

Malcolm C Finlay

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

1,641
citations

279487

23
h-index

329751

37
g-index

80
all docs

80
docs citations

80
times ranked

2829
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Ethanol ablation for ventricular arrhythmias: A systematic review and meta-analysis. Journal of Cardiovascular Electrophysiology, 2022, 33, 510-526. | 0.8 | 4 |
| 2 | Risk factors for developing pacing induced LV dysfunction: Experience from a tertiary center in the UK. PACE - Pacing and Clinical Electrophysiology, 2022, . | 0.5 | 0 |
| 3 | Contemporary Practice and Optimising Referral Pathways for Implantable Cardiac Monitoring for Atrial Fibrillation after Cryptogenic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106474. | 0.7 | 3 |
| 4 | PolarX Cryoballoon metrics predicting successful pulmonary vein isolation: targets for ablation of atrial fibrillation. Europace, 2022, 24, 1420-1429. | 0.7 | 7 |
| 5 | Transseptal puncture for left atrial ablation: Risk factors for cardiac tamponade and a proposed causative classification system. Journal of Cardiovascular Electrophysiology, 2022, 33, 1747-1755. | 0.8 | 5 |
| 6 | OUP accepted manuscript. European Heart Journal Quality of Care & Clinical Outcomes, 2021, , . | 1.8 | 2 |
| 7 | First experience of POLARx [®] versus Arctic Front Advance [®] : An early technology comparison. Journal of Cardiovascular Electrophysiology, 2021, 32, 925-930. | 0.8 | 29 |
| 8 | Catheter ablation of atrial fibrillation in patients with hypertrophic cardiomyopathy: a European observational multicentre study. Europace, 2021, 23, 1409-1417. | 0.7 | 16 |
| 9 | Left atrial appendage occlusion: a niche procedure for a niche cohort?. European Heart Journal Quality of Care & Clinical Outcomes, 2021, 7, 429-430. | 1.8 | 0 |
| 10 | Precision-Microfabricated Fiber-Optic Probe for Intravascular Pressure and Temperature Sensing. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-12. | 1.9 | 11 |
| 11 | Obesity and diabetes are major risk factors for epicardial adipose tissue inflammation. JCI Insight, 2021, 6, . | 2.3 | 24 |
| 12 | Real-time all-optical ultrasound imaging of a dynamic heart valve phantom. , 2021, , . | | 1 |
| 13 | Evaluation of the reentry vulnerability index to predict ventricular tachycardia circuits using high-density contact mapping. Heart Rhythm, 2020, 17, 576-583. | 0.3 | 25 |
| 14 | Cryoablation for persistent and longstanding persistent atrial fibrillation: results from a multicentre European registry. Europace, 2020, 22, 375-381. | 0.7 | 29 |
| 15 | Percutaneous left ventricular endocardial leads: adverse outcomes and a percutaneous extraction case series. European Heart Journal - Case Reports, 2020, 4, 1-5. | 0.3 | 1 |
| 16 | Inflammation and adiposity: new frontiers in atrial fibrillation. Europace, 2020, 22, 1609-1618. | 0.7 | 23 |
| 17 | Same-day discharge following catheter ablation of atrial fibrillation: A safe and cost-effective approach. Journal of Cardiovascular Electrophysiology, 2020, 31, 3097-3103. | 0.8 | 27 |
| 18 | Optically Generated Ultrasound for Intracoronary Imaging. Frontiers in Cardiovascular Medicine, 2020, 7, 525530. | 1.1 | 5 |

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|----|--|-----|-----------|
| 19 | Non-vitamin K oral anticoagulants in hypertrophic cardiomyopathy patients undergoing catheter ablation of atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2626-2631. | 0.8 | 6 |
| 20 | Non-vitamin K oral anticoagulants at the time of cardiac rhythm device surgery: A systematic review and meta-analysis. <i>Thrombosis Research</i> , 2020, 188, 90-96. | 0.8 | 7 |
| 21 | Impact of pulmonary vein isolation on mechanisms sustaining persistent atrial fibrillation: Predicting the acute response. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 903-912. | 0.8 | 8 |
| 22 | Impact of Type-2 Diabetes Mellitus on the Outcomes of Catheter Ablation of Atrial Fibrillation (European Observational Multicentre Study). <i>American Journal of Cardiology</i> , 2020, 125, 901-906. | 0.7 | 30 |
| 23 | Healthcare Workers Bioresource: Study outline and baseline characteristics of a prospective healthcare worker cohort to study immune protection and pathogenesis in COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 179. | 0.9 | 10 |
| 24 | Comparison of a high throughput day case atrial fibrillation ablation service in a local hospital with standard regional tertiary cardiac centre care. <i>Europace</i> , 2019, 21, 440-444. | 0.7 | 30 |
| 25 | Fluoroscopy guided axillary vein access versus cephalic vein access in pacemaker and defibrillator implantation: Randomized clinical trial of efficacy and safety. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 2183-2183. | 0.8 | 0 |
| 26 | Autonomic modulation of the electrical substrate in mice haploinsufficient for cardiac sodium channels: a model of the Brugada syndrome. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C576-C583. | 2.1 | 6 |
| 27 | Differentially expressed genes for atrial fibrillation identified by RNA sequencing from paired human left and right atrial appendages. <i>Physiological Genomics</i> , 2019, 51, 323-332. | 1.0 | 35 |
| 28 | A nurse-led implantable loop recorder service is safe and cost effective. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 2900-2906. | 0.8 | 17 |
| 29 | Full blood count as potential predictor of outcomes in patients undergoing cardiac resynchronization therapy. <i>Scientific Reports</i> , 2019, 9, 13016. | 1.6 | 4 |
| 30 | The impact of virtual arrhythmia clinics following catheter ablation for atrial fibrillation. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2019, 5, 272-273. | 1.8 | 11 |
| 31 | All-Optical Rotational Ultrasound Imaging. <i>Scientific Reports</i> , 2019, 9, 5576. | 1.6 | 47 |
| 32 | A novel technique for performing transseptal puncture guided by a non-fluoroscopic 3D mapping system. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 4-12. | 0.5 | 12 |
| 33 | Catheter ablation for fascicular ventricular tachycardia: A systematic review. <i>International Journal of Cardiology</i> , 2019, 276, 136-148. | 0.8 | 9 |
| 34 | Wall-less vascular poly(vinyl) alcohol gel ultrasound imaging phantoms using 3D printed vessels. , 2019, , . | | 8 |
| 35 | Optical interferometric temperature sensors for intravascular blood flow measurements. , 2019, , . | | 3 |
| 36 | ATP-sensitive potassium channels in the sinoatrial node contribute to heart rate control and adaptation to hypoxia. <i>Journal of Biological Chemistry</i> , 2018, 293, 8912-8921. | 1.6 | 23 |

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|----|--|-----|-----------|
| 37 | Anatomically realistic ultrasound phantoms using gel wax with 3D printed moulds. <i>Physics in Medicine and Biology</i> , 2018, 63, 015033. | 1.6 | 52 |
| 38 | Real-Time, Video-Rate and Depth-Resolved Imaging of Radio-Frequency Ablation Using All-Optical Ultrasound. , 2018, , . | | 4 |
| 39 | Procedural and quality assessment data on catheter ablation for fascicular ventricular tachycardia. <i>Data in Brief</i> , 2018, 21, 2376-2378. | 0.5 | 1 |
| 40 | Three-Dimensional Ultrasonic Needle Tip Tracking with a Fiber-Optic Ultrasound Receiver. <i>Journal of Visualized Experiments</i> , 2018, , . | 0.2 | 4 |
| 41 | All-optical dual photoacoustic and optical coherence tomography intravascular probe. <i>Photoacoustics</i> , 2018, 11, 65-70. | 4.4 | 26 |
| 42 | The control of cardiac ventricular excitability by autonomic pathways. , 2017, 174, 97-111. | | 16 |
| 43 | Looking beyond the imaging plane: 3D needle tracking with a linear array ultrasound probe. <i>Scientific Reports</i> , 2017, 7, 3674. | 1.6 | 33 |
| 44 | Panoramic atrial mapping with basket catheters: A quantitative analysis to optimize practice, patient selection, and catheter choice. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 1423-1432. | 0.8 | 24 |
| 45 | Through-needle all-optical ultrasound imaging in vivo: a preclinical swine study. <i>Light: Science and Applications</i> , 2017, 6, e17103-e17103. | 7.7 | 90 |
| 46 | Ablation Index and Surround Flow Catheter Irrigation. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 1080-1088. | 1.3 | 37 |
| 47 | Panoramic characterization of endocardial left atrial activation during human persistent AF: Insights from non-contact mapping. <i>International Journal of Cardiology</i> , 2017, 228, 406-411. | 0.8 | 9 |
| 48 | Ultrasonic Needle Tracking with a Fibre-Optic Ultrasound Transmitter for Guidance of Minimally Invasive Fetal Surgery. <i>Lecture Notes in Computer Science</i> , 2017, 10434, 637-645. | 1.0 | 14 |
| 49 | Attempting to cure atrial fibrillation during mitral valve surgery: can we measure a benefit?. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2016, 2, 235-236. | 1.8 | 0 |
| 50 | The lung impedance monitoring in treatment of chronic heart failure (the LIMIT-CHF study). <i>Europace</i> , 2016, 18, 428-435. | 0.7 | 36 |
| 51 | Use of a contact force-sensing ablation catheter with advanced catheter location significantly reduces fluoroscopy time and radiation dose in catheter ablation of atrial fibrillation. <i>Europace</i> , 2016, 18, 211-218. | 0.7 | 41 |
| 52 | A dolus of i.v. amiodarone. <i>European Heart Journal</i> , 2016, 38, ehw327. | 1.0 | 1 |
| 53 | Medium-term outcomes of idiopathic ventricular fibrillation survivors and family screening: a multicentre experience. <i>Europace</i> , 2016, 19, euw251. | 0.7 | 12 |
| 54 | Effect of mental stress on dynamic electrophysiological properties of the endocardium and epicardium in humans. <i>Heart Rhythm</i> , 2016, 13, 175-182. | 0.3 | 29 |

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|----|--|-----|-----------|
| 55 | Endocardial biventricular defibrillator implantation in a patient with superior vena cava obstruction. <i>Europace</i> , 2016, 18, 500-500. | 0.7 | 0 |
| 56 | Catheter ablation of atrial fibrillation in patients with heart failure: impact of maintaining sinus rhythm on heart failure status and long-term rates of stroke and death. <i>Europace</i> , 2016, 18, 679-686. | 0.7 | 61 |
| 57 | The contribution of pathways initiated via the Gq G-protein family to atrial fibrillation. <i>Pharmacological Research</i> , 2016, 105, 54-61. | 3.1 | 11 |
| 58 | Point-by-Point Radiofrequency Ablation Versus the Cryoballoon or a Novel Combined Approach: A Randomized Trial Comparing 3 Methods of Pulmonary Vein Isolation for Paroxysmal Atrial Fibrillation (The Cryo Versus RF Trial). <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 1307-1314. | 0.8 | 79 |
| 59 | Absence of the Regulator of G-protein Signaling, RGS4, Predisposes to Atrial Fibrillation and Is Associated with Abnormal Calcium Handling. <i>Journal of Biological Chemistry</i> , 2015, 290, 19233-19244. | 1.6 | 26 |
| 60 | Haemodynamic consequences of targeted single- and dual-site right ventricular pacing in adults with congenital heart disease undergoing surgical pulmonary valve replacement. <i>Europace</i> , 2015, 17, 274-280. | 0.7 | 19 |
| 61 | Increased prothrombotic profile in the left atrial appendage of atrial fibrillation patients. <i>International Journal of Cardiology</i> , 2015, 185, 250-255. | 0.8 | 15 |
| 62 | The Hot and the Cold: Radiofrequency Versus Cryoballoon Ablation for Atrial Fibrillation. <i>Current Cardiology Reports</i> , 2015, 17, 631. | 1.3 | 12 |
| 63 | Heart Rate Recovery in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2014, 113, 1011-1017. | 0.7 | 15 |
| 64 | Dynamic Conduction and Repolarisation Changes in Early Arrhythmogenic Right Ventricular Cardiomyopathy versus Benign Outflow Tract Ectopy Demonstrated by High Density Mapping & Paced Surface ECG Analysis. <i>PLoS ONE</i> , 2014, 9, e99125. | 1.1 | 11 |
| 65 | Bridging the gap between computation and clinical biology: validation of cable theory in humans. <i>Frontiers in Physiology</i> , 2013, 4, 213. | 1.3 | 8 |
| 66 | Maintenance of sinus rhythm with an ablation strategy in patients with atrial fibrillation is associated with a lower risk of stroke and death. <i>Heart</i> , 2012, 98, 48-53. | 1.2 | 163 |
| 67 | Electrophysiological abnormalities precede overt structural changes in arrhythmogenic right ventricular cardiomyopathy due to mutations in desmoplakin-A combined murine and human study. <i>European Heart Journal</i> , 2012, 33, 1942-1953. | 1.0 | 155 |
| 68 | A randomised comparison of Cartomerge vs. NavX fusion in the catheter ablation of atrial fibrillation: The CAVERN Trial. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2012, 33, 161-169. | 0.6 | 31 |
| 69 | Improved Electrogram Attenuation during Ablation of Paroxysmal Atrial Fibrillation with the Hansen Robotic System. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012, 35, 730-738. | 0.5 | 12 |
| 70 | Catheter Ablation for Atrial Fibrillation on Uninterrupted Warfarin: Can It Be Done Without Echo Guidance?. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 265-270. | 0.8 | 49 |
| 71 | Myocardial function may improve equally in diabetic patients following both multivessel percutaneous coronary intervention and coronary artery bypass grafting: results from a CARDia trial substudy. <i>European Journal of Echocardiography</i> , 2011, 12, 904-909. | 2.3 | 1 |
| 72 | The Bypass Angioplasty Revascularization in Type 1 and Type 2 Diabetes study: 5-year follow-up of revascularization with percutaneous coronary intervention versus coronary artery bypass grafting in diabetic patients with multivessel disease. <i>Journal of Cardiovascular Medicine</i> , 2010, 11, 26-33. | 0.6 | 11 |

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|----|---|-----|-----------|
| 73 | Do Traditional VT Zones Improve Outcome in Primary Prevention ICD Patients?. PACE - Pacing and Clinical Electrophysiology, 2010, 33, 1353-1358. | 0.5 | 7 |
| 74 | Uninterrupted Warfarin for Periprocedural Anticoagulation in Catheter Ablation of Typical Atrial Flutter: A Safe and Cost-Effective Strategy. Journal of Cardiovascular Electrophysiology, 2010, 21, 150-154. | 0.8 | 19 |
| 75 | A randomized-controlled trial comparing conventional with minimal catheter approaches for the mapping and ablation of regular supraventricular tachycardias. Europace, 2009, 11, 1057-1064. | 0.7 | 10 |
| 76 | A broad complex tachycardia with conflicting information from pacing manoeuvres. Europace, 2009, 11, 1392-1395. | 0.7 | 0 |
| 77 | Finally getting closure?. International Journal of Clinical Practice, 2007, 61, 355-356. | 0.8 | 4 |
| 78 | Diagnosing coronary artery disease in diabetic patients. Diabetes/Metabolism Research and Reviews, 2002, 18, 201-208. | 1.7 | 14 |
| 79 | Coronary sinus electrogram characteristics predicts termination of AF with ablation and long-term clinical outcome.. Journal of Cardiovascular Electrophysiology, 0, , . | 0.8 | 1 |