical Devices, 2017, 14, 697-706.	2.8	5
43	Predictors and outcomes of patients requiring repeat transvenous lead extraction of pacemaker and defibrillator leads. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 155-160.	1.2	5
44	The importance of leadless pacemaker positioning in relation to subcutaneous implantable cardioverter-defibrillator sensing in completely leadless cardiac resynchronization and defibrillation systems. HeartRhythm Case Reports, 2021, 7, 628-632.	0.4	5
45	Machine learningâ€derived major adverse event prediction of patients undergoing transvenous lead extraction: Using the ESC EHRA EORP European lead extraction ConTRolled ELECTRa registry. Heart Rhythm, 2022, 19, 885-893.	0.7	5
46	Evidence of reverse electrical remodelling by non-invasive electrocardiographic imaging to assess acute and chronic changes in bulk ventricular activation following cardiac resynchronisation therapy. Journal of Electrocardiology, 2020, 58, 96-102.	0.9	4
47	Non-invasive simulated electrical and measured mechanical indices predict response to cardiac resynchronization therapy. Computers in Biology and Medicine, 2021, 138, 104872.	7.0	4
48	OUP accepted manuscript. Europace, 2021, , .	1.7	4
49	High mean entropy calculated from cardiac MRI texture analysis is associated with antitachycardia pacing failure. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 737-745.	1.2	3
50	Hyperparameter optimisation and validation of registration algorithms for measuring regional ventricular deformation using retrospective gated computed tomography images. Scientific Reports, 2021, 11, 5718.	3.3	3
51	Multi-lead pacing for cardiac resynchronization therapy in heart failure: a meta-analysis of randomized controlled trials. European Heart Journal Open, 2022, 2, .	2.3	2
52	Pleural infection: a case where clinical improvement was misleading. BMJ Case Reports, 2013, 2013, bcr2013008700-bcr2013008700.	0.5	1
53	The effect of centre volume and procedure location on major complications and mortality from transvenous lead extraction: an ESC EHRA EORP European Lead Extraction ConTRolled ELECTRa Registry subanalysisâ€ Authorâ€™s reply. Europace, 2021, 23, 1149-1150.	1.7	1
54	Leadless Left Ventricular Endocardial Pacing and Left Bundle Branch Area Pacing for Cardiac Resynchronisation Therapy. Arrhythmia and Electrophysiology Review, 2021, 10, 45-50.	2.4	1

#	ARTICLE	IF	CITATIONS
55	Clinical effectiveness of a dedicated cardiac resynchronization therapy pre-assessment clinic incorporating cardiac magnetic resonance imaging and cardiopulmonary exercise testing on patient selection and outcomes. <i>IJC Heart and Vasculature</i> , 2021, 34, 100800.	1.1	1
56	Assessing long-term survival and hospitalization following transvenous lead extraction in patients with cardiac resynchronization therapy devices: A propensity score-matched analysis. <i>Heart Rhythm O2</i> , 2021, 2, 597-606.	1.7	1
57	Variation in activation time during bipolar vs extended bipolar left ventricular pacing. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1675-1681.	1.7	0
58	The physiological effects of cardiac resynchronization therapy on aortic and pulmonary flow and dynamic and static components of systemic impedance. <i>Heart Rhythm O2</i> , 2021, 2, 365-373.	1.7	0
59	Unilateral anhidrosis: a rare presentation of atrial myxoma?. <i>BMJ Case Reports</i> , 2012, 2012, bcr2012007891-bcr2012007891.	0.5	0
60	The effect of scar and pacing location on repolarization in a porcine myocardial infarction model. <i>Heart Rhythm O2</i> , 2022, 3, 186-195.	1.7	0