# Pd Ange Maguy

## List of Publications by Citations



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| 37 papers | 2,809 citations | 25 h-index | 37 g-index |
| 37 ext. papers | 3,199 ext. citations | 10.6 avg, IF | 4.52 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 37 | Arrhythmogenic ion-channel remodeling in the heart: heart failure, myocardial infarction, and atrial fibrillation. *Physiological Reviews*, **2007**, 87, 425-56 | 47.9 | 621 |
| 36 | Transient receptor potential canonical-3 channel-dependent fibroblast regulation in atrial fibrillation. *Circulation*, **2012**, 126, 2051-64 | 16.7 | 185 |
| 35 | MicroRNA-26 governs profibrillatory inward-rectifier potassium current changes in atrial fibrillation. *Journal of Clinical Investigation*, **2013**, 123, 1939-51 | 15.9 | 183 |
| 34 | Involvement of lipid rafts and caveolae in cardiac ion channel function. *Cardiovascular Research*, **2006**, 69, 798-807 | 9.9 | 151 |
| 33 | Mechanisms by which adenosine restores conduction in dormant canine pulmonary veins. *Circulation*, **2010**, 121, 963-72 | 16.7 | 146 |
| 32 | Cellular signaling underlying atrial tachycardia remodeling of L-type calcium current. *Circulation Research*, **2008**, 103, 845-54 | 15.7 | 142 |
| 31 | Atrial fibrillation promotion with long-term repetitive obstructive sleep apnea in a rat model. *Journal of the American College of Cardiology*, **2014**, 64, 2013-23 | 15.1 | 128 |
| 30 | Mechanisms of atrial tachyarrhythmias associated with coronary artery occlusion in a chronic canine model. *Circulation*, **2011**, 123, 137-46 | 16.7 | 113 |
| 29 | Omega-3 polyunsaturated fatty acids prevent atrial fibrillation associated with heart failure but not atrial tachycardia remodeling. *Circulation*, **2007**, 116, 2101-9 | 16.7 | 113 |
| 28 | Nuclear-delimited angiotensin receptor-mediated signaling regulates cardiomyocyte gene expression. *Journal of Biological Chemistry*, **2010**, 285, 22338-49 | 5.4 | 89 |
| 27 | Multiple potential molecular contributors to atrial hypocontractility caused by atrial tachycardia remodeling in dogs. *Circulation: Arrhythmia and Electrophysiology*, **2010**, 3, 530-41 | 6.4 | 83 |
| 26 | Membrane cholesterol modulates Kv1.5 potassium channel distribution and function in rat cardiomyocytes. *Journal of Physiology*, **2007**, 582, 1205-17 | 3.9 | 70 |
| 25 | Proteomic and metabolomic analysis of atrial profibrillatory remodelling in congestive heart failure. *Journal of Molecular and Cellular Cardiology*, **2010**, 49, 851-63 | 5.8 | 69 |
| 24 | Differential protein kinase C isoform regulation and increased constitutive activity of acetylcholine-regulated potassium channels in atrial remodeling. *Circulation Research*, **2011**, 109, 1031-43 | 15.7 | 69 |
| 23 | Changes in I K, ACh single-channel activity with atrial tachycardia remodelling in canine atrial cardiomyocytes. *Cardiovascular Research*, **2008**, 77, 35-43 | 9.9 | 69 |
| 22 | Mechanisms underlying rate-dependent remodeling of transient outward potassium current in canine ventricular myocytes. *Circulation Research*, **2008**, 103, 733-42 | 15.7 | 68 |
| 21 | Effects of a heat shock protein inducer on the atrial fibrillation substrate caused by acute atrial ischaemia. *Cardiovascular Research*, **2008**, 78, 63-70 | 9.9 | 54 |

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| 20 | The role of pulmonary veins vs. autonomic ganglia in different experimental substrates of canine atrial fibrillation. *Cardiovascular Research*, **2011**, 89, 825-33 | 9.9 | 49 |
| 19 | Expression, regulation and role of the MAGUK protein SAP-97 in human atrial myocardium. *Cardiovascular Research*, **2002**, 56, 433-42 | 9.9 | 44 |
| 18 | TGF-(Transforming Growth Factor-)Plays a Pivotal Role in Cardiac Myofibroblast Arrhythmogenicity. *Circulation: Arrhythmia and Electrophysiology*, **2017**, 10, e004567 | 6.4 | 42 |
| 17 | Effects of resveratrol (trans-3,5,4trihydroxystilbene) treatment on cardiac remodeling following myocardial infarction. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 323, 916-23 | 4.7 | 41 |
| 16 | Different isoforms of synapse-associated protein, SAP97, are expressed in the heart and have distinct effects on the voltage-gated K+ channel Kv1.5. *Journal of Biological Chemistry*, **2003**, 278, 47046-52 | 5.4 | 41 |
| 15 | Ion channel subunit expression changes in cardiac Purkinje fibers: a potential role in conduction abnormalities associated with congestive heart failure. *Circulation Research*, **2009**, 104, 1113-22 | 15.7 | 40 |
| 14 | Exchange protein directly activated by cAMP mediates slow delayed-rectifier current remodeling by sustained adrenergic activation in guinea pig hearts. *Circulation Research*, **2014**, 114, 993-1003 | 15.7 | 38 |
| 13 | Role of KATP channels in the maintenance of ventricular fibrillation in cardiomyopathic human hearts. *Circulation Research*, **2011**, 109, 1309-18 | 15.7 | 36 |
| 12 | Differences in atrial fibrillation properties under vagal nerve stimulation versus atrial tachycardia remodeling. *Heart Rhythm*, **2009**, 6, 1465-72 | 6.7 | 23 |
| 11 | Induced KCNQ1 autoimmunity accelerates cardiac repolarization in rabbits: potential significance in arrhythmogenesis and antiarrhythmic therapy. *Heart Rhythm*, **2014**, 11, 2092-100 | 6.7 | 20 |
| 10 | Spatiotemporal stability of neonatal rat cardiomyocyte monolayers spontaneous activity is dependent on the culture substrate. *PLoS ONE*, **2015**, 10, e0127977 | 3.7 | 16 |
| 9 | Regional ion channel gene expression heterogeneity and ventricular fibrillation dynamics in human hearts. *PLoS ONE*, **2014**, 9, e82179 | 3.7 | 16 |
| 8 | Myofibroblasts Electrotonically Coupled to Cardiomyocytes Alter Conduction: Insights at the Cellular Level from a Detailed Tissue Structure Model. *Frontiers in Physiology*, **2016**, 7, 496 | 4.6 | 16 |
| 7 | Loss of cardiomyocyte integrin-linked kinase produces an arrhythmogenic cardiomyopathy in mice. *Circulation: Arrhythmia and Electrophysiology*, **2015**, 8, 921-32 | 6.4 | 14 |
| 6 | Autoantibody Signature in Cardiac Arrest. *Circulation*, **2020**, 141, 1764-1774 | 16.7 | 9 |
| 5 | KCNQ1 Antibodies for Immunotherapy of Long QT Syndrome Type 2. *Journal of the American College of Cardiology*, **2020**, 75, 2140-2152 | 15.1 | 6 |
| 4 | Consequences of Atrial or Ventricular Tachypacing on the Heat Shock Proteins (HSP) level of Expression and Phosphorylation. *McGill Journal of Medicine*, **2009**, 12, 34 | | 2 |
| 3 | Autoimmune channelopathies: questions remain. *Nature Reviews Cardiology*, **2017**, 14, 566 | 14.8 | 1 |

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| 2 | Enabling comprehensive optogenetic studies of mouse hearts by simultaneous opto-electrical panoramic mapping and stimulation. *Nature Communications*, **2021**, 12, 5804 | 17.4 | 1 |
| 1 | Development of an open hardware bioreactor for optimized cardiac cell culture integrating programmable mechanical and electrical stimulations. *AIP Advances*, **2020**, 10, 035133 | 1.5 | 1 |