# Carlos GalÃ¡n-Arriola

List of Publications by Year
in descending order



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|---|---|---|---|
| 32 papers | 1,120 citations | 471509 17 h-index | 477307 29 g-index |
| 32 all docs | 32 docs citations | 32 times ranked | 2057 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Coronary microcirculation damage in anthracycline cardiotoxicity. Cardiovascular Research, 2022, 118, 531-541. | 3.8 | 32 |
| 2 | Efecto cardioprotector del bloqueador beta de acciÃ³n ultracorta esmolol en isquemia/reperfusiÃ³n experimental. Revista Espanola De Cardiologia, 2022, 75, 527-527. | 1.2 | 0 |
| 3 | Remote ischaemic preconditioning ameliorates anthracycline-induced cardiotoxicity and preserves mitochondrial integrity. Cardiovascular Research, 2021, 117, 1132-1143. | 3.8 | 35 |
| 4 | Variations in T2-Mapping-Assessed Area at Risk After Experimental Ischemia/Reperfusion. Journal of Cardiovascular Translational Research, 2021, 14, 1040-1042. | 2.4 | 2 |
| 5 | Time-efficient three-dimensional transmural scar assessment provides relevant substrate characterization for ventricular tachycardia features and long-term recurrences in ischemic cardiomyopathy. Scientific Reports, 2021, 11, 18722. | 3.3 | 5 |
| 6 | Metoprolol in Critically Ill Patients WithÂCOVID-19. Journal of the American College of Cardiology, 2021, 78, 1001-1011. | 2.8 | 46 |
| 7 | Cardioprotective effect of the short-acting beta-blocker esmolol in experimental ischemia/reperfusion. Revista Espanola De Cardiologia (English Ed ), 2021, 75, 527-527. | 0.6 | 0 |
| 8 | Quantitative assessment of myocardial blood flow and extracellular volume fraction using 68Ga-DOTA-PET: A feasibility and validation study in large animals. Journal of Nuclear Cardiology, 2020, 27, 1249-1260. | 2.1 | 4 |
| 9 | R2 prime (R2â€²) magnetic resonance imaging for post-myocardial infarction intramyocardial haemorrhage quantification. European Heart Journal Cardiovascular Imaging, 2020, 21, 1031-1038. | 1.2 | 4 |
| 10 | Metoprolol blunts the time-dependent progression of infarct size. Basic Research in Cardiology, 2020, 115, 55. | 5.9 | 32 |
| 11 | Single breath-hold saturation recovery 3D cardiac T1 mapping via compressed SENSE at 3T. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 865-876. | 2.0 | 5 |
| 12 | T2 Mapping Identifies Early Anthracycline-Induced Cardiotoxicity in Elderly Patients With Cancer. JACC: Cardiovascular Imaging, 2020, 13, 1630-1632. | 5.3 | 8 |
| 13 | Translational large animal model of hibernating myocardium: characterization by serial multimodal imaging. Basic Research in Cardiology, 2020, 115, 33. | 5.9 | 18 |
| 14 | Reply. Journal of the American College of Cardiology, 2019, 73, 3360. | 2.8 | 0 |
| 15 | Generation and characterization of a novel knockin minipig model of Hutchinson-Gilford progeria syndrome. Cell Discovery, 2019, 5, 16. | 6.7 | 43 |
| 16 | Definition of a cell surface signature for human cardiac progenitor cells after comprehensive comparative transcriptomic and proteomic characterization. Scientific Reports, 2019, 9, 4647. | 3.3 | 17 |
| 17 | Serial Magnetic Resonance Imaging toÂIdentify Early Stages of Anthracycline-Induced Cardiotoxicity. Journal of the American College of Cardiology, 2019, 73, 779-791. | 2.8 | 174 |
| 18 | In vivo ratiometric optical mapping enables high-resolution cardiac electrophysiology in pig models. Cardiovascular Research, 2019, 115, 1659-1671. | 3.8 | 38 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Three-dimensional cardiac fibre disorganization as a novel parameter for ventricular arrhythmia stratification after myocardial infarction. Europace, 2019, 21, 822-832. | 1.7 | 12 |
| 20 | Implications of bipolar voltage mapping and magnetic resonance imaging resolution in biventricular scar characterization after myocardial infarction. Europace, 2019, 21, 163-174. | 1.7 | 8 |
| 21 | Transplantation of Allogeneic Pericytes Improves Myocardial Vascularization and Reduces Interstitial Fibrosis in a Swine Model of Reperfused Acute Myocardial Infarction. Journal of the American Heart Association, 2018, 7, . | 3.7 | 38 |
| 22 | Mirabegron, a Clinically Approved Î²3 Adrenergic Receptor Agonist, Does Not Reduce Infarct Size in a Swine Model of Reperfused Myocardial Infarction. Journal of Cardiovascular Translational Research, 2018, 11, 310-318. | 2.4 | 9 |
| 23 | Bloodless reperfusion with the oxygen carrier HBOC-201 in acute myocardial infarction: a novel platform for cardioprotective probes delivery. Basic Research in Cardiology, 2017, 112, 17. | 5.9 | 30 |
| 24 | Intracoronary Administration of Allogeneic Adipose Tissueâ€“Derived Mesenchymal Stem Cells Improves Myocardial Perfusion But Not Left Ventricle Function, in a Translational Model of Acute Myocardial Infarction. Journal of the American Heart Association, 2017, 6, . | 3.7 | 43 |
| 25 | Effect of Ischemia Duration and Protective Interventions on the Temporal Dynamics of Tissue Composition After Myocardial Infarction. Circulation Research, 2017, 121, 439-450. | 4.5 | 62 |
| 26 | Proteomic footprint of myocardial ischemia/reperfusion injury: Longitudinal study of the at-risk and remote regions in the pig model. Scientific Reports, 2017, 7, 12343. | 3.3 | 37 |
| 27 | Dynamic Edematous Response of the Human Heart to Myocardial Infarction. Circulation, 2017, 136, 1288-1300. | 1.6 | 107 |
| 28 | Atrial Infarction and Ischemic Mitral Regurgitation Contribute to Post-MI Remodeling of the Left Atrium. Journal of the American College of Cardiology, 2017, 70, 2878-2889. | 2.8 | 30 |
| 29 | Impact of the Timing of Metoprolol Administration During STEMI on InfarctÂSize and Ventricular Function. Journal of the American College of Cardiology, 2016, 67, 2093-2104. | 2.8 | 84 |
| 30 | Systolic flow displacement using 3D magnetic resonance imaging in an experimental model of ascending aorta aneurysm: impact of rheological factors. European Journal of Cardio-thoracic Surgery, 2016, 50, 685-692. | 1.4 | 6 |
| 31 | Fast T2 gradient-spin-echo (T2-GraSE) mapping for myocardial edema quantification: first in vivo validation in a porcine model of ischemia/reperfusion. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 92. | 3.3 | 68 |
| 32 | Pathophysiology Underlying the BimodalÂEdema Phenomenon After Myocardial Ischemia/Reperfusion. Journal of the American College of Cardiology, 2015, 66, 816-828. | 2.8 | 123 |