

# Adrien Moreau

## List of Publications by Year in descending order

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33  
papers

606  
citations

567281

15  
h-index

610901

24  
g-index

34  
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34  
docs citations

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times ranked

927  
citing authors

#	ARTICLE	IF	CITATIONS
1	The PPAR <sup>3</sup> pathway determines electrophysiological remodelling and arrhythmia risks in DSC2 arrhythmogenic cardiomyopathy. <i>Clinical and Translational Medicine</i> , 2022, 12, e748.	4.0	12
2	Novel G1481V and Q1491H SCN5A Mutations Linked to Long QT Syndrome Destabilize the Nav1.5 Inactivation State. <i>CJC Open</i> , 2021, 3, 256-266.	1.5	3
3	Deciphering DSC2 arrhythmogenic cardiomyopathy electrical instability: From ion channels to ECG and tailored drug therapy. <i>Clinical and Translational Medicine</i> , 2021, 11, e319.	4.0	20
4	Short QT interval as a harbinger of an arrhythmogenic cardiomyopathy. <i>HeartRhythm Case Reports</i> , 2021, 7, 734-738.	0.4	2
5	MorphoScript: a dedicated analysis to assess the morphology and contractile structures of cardiomyocytes derived from stem cells. <i>Bioinformatics</i> , 2021, 37, 4209-4215.	4.1	3
6	Modeling polymorphic ventricular tachycardia at rest using patient-specific induced pluripotent stem cell-derived cardiomyocytes. <i>EBioMedicine</i> , 2020, 60, 103024.	6.1	19
7	Blockade of the renin-angiotensin-aldosterone system in patients with arrhythmogenic right ventricular dysplasia: A double-blind, multicenter, prospective, randomized, genotype-driven study (BRAVE study). <i>Clinical Cardiology</i> , 2018, 41, 300-306.	1.8	11
8	Cardiac voltage-gated sodium channel mutations associated with left atrial dysfunction and stroke in children. <i>Europace</i> , 2018, 20, 1692-1698.	1.7	14
9	Post-Translational Modifications and Diastolic Calcium Leak Associated to the Novel RyR2-D3638A Mutation Lead to CPVT in Patient-Specific hiPSC-Derived Cardiomyocytes. <i>Journal of Clinical Medicine</i> , 2018, 7, 423.	2.4	40
10	A New Cardiac Channelopathy: From Clinical Phenotypes to Molecular Mechanisms Associated With Nav1.5 Gating Pores. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 139.	2.4	19
11	Cardiac voltage-sodium channel mutations association with primary electrical diseases: Authors' reply. <i>Europace</i> , 2018, 20, 1707-1708.	1.7	1
12	A leaky voltage sensor domain of cardiac sodium channels causes arrhythmias associated with dilated cardiomyopathy. <i>Scientific Reports</i> , 2018, 8, 13804.	3.3	28
13	Biophysical, Molecular, and Pharmacological Characterization of Na V Channels from Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Biophysical Journal</i> , 2017, 112, 241a.	0.5	0
14	Induced pluripotent stem-cell-derived cardiomyocytes: cardiac applications, opportunities, and challenges. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 1108-1116.	1.4	8
15	Biophysical, Molecular, and Pharmacological Characterization of Voltage-Dependent Sodium Channels From Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Canadian Journal of Cardiology</i> , 2017, 33, 269-278.	1.7	19
16	Biophysical, Molecular and Pharmacological Characterization of NaV Channels from Induced Pluripotent Stem Cells Derived Cardiomyocytes. <i>Biophysical Journal</i> , 2016, 110, 111a.	0.5	0
17	Biophysical Characterization of the Honeybee's DSC1 Ortholog Highlights a New Voltage Dependant Calcium Channel Subfamily. <i>Biophysical Journal</i> , 2016, 110, 34a.	0.5	0
18	Biophysical characterization of the honeybee DSC1 orthologue reveals a novel voltage-dependent Ca <sup>2+</sup> channel subfamily: CaV4. <i>Journal of General Physiology</i> , 2016, 148, 133-145.	1.9	13

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19	Characterization of the honeybee AmNav1 channel and tools to assess the toxicity of insecticides. Scientific Reports, 2015, 5, 12475.	3.3	19
20	Gating Pore Currents are Common Defects of Two Nav1.5 Mutations in Patients with Mixed Arrhythmias and Dilated Cardiomyopathy. Biophysical Journal, 2015, 108, 572a.	0.5	0
21	Mutations in the Voltage Sensors of Domains I and II of Nav1.5 that are Associated with Arrhythmias and Dilated Cardiomyopathy Generate Gating Pore Currents. Frontiers in Pharmacology, 2015, 6, 301.	3.5	38
22	Gating pore currents are defects in common with two Nav1.5 mutations in patients with mixed arrhythmias and dilated cardiomyopathy. Journal of General Physiology, 2015, 145, 93-106.	1.9	64
23	Gating pore currents, a new pathological mechanism underlying cardiac arrhythmias associated with dilated cardiomyopathy. Channels, 2015, 9, 139-144.	2.8	12
24	Biophysics, pathophysiology, and pharmacology of ion channel gating pores. Frontiers in Pharmacology, 2014, 5, 53.	3.5	74
25	Nav1.5 mutations linked to dilated cardiomyopathy phenotypes. Channels, 2014, 8, 90-94.	2.8	33
26	Molecular biology and biophysical properties of ion channel gating pores. Quarterly Reviews of Biophysics, 2014, 47, 364-388.	5.7	23
27	Novel SCN5A mutations in two families with "Brugada-like" ST elevation in the inferior leads and conduction disturbances. Journal of Interventional Cardiac Electrophysiology, 2013, 37, 131-140.	1.3	11
28	Development and Characterisation of Cardiomyocytes Derived from Murine Embryonic Stem Cells of a DCM Caused by a SCN5A Mutation. Biophysical Journal, 2013, 104, 14a-15a.	0.5	0
29	Investigating the Voltage Sensor Domains of Nav1.4, its Structural and Functional Properties via Histidine Scanning Mutagenesis. Biophysical Journal, 2013, 104, 133a.	0.5	0
30	Sodium overload due to a persistent current that attenuates the arrhythmogenic potential of a novel LQT3 mutation. Frontiers in Pharmacology, 2013, 4, 126.	3.5	18
31	Gating pore currents and the resting state of Nav1.4 voltage sensor domains. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19250-19255.	7.1	71
32	Mexiletine Differentially Restores the Trafficking Defects Caused by Two Brugada Syndrome Mutations. Frontiers in Pharmacology, 2012, 3, 62.	3.5	29
33	Brugada Type 1 Pattern and Risk Stratification for Sudden Death: Does the Key Hide in the ECG Analysis? , 0, , .		0