

Mehdi Razavi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1041634/publications.pdf>

Version: 2024-02-01

40
papers

615
citations

840776
11
h-index

610901
24
g-index

42
all docs

42
docs citations

42
times ranked

1057
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical Stimulation for Low-Energy Termination of Cardiac Arrhythmias: a Review. Cardiovascular Drugs and Therapy, 2023, 37, 323-340.	2.6	7
2	Iatrogenic macroreentry arising after transseptal puncture: A case series. HeartRhythm Case Reports, 2022, 8, 270-274.	0.4	0
3	Insurance Lesions: Does a Second Lesion Make a Difference?. Journal of Cardiovascular Electrophysiology, 2022, , .	1.7	2
4	Artificial Intelligence and Machine Learning in Cardiac Electrophysiology. Texas Heart Institute Journal, 2022, 49, .	0.3	1
5	Contact-force recovery predicts the absence of cardiac perforation during steam pops. Journal of Interventional Cardiac Electrophysiology, 2021, 61, 181-186.	1.3	3
6	Biocompatibility studies of macroscopic fibers made from carbon nanotubes: Implications for carbon nanotube macrostructures in biomedical applications. Carbon, 2021, 173, 462-476.	10.3	25
7	An initial ex vivo evaluation of temperature profile and thermal injury formation on the epiesophageal surface during radiofrequency ablation. Journal of Cardiovascular Electrophysiology, 2021, 32, 704-712.	1.7	9
8	Caution, care, and correlation required for accurate luminal esophageal temperature monitoring. Journal of Cardiovascular Electrophysiology, 2021, 32, 1789-1790.	1.7	0
9	A novel convolutional neural network for reconstructing surface electrocardiograms from intracardiac electrograms and vice versa. Artificial Intelligence in Medicine, 2021, 118, 102135.	6.5	1
10	Reconstituting electrical conduction in soft tissue: the path to replace the ablationist. Europace, 2021, 23, 1892-1902.	1.7	0
11	Cardiac Arrhythmias During Pregnancy. Texas Heart Institute Journal, 2021, 48, .	0.3	2
12	3D construct of hydroxyapatite/zinc oxide/palladium nanocomposite scaffold for bone tissue engineering. Journal of Materials Science: Materials in Medicine, 2020, 31, 85.	3.6	17
13	Bipolar ablation's unique paradigm: Duration and power as respectively distinct primary determinants of transmural and steam pop formation. Heart Rhythm O2, 2020, 1, 290-296.	1.7	11
14	Confirming pericardial access by using impedance measurements from a micropuncture needle. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 593-601.	1.2	1
15	Synchronized Biventricular Heart Pacing in a Closed-chest Porcine Model based on Wirelessly Powered Leadless Pacemakers. Scientific Reports, 2020, 10, 2067.	3.3	21
16	Meta-Analysis Comparing WatchmanTM and Amplatzer Devices for Stroke Prevention in Atrial Fibrillation. Frontiers in Cardiovascular Medicine, 2020, 7, 89.	2.4	17
17	Slow-pathway visualization by using voltage-time relationship: A novel technique for identification and fluoroless ablation of atrioventricular nodal reentrant tachycardia. Journal of Cardiovascular Electrophysiology, 2020, 31, 1430-1435.	1.7	6
18	In Vivo Restoration of Myocardial Conduction With Carbon Nanotube Fibers. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007256.	4.8	30

#	ARTICLE	IF	CITATIONS
19	Three-dimensional cryogels for biomedical applications. Journal of Biomedical Materials Research - Part A, 2019, 107, 2736-2755.	4.0	79
20	Effect of cleaning methods on retentive values of saliva-contaminated implant-supported zirconia copings. Clinical Oral Implants Research, 2018, 29, 530-536.	4.5	10
21	Cover Image, Volume 29, Issue 11. Journal of Cardiovascular Electrophysiology, 2018, 29, i.	1.7	0
22	A Multi-site Heart Pacing Study Using Wirelessly Powered Leadless Pacemakers. , 2018, 2018, 3434-3437.		3
23	Improvement of in vitro behavior of an Mg alloy using a nanostructured composite bioceramic coating. Journal of Materials Science: Materials in Medicine, 2018, 29, 159.	3.6	17
24	Leadless multisite pacing: A feasibility study using wireless power transfer based on Langendorff rodent heart models. Journal of Cardiovascular Electrophysiology, 2018, 29, 1588-1593.	1.7	4
25	Accuracy of Voltage Signal Measurement During Radiofrequency Delivery Through the SMARTTOUCH Catheter. Journal of Cardiovascular Electrophysiology, 2017, 28, 51-55.	1.7	0
26	Effect of botulinum toxin on inducibility and maintenance of atrial fibrillation in ovine myocardial tissue. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 693-702.	1.2	11
27	Effect of botulinum toxin on inducibility and maintenance of atrial fibrillation in ovine myocardial tissue: Response to letter to the editor. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 1185-1185.	1.2	0
28	Near-field impedance accurately distinguishes among pericardial, intracavitary, and anterior mediastinal position. Journal of Cardiovascular Electrophysiology, 2017, 28, 1492-1499.	1.7	6
29	Porous magnesium-based scaffolds for tissue engineering. Materials Science and Engineering C, 2017, 71, 1253-1266.	7.3	212
30	Real-time, data-driven system to learn parameters for multisite pacemaker beat detection. , 2017, , .		1
31	Electromyography as a new means of navigation during endotracheal intubation. Journal of Medical Engineering and Technology, 2015, 39, 508-513.	1.4	0
32	Use of a functionalized introducer sheath and bioimpedance spectroscopy for real-time detection of vascular access complications. Journal of Medical Engineering and Technology, 2015, 39, 191-197.	1.4	2
33	Asymptomatic persistent or permanent atrial fibrillation: A misnomer in selected patients. International Journal of Cardiology, 2015, 185, 112-113.	1.7	11
34	A Review of the LARIAT Suture Delivery Device for Left Atrial Appendage Closure. The Journal of Tehran Heart Center, 2015, 10, 69-73.	0.3	2
35	Abdominal Fat Suspension Device for Maintaining Normal Cardiorespiratory Function in Patients Undergoing Conscious Sedation during Surgery: A Feasibility Study. Texas Heart Institute Journal, 2014, 41, 368-372.	0.3	0
36	Contact Force Recovery Can Predict Cardiac Perforation during Radiofrequency Ablation. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 1129-1132.	1.2	15

#	ARTICLE	IF	CITATIONS
37	Implantable Device to Monitor Cardiac Activity with Sternal Wires. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 1630-1640.	1.2	0
38	Cryoballoon Pressure Waveform Change during Balloon Inflation is not a Reliable Predictor of Adequate Pulmonary Vein Occlusion. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 1702-1707.	1.2	13
39	Surface microstructure and in vitro analysis of nanostructured akermanite (Ca ₂ MgSi ₂ O ₇) coating on biodegradable magnesium alloy for biomedical applications. Colloids and Surfaces B: Biointerfaces, 2014, 117, 432-440.	5.0	69
40	Incidence of arrhythmias during dialysis in intensive-care-unit patients with end-stage renal disease. International Journal of Cardiology, 2014, 174, 753-754.	1.7	0