# Mehdi Razavi

List of Publications by Year
in descending order

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

Version: 2024-02-01

| 40 | 615 | 840776 | 610901 |
|---|---|---|---|
| papers | citations | 11 h-index | 24 g-index |

| 42 | 42 | 42 | 1057 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Porous magnesium-based scaffolds for tissue engineering. Materials Science and Engineering C, 2017, 71, 1253-1266. | 7.3 | 212 |
| 2 | Threeâ€dimensional cryogels for biomedical applications. Journal of Biomedical Materials Research - Part A, 2019, 107, 2736-2755. | 4.0 | 79 |
| 3 | Surface microstructure and in vitro analysis of nanostructured akermanite (Ca2MgSi2O7) coating on biodegradable magnesium alloy for biomedical applications. Colloids and Surfaces B: Biointerfaces, 2014, 117, 432-440. | 5.0 | 69 |
| 4 | In Vivo Restoration of Myocardial Conduction With Carbon Nanotube Fibers. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007256. | 4.8 | 30 |
| 5 | 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 |
| 6 | Synchronized Biventricular Heart Pacing in a Closed-chest Porcine Model based on Wirelessly Powered Leadless Pacemakers. Scientific Reports, 2020, 10, 2067. | 3.3 | 21 |
| 7 | 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 |
| 8 | 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 |
| 9 | Meta-Analysis Comparing WatchmanTM and Amplatzer Devices for Stroke Prevention in Atrial Fibrillation. Frontiers in Cardiovascular Medicine, 2020, 7, 89. | 2.4 | 17 |
| 10 | Contactâ€Force Recovery Can Predict Cardiac Perforation during Radiofrequency Ablation. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 1129-1132. | 1.2 | 15 |
| 11 | 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 |
| 12 | â€œAsymptomaticâ€•persistent or permanent atrial fibrillation: A misnomer in selected patients. International Journal of Cardiology, 2015, 185, 112-113. | 1.7 | 11 |
| 13 | 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 |
| 14 | Bipolar ablationâ€™s unique paradigm: Duration and power as respectively distinct primary determinants of transmurality and steam pop formation. Heart Rhythm O2, 2020, 1, 290-296. | 1.7 | 11 |
| 15 | Effect of cleaning methods on retentive values of salivaâ€contaminated implantâ€supported zirconia copings. Clinical Oral Implants Research, 2018, 29, 530-536. | 4.5 | 10 |
| 16 | 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 |
| 17 | Electrical Stimulation for Low-Energy Termination of Cardiac Arrhythmias: a Review. Cardiovascular Drugs and Therapy, 2023, 37, 323-340. | 2.6 | 7 |
| 18 | Nearâ€field impedance accurately distinguishes among pericardial, intracavitary, and anterior mediastinal position. Journal of Cardiovascular Electrophysiology, 2017, 28, 1492-1499. | 1.7 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Slowâ€pathway visualization by using voltageâ€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 |
| 20 | 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 |
| 21 | A Multi-site Heart Pacing Study Using Wirelessly Powered Leadless Pacemakers. , 2018, 2018, 3434-3437. | | 3 |
| 22 | Contact-force recovery predicts the absence of cardiac perforation during steam pops. Journal of Interventional Cardiac Electrophysiology, 2021, 61, 181-186. | 1.3 | 3 |
| 23 | 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 |
| 24 | Cardiac Arrhythmias During Pregnancy. Texas Heart Institute Journal, 2021, 48, . | 0.3 | 2 |
| 25 | 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 |
| 26 | Insurance Lesions: Does a Second Lesion Make a Difference?. Journal of Cardiovascular Electrophysiology, 2022, , . | 1.7 | 2 |
| 27 | Real-time, data-driven system to learn parameters for multisite pacemaker beat detection. , 2017, , . | | 1 |
| 28 | Confirming pericardial access by using impedance measurements from a micropuncture needle. PACE - Pacing and Clinical Electrophysiology, 2020, 43, 593-601. | 1.2 | 1 |
| 29 | 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 |
| 30 | Artificial Intelligence and Machine Learning in Cardiac Electrophysiology. Texas Heart Institute Journal, 2022, 49, . | 0.3 | 1 |
| 31 | 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 |
| 32 | Implantable Device to Monitor Cardiac Activity with Sternal Wires. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 1630-1640. | 1.2 | 0 |
| 33 | 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 |
| 34 | Electromyography as a new means of navigation during endotracheal intubation. Journal of Medical Engineering and Technology, 2015, 39, 508-513. | 1.4 | 0 |
| 35 | Accuracy of Voltage Signal Measurement During Radiofrequency Delivery Through the SMARTTOUCH Catheter. Journal of Cardiovascular Electrophysiology, 2017, 28, 51-55. | 1.7 | 0 |
| 36 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Cover Image, Volume 29, Issue 11. Journal of Cardiovascular Electrophysiology, 2018, 29, i. | 1.7 | 0 |
| 38 | Caution, care, and correlation required for accurate luminal esophageal temperature monitoring. Journal of Cardiovascular Electrophysiology, 2021, 32, 1789-1790. | 1.7 | 0 |
| 39 | Reconstituting electrical conduction in soft tissue: the path to replace the ablationist. Europace, 2021, 23, 1892-1902. | 1.7 | 0 |
| 40 | Iatrogenic macroreentry arising after transseptal puncture: A case series. HeartRhythm Case Reports, 2022, 8, 270-274. | 0.4 | 0 |