

Mihail G Chelu

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,713
citations

516710

16
h-index

276875

41
g-index

52
all docs

52
docs citations

52
times ranked

2466
citing authors

#	ARTICLE	IF	CITATIONS
1	Calmodulin kinase II-mediated sarcoplasmic reticulum Ca ²⁺ leak promotes atrial fibrillation in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 1940-51.	8.2	338
2	Heat and anesthesia-induced malignant hyperthermia in an RyR1 knock-in mouse. <i>FASEB Journal</i> , 2006, 20, 329-330.	0.5	179
3	Mice with the R176Q cardiac ryanodine receptor mutation exhibit catecholamine-induced ventricular tachycardia and cardiomyopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 12179-12184.	7.1	172
4	Left Atrial Fibrosis and Risk of Cerebrovascular and Cardiovascular Events in Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1311-1321.	2.8	141
5	Intracellular calcium leak due to FKBP12.6 deficiency in mice facilitates the inducibility of atrial fibrillation. <i>Heart Rhythm</i> , 2008, 5, 1047-1054.	0.7	116
6	Initial Experience With a Novel Percutaneous Left Atrial Appendage Exclusion Device in Patients With Atrial Fibrillation, Increased Stroke Risk, and Contraindications to Anticoagulation. <i>American Journal of Cardiology</i> , 2013, 111, 869-873.	1.6	109
7	Regulation of Ryanodine Receptors by FK506 Binding Proteins. <i>Trends in Cardiovascular Medicine</i> , 2004, 14, 227-234.	4.9	88
8	Atrial Fibrosis by Late Gadolinium Enhancement Magnetic Resonance Imaging and Catheter Ablation of Atrial Fibrillation: 5-Year Follow-Up Data. <i>Journal of the American Heart Association</i> , 2018, 7, e006313.	3.7	86
9	High-Power Radiofrequency Catheter Ablation of Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 1583-1594.	3.2	81
10	NLRP3 inflammasome is a key driver of obesity-induced atrial arrhythmias. <i>Cardiovascular Research</i> , 2021, 117, 1746-1759.	3.8	67
11	Cardiomyocyte Inflammasome Signaling in Cardiomyopathies and Atrial Fibrillation: Mechanisms and Potential Therapeutic Implications. <i>Frontiers in Physiology</i> , 2018, 9, 1115.	2.8	53
12	Sarcoplasmic reticulum calcium leak and cardiac arrhythmias. <i>Biochemical Society Transactions</i> , 2007, 35, 952-956.	3.4	42
13	Venous Vascular Closure System Versus Manual Compression Following Multiple Access Electrophysiology Procedures. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 111-124.	3.2	31
14	Smartphone ECG Monitoring System Helps Lower Emergency Room and Clinic Visits in Post-Atrial Fibrillation Ablation Patients. <i>Clinical Medicine Insights: Cardiology</i> , 2020, 14, 117954682090150.	1.8	25
15	Left atrial fibrosis progression detected by LGE-MRI after ablation of atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2020, 43, 402-411.	1.2	19
16	Left atrial functional and structural changes associated with ablation of atrial fibrillation - Cardiac magnetic resonance study. <i>International Journal of Cardiology</i> , 2020, 305, 154-160.	1.7	18
17	Durable lesion formation while avoiding esophageal injury during ablation of atrial fibrillation: Lessons learned from late gadolinium MR imaging. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 385-392.	1.7	16
18	Systematic collection of patient-reported outcomes in atrial fibrillation: feasibility and initial results of the Utah mEVAL AF programme. <i>Europace</i> , 2020, 22, 368-374.	1.7	15

#	ARTICLE	IF	CITATIONS
19	Genetic testing in ambulatory cardiology clinics reveals high rate of findings with clinical management implications. <i>Genetics in Medicine</i> , 2021, 23, 2404-2414.	2.4	14
20	Patient Activity Decreases and Mortality Increases After the Onset of Persistent Atrial Fibrillation in Patients With Implantable Cardioverter-Defibrillators. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 518-523.	3.2	13
21	Cardiac MRI and Fibrosis Quantification. <i>Cardiac Electrophysiology Clinics</i> , 2019, 11, 537-549.	1.7	12
22	Genetics of atrial fibrillation. <i>Current Opinion in Cardiology</i> , 2021, 36, 281-287.	1.8	10
23	Innovations in Cardiac Implantable Electronic Devices. <i>Cardiovascular Drugs and Therapy</i> , 2022, 36, 763-775.	2.6	8
24	Clinical outcomes and predictors of complications in patients undergoing leadless pacemaker implantation. <i>Heart Rhythm</i> , 2022, 19, 1289-1296.	0.7	7
25	Safety and effectiveness of compassionate use of LARIAT® device for epicardial ligation of anatomically complex left atrial appendages. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2015, 42, 11-19.	1.3	6
26	Fatigue Attributable to Broken Pacemaker Header by Baseball. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, e77.	4.8	3
27	Occasional dropped ventricular pacing in a patient with no underlying rhythm and an Advia® dual-chamber pacemaker. <i>Europace</i> , 2015, 17, 1250-1250.	1.7	3
28	Biomarkers (plasma trimethylamine- N -oxide) to predict atrial fibrillation: Are we there yet?. <i>International Journal of Cardiology</i> , 2018, 267, 116-117.	1.7	3
29	Late Gadolinium Enhancement Magnetic Resonance Imaging Evaluation of Post-Atrial Fibrillation Ablation Esophageal Thermal Injury Across the Spectrum of Severity. <i>Journal of the American Heart Association</i> , 2021, 10, e018924.	3.7	3
30	Inherited Arrhythmia Syndromes. <i>Texas Heart Institute Journal</i> , 2021, 48, .	0.3	3
31	â€œSortingâ€•SERCA2a: A novel therapeutic strategy in heart failure?. <i>International Journal of Cardiology</i> , 2018, 272, 306-307.	1.7	2
32	Implantable Cardioverter-Defibrillator Shock after Stenting Across the Device Leads. <i>Texas Heart Institute Journal</i> , 2016, 43, 88-90.	0.3	2
33	Transhepatic venous approach to permanent pacemaker placement in a patient with limited central venous access. <i>World Journal of Clinical Cases</i> , 2015, 3, 835.	0.8	2
34	Acute Lesion Imaging in Predicting Chronic Tissue Injury in the Ventricles. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 791217.	2.4	2
35	Exercise Capacity Correlates With Left Atrial Structural Remodeling as Detected by Late Gadolinium-Enhanced Cardiac Magnetic Resonance in Patients With Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 711-719.	3.2	1
36	LATE GADOLINIUM ENHANCEMENT MRI AS A NOVEL SCREENING MODALITY FOR ESOPHAGEAL THERMAL INJURY AFTER ATRIAL FIBRILLATION ABLATION. <i>Journal of the American College of Cardiology</i> , 2020, 75, 277.	2.8	1

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37	Ablation Approaches and Imaging Modalities to Lower Risk of Atrioesophageal Injury During Catheter Ablation for Atrial Fibrillation. <i>Current Cardiovascular Risk Reports</i> , 2020, 14, 1.	2.0	1
38	Left bundle branch pacing: the new kid on the block. <i>Revista Romana De Cardiologie</i> , 2021, 30, 571-575.	0.1	1
39	Abstract 3501: Calmodulin Kinase II Activation of Mutant Ryanodine Channels Promotes Ectopic Activity and Atrial Fibrillation. <i>Circulation</i> , 2008, 118, .	1.6	1
40	Innovations in atrial fibrillation ablation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, , 1.	1.3	1
41	Incidence of arrhythmias during dialysis in intensive-care-unit patients with end-stage renal disease. <i>International Journal of Cardiology</i> , 2014, 174, 753-754.	1.7	0
42	Psychological Consultation for Patients with Implantable Cardioverter Defibrillator: Confounding Challenges of Cardiac Disease, Technology, and the Patient Experience. , 2016, , 551-566.		0
43	Ablation of atrial fibrillation in patients with heart failure deserves more than a IIb guidelines recommendation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1412-1415.	1.7	0
44	Cardiac rhythm changes during menopause. , 2020, , 237-246.		0
45	A Unique Association: Maffucci Syndrome and Cardiac Pathology. , 2022, 26, 331-335.		0
46	PO-632-03 COMORBIDITIES, CLINICAL OUTCOMES AND PREDICTORS OF COMPLICATIONS IN PATIENTS WITH LEADLESS PACEMAKER. <i>Heart Rhythm</i> , 2022, 19, S172-S173.	0.7	0
47	PO-693-03 ATRIAL FIBRILLATION IN CRYPTOGENIC STROKE: A REAL-WORLD STUDY WITH INSERTABLE CARDIAC MONITOR. <i>Heart Rhythm</i> , 2022, 19, S406-S407.	0.7	0