Justin Gould Mbbs

List of Publications by Year
in descending order

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	The effect of scar and pacing location on repolarization in a porcine myocardial infarction model. Heart Rhythm O2, 2022, 3, 186-195.	1.7	0
2	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
3	A multimodal deep learning model for cardiac resynchronisation therapy response prediction. Medical Image Analysis, 2022, 79, 102465.	11.6	8
4	Machine learning–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
5	Leadless left ventricular endocardial pacing for CRT upgrades in previously failed and high-risk patients in comparison with coronary sinus CRT upgrades. Europace, 2021, 23, 1577-1585.	1.7	13
6	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. Europace, 2021, 23, 1462-1471.	1.7	38
7	Feasibility of intraprocedural integration of cardiac CT to guide left ventricular lead implantation for CRT upgrades. Journal of Cardiovascular Electrophysiology, 2021, 32, 802-812.	1.7	14
8	Noninvasive electrocardiographic assessment of ventricular activation and remodeling response to cardiac resynchronization therapy. Heart Rhythm O2, 2021, 2, 12-18.	1.7	6
9	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
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–Author's reply. Europace, 2021, 23, 1149-1150.	1.7	1
11	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
12	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. IJC Heart and Vasculature, 2021, 34, 100800.	1.1	1
13	Automated Left Ventricle Ischemic Scar Detection in CT Using Deep Neural Networks. Frontiers in Cardiovascular Medicine, 2021, 8, 655252.	2.4	12
14	Multipoint pacing for cardiac resynchronisation therapy in patients with heart failure: A systematic review and meta‐analysis. Journal of Cardiovascular Electrophysiology, 2021, 32, 2577-2589.	1.7	10
15	The physiological effects of cardiac resynchronization therapy on aortic and pulmonary flow and dynamic and static components of systemic impedance. Heart Rhythm O2, 2021, 2, 365-373.	1.7	0
16	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
17	Long-term survival following transvenous lead extraction: Importance of indication and comorbidities. Heart Rhythm, 2021, 18, 1566-1576.	0.7	19
18	Technical feasibility of leadless left bundle branch area pacing for cardiac resynchronisation: a case series. European Heart Journal - Case Reports, 2021, 5, ytab379.	0.6	10

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19	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
20	OUP accepted manuscript. Europace, 2021, , .	1.7	4
21	Assessing long-term survival and hospitalization following transvenous lead extraction in patients with cardiac resynchronization therapy devices: A propensity score–matched analysis. Heart Rhythm O2, 2021, 2, 597-606.	1.7	1
22	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
23	Economic evaluation of a dedicated cardiac resynchronisation therapy preassessment clinic. Open Heart, 2020, 7, e001249.	2.3	6
24	Financial and resource costs of transvenous lead extraction in a high-volume lead extraction centre. Heart, 2020, 106, 931-937.	2.9	6
25	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. Europace, 2020, 22, 1718-1728.	1.7	22
26	Leadless left ventricular endocardial pacing in nonresponders to conventional cardiac resynchronization therapy. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 966-973.	1.2	17
27	Completely Leadless Cardiac Resynchronization Defibrillator System. JACC: Clinical Electrophysiology, 2020, 6, 588-589.	3.2	21
28	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
29	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. Heart Rhythm, 2020, 17, 1922-1929.	0.7	44
30	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
31	A publicly available virtual cohort of four-chamber heart meshes for cardiac electro-mechanics simulations. PLoS ONE, 2020, 15, e0235145.	2.5	59
32	Interpretable Deep Models for Cardiac Resynchronisation Therapy Response Prediction. Lecture Notes in Computer Science, 2020, 2020, 284-293.	1.3	14
33	Emerging role of cardiac computed tomography in heart failure. ESC Heart Failure, 2019, 6, 909-920.	3.1	23
34	Prolonged lead dwell time and lead burden predict bailout transfemoral lead extraction. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 1355-1364.	1.2	13
35	Sex-Dependent QRS Guidelines for Cardiac Resynchronization Therapy Using Computer Model Predictions. Biophysical Journal, 2019, 117, 2375-2381.	0.5	14
36	Optimization of CRT programming using non–invasive electrocardiographic imaging to assess the acute electrical effects of multipoint pacing. Journal of Arrhythmia, 2019, 35, 267-275.	1.2	11

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37	Mean entropy predicts implantable cardioverter-defibrillator therapy using cardiac magnetic resonance texture analysis of scar heterogeneity. Heart Rhythm, 2019, 16, 1242-1250.	0.7	24
38	Comparison of Echocardiographic and Electrocardiographic Mapping for Cardiac Resynchronisation Therapy Optimisation. Cardiology Research and Practice, 2019, 2019, 1-9.	1.1	7
39	Left ventricular activation-recovery interval variability predicts spontaneous ventricular tachyarrhythmia in patients with heart failure. Heart Rhythm, 2019, 16, 702-709.	0.7	11
40	Understanding non-response to cardiac resynchronisation therapy: common problems and potential solutions. Heart Failure Reviews, 2019, 24, 41-54.	3.9	59
41	Predictors of mortality and outcomes in transvenous lead extraction for systemic and local infection cohorts. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 73-84.	1.2	20
42	Transvenous lead extraction in patients with cardiac resynchronization therapy devices is not associated with increased 30-day mortality. Europace, 2019, 21, 928-936.	1.7	10
43	Complex Interaction Between Low-Frequency APD Oscillations and Beat-to-Beat APD Variability in Humans Is Governed by the Sympathetic Nervous System. Frontiers in Physiology, 2019, 10, 1582.	2.8	7
44	Chronic Right Ventricular Pacing in the Heart Failure Population. Current Heart Failure Reports, 2018, 15, 61-69.	3.3	16
45	Electrical latency predicts the optimal left ventricular endocardial pacing site: results from a multicentre international registry. Europace, 2018, 20, 1989-1996.	1.7	6
46	The Emerging Role of Cardiac Magnetic Resonance Imaging in the Evaluation of Patients with HFpEF. Current Heart Failure Reports, 2018, 15, 1-9.	3.3	36
47	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
48	The role of transvenous lead extraction in the management of redundant or malfunctioning pacemaker and defibrillator leads post ELECTRa. Europace, 2018, 20, 1733-1740.	1.7	16
49	Guidance for Optimal Site Selection of a Leadless Left Ventricular Endocardial Electrode Improves Acute Hemodynamic Response and Chronic Remodeling. JACC: Clinical Electrophysiology, 2018, 4, 860-868.	3.2	19
50	Variation in activation time during bipolar vs extended bipolar left ventricular pacing. Journal of Cardiovascular Electrophysiology, 2018, 29, 1675-1681.	1.7	0
51	Non-invasive electrophysiological assessment of the optimal configuration of quadripolar lead vectors on ventricular activation times. Journal of Electrocardiology, 2018, 51, 714-719.	0.9	7
52	Optimal site selection and image fusion guidance technology to facilitate cardiac resynchronization therapy. Expert Review of Medical Devices, 2018, 15, 555-570.	2.8	13
53	Beat-to-Beat Variability of Ventricular Action Potential Duration Oscillates at Low Frequency During Sympathetic Provocation in Humans. Frontiers in Physiology, 2018, 9, 147.	2.8	22
54	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

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55	Comprehensive use of cardiac computed tomography to guide left ventricular lead placement in cardiac resynchronization therapy. Heart Rhythm, 2017, 14, 1364-1372.	0.7	48
56	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
57	Updates in Cardiac Resynchronization Therapy for Chronic Heart Failure: Review of Multisite Pacing. Current Heart Failure Reports, 2017, 14, 376-383.	3.3	15
58	Autonomic Modulation in Patients with Heart Failure Increases Beat-to-Beat Variability of Ventricular Action Potential Duration. Frontiers in Physiology, 2017, 8, 328.	2.8	19
59	Pleural infection: a case where clinical improvement was misleading. BMJ Case Reports, 2013, 2013, bcr2013008700-bcr2013008700.	0.5	1
60	Unilateral anhidrosis: a rare presentation of atrial myxoma?. BMJ Case Reports, 2012, 2012, bcr2012007891-bcr2012007891.	0.5	0