

Noninvasive Cardiac Radiation for Ablation of Ventricu

New England Journal of Medicine

377, 2325-2336

DOI: 10.1056/nejmoa1613773

Citation Report

#	ARTICLE	IF	CITATIONS
1	Noninvasive Ablation of Ventricular Tachycardia. New England Journal of Medicine, 2017, 377, 2388-2390.	27.0	5
3	Contemporary Tools and Techniques for Substrate Ablation of Ventricular Tachycardia in Structural Heart Disease. Current Treatment Options in Cardiovascular Medicine, 2018, 20, 16.	0.9	3
4	Safety and efficacy of stereotactic radioablation targeting pulmonary vein tissues in an experimental model. Heart Rhythm, 2018, 15, 1420-1427.	0.7	44
5	Review of Real-Time 3-Dimensional Image Guided Radiation Therapy on Standard-Equipped Cancer Radiation Therapy Systems: Are We at the Tipping Point for the Era of Real-Time Radiation Therapy?. International Journal of Radiation Oncology Biology Physics, 2018, 102, 922-931.	0.8	45
6	Magnetic resonance imaging guidance for the optimization of ventricular tachycardia ablation. Europace, 2018, 20, 1721-1732.	1.7	24
7	Noninvasive radioablation for VT. Nature Reviews Cardiology, 2018, 15, 133-133.	13.7	1
8	Non-invasive epicardial and endocardial electrocardiographic imaging for scar-related ventricular tachycardia. Europace, 2018, 20, f263-f272.	1.7	23
9	Noninvasive Ablation of Ventricular Tachycardia. New England Journal of Medicine, 2018, 378, 1650-1652.	27.0	9
10	Catheter Ablation of Ventricular Tachycardia. JACC: Clinical Electrophysiology, 2018, 4, 383-385.	3.2	4
11	LONG-TERM RISK OF STROKE AFTER AN EPISODE OF ATRIAL FIBRILLATION OCCURRING TRANSIENTLY WITH STRESS FOLLOWING NON-CARDIAC SURGERY: A SYSTEMATIC REVIEW AND META-ANALYSIS. Canadian Journal of Cardiology, 2018, 34, S133-S134.	1.7	0
12	Effective cardiac radiotherapy relieved life-threatening heart failure caused by advanced small cell lung cancer with cardiac metastasis: a case report. Journal of Thoracic Disease, 2018, 10, E250-E254.	1.4	5
13	Prognostic value of noninvasive programmed stimulation in patients with implantable cardioverter defibrillator. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 1643-1651.	1.2	3
14	Radiation and the heart: systematic review of dosimetry and cardiac endpoints. Expert Review of Cardiovascular Therapy, 2018, 16, 931-950.	1.5	38
15	Cardioprotection During Therapeutic Radiation Treatment. Circulation: Heart Failure, 2018, 11, e005294.	3.9	6
16	Validation and Opportunities of Electrocardiographic Imaging: From Technical Achievements to Clinical Applications. Frontiers in Physiology, 2018, 9, 1305.	2.8	89
17	Investigating multi-leaf collimator tracking in stereotactic arrhythmic radioablation (STAR) treatments for atrial fibrillation. Physics in Medicine and Biology, 2018, 63, 195008.	3.0	16
18	Ventricular Tachycardia Ablation With Half-Normal Saline Irrigant. JACC: Clinical Electrophysiology, 2018, 4, 1186-1188.	3.2	0
19	Prospective Multicenter Experience With Cooled Radiofrequency Ablation Using High Impedance Irrigant to Target Deep Myocardial Substrate Refractory to Standard Ablation. JACC: Clinical Electrophysiology, 2018, 4, 1176-1185.	3.2	95

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20	Magnetic Resonance Image-Guided Radiotherapy (MRIGRT): A 4.5-Year Clinical Experience. Clinical Oncology, 2018, 30, 720-727.	1.4	106
21	Statistical guidance of VT ablation. Journal of Cardiovascular Electrophysiology, 2018, 29, 987-989.	1.7	1
22	Rescue procedure for an electrical storm using robotic non-invasive cardiac radio-ablation. Radiotherapy and Oncology, 2018, 128, 189-191.	0.6	81
23	Safety concerns regarding ablative radiotherapy for ventricular tachycardia. Radiotherapy and Oncology, 2018, 128, 387.	0.6	3
24	Response to Spartalis et al. Radiotherapy and Oncology, 2018, 128, 388.	0.6	0
25	A new approach to the intracardiac inverse problem using Laplacian distance kernel. BioMedical Engineering OnLine, 2018, 17, 86.	2.7	6
26	Multi-Scale Assessments of Cardiac Electrophysiology Reveal Regional Heterogeneity in Health and Disease. Journal of Cardiovascular Development and Disease, 2018, 5, 16.	1.6	1
27	Year in Review in Cardiac Electrophysiology. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006648.	4.8	3
28	Radiotherapy for ablation of ventricular tachycardia: Assessing collateral dosing. Computers in Biology and Medicine, 2018, 102, 376-380.	7.0	14
29	Radiotherapy of patients with cardiac implantable electronic devices according to the DEGRO/DGK guideline“is the risk of relevant errors overestimated?. Strahlentherapie Und Onkologie, 2019, 195, 1086-1093.	2.0	6
30	Mapping of ventricular tachycardia in patients with ischemic cardiomyopathy: Current approaches and future perspectives. Clinical Cardiology, 2019, 42, 1041-1050.	1.8	9
31	Electroporation. Journal of the American College of Cardiology, 2019, 74, 327-329.	2.8	3
32	Letter by Jumeau et al Regarding Article, “Phase I/II Trial of Electrophysiology-Guided Noninvasive Cardiac Radioablation for Ventricular Tachycardia”. Circulation, 2019, 140, e1-e2.	1.6	1
33	CyberKnife Robotic Stereotactic Radiosurgery. , 2019, , 67-76.		7
34	Intramural anterolateral mitral annular idiopathic ventricular tachycardia successfully ablated from the atrium. HeartRhythm Case Reports, 2019, 5, 384-387.	0.4	1
35	2019 HRS/EHRA/APHRS/LAHS expert consensus statement on catheter ablation of ventricular arrhythmias. Europace, 2019, 21, 1143-1144.	1.7	245
36	Risen from the dead: Cardiac stereotactic ablative radiotherapy as last rescue in a patient with refractory ventricular fibrillation storm. HeartRhythm Case Reports, 2019, 5, 329-332.	0.4	50
37	Dose to the cardio-pulmonary system and treatment-induced electrocardiogram abnormalities in locally advanced non-small cell lung cancer. Clinical and Translational Radiation Oncology, 2019, 19, 96-102.	1.7	16

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40	Approach to Management of Premature Ventricular Contractions. Current Treatment Options in Cardiovascular Medicine, 2019, 21, 53.	0.9	0
41	The Role of Cardiac MRI in the Management of Ventricular Arrhythmias in Ischaemic and Non-ischaemic Dilated Cardiomyopathy. Arrhythmia and Electrophysiology Review, 2019, 8, 191-201.	2.4	18
42	Catheter Ablation in Scar. JACC: Clinical Electrophysiology, 2019, 5, 932-934.	3.2	1
43	Noninvasive Stereotactic Radiotherapy for Renal Denervation in a Swine Model. Journal of the American College of Cardiology, 2019, 74, 1697-1709.	2.8	11
44	Ionizing Radiation in Interventional Cardiology and Electrophysiology. Canadian Journal of Cardiology, 2019, 35, 535-538.	1.7	10
45	In the future, emission-guided radiation therapy will play a critical role in clinical radiation oncology. Medical Physics, 2019, 46, 1519-1522.	3.0	3
46	Noninvasive Cardiac Radioablation for Ventricular Arrhythmias. Current Cardiovascular Risk Reports, 2019, 13, 1.	2.0	5
47	Stereotactic radiosurgery as a treatment for recurrent ventricular tachycardia associated with cardiac fibroma. HeartRhythm Case Reports, 2019, 5, 44-47.	0.4	29
48	Stereotactic radiosurgery for ablation of ventricular tachycardia. Europace, 2019, 21, 1088-1095.	1.7	121
49	MRI for Radiotherapy. , 2019, , .		4
50	MRI Linac Systems. , 2019, , 155-168.		6
51	Radiation Therapy Workflow and Dosimetric Analysis from a Phase 1/2 Trial of Noninvasive Cardiac Radioablation for Ventricular Tachycardia. International Journal of Radiation Oncology Biology Physics, 2019, 104, 1114-1123.	0.8	47
52	Stereotactic body radiation therapy for refractory ventricular tachycardia secondary to cardiac lipoma: A case report. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 1276-1279.	1.2	33
53	2019 HRS / EHRA / APHRS / LAHRS expert consensus statement on catheter ablation of ventricular arrhythmias. Journal of Arrhythmia, 2019, 35, 323-484.	1.2	35
54	Lessons Learned From the First Human Low-Field MRI Guided Radiation Therapy of the Heart in the Presence of an Implantable Cardiac Defibrillator. Practical Radiation Oncology, 2019, 9, 274-279.	2.1	14
55	Catheter Ablation of Ventricular Arrhythmias. New England Journal of Medicine, 2019, 380, 1555-1564.	27.0	57
56	Infusion Needle Ablation Catheter. Journal of the American College of Cardiology, 2019, 73, 1426-1429.	2.8	0
57	Biological Cardiac Tissue Effects of High-Energy Heavy Ions – Investigation for Myocardial Ablation. Scientific Reports, 2019, 9, 5000.	3.3	24

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58	In Regard to Gagliardi et al. International Journal of Radiation Oncology Biology Physics, 2019, 104, 219-220.	0.8	0
60	Simultaneous Comparison of Electrocardiographic Imaging and Epicardial Contact Mapping in Structural Heart Disease. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007120.	4.8	40
61	Solving the Inverse Problem of Electrocardiography on the Endocardium Using a Single Layer Source. Frontiers in Physiology, 2019, 10, 58.	2.8	17
62	Historical Perspectives on Cardiac Mapping and Ablation. Cardiac Electrophysiology Clinics, 2019, 11, 405-408.	1.7	2
63	Noninvasive Cardioablation. Cardiac Electrophysiology Clinics, 2019, 11, 481-485.	1.7	7
64	Mapping and Ablation of Ventricular Arrhythmias in Cardiomyopathies. Cardiac Electrophysiology Clinics, 2019, 11, 635-655.	1.7	2
65	Ventricular Tachycardia Ablation. JACC: Clinical Electrophysiology, 2019, 5, 1363-1383.	3.2	86
66	Role of Imaging in the Management of Ventricular Arrhythmias. Cardiology in Review, 2019, 27, 308-313.	1.4	2
67	Advances in Technologies to Improve Ventricular Ablation Safety and Efficacy. Current Cardiovascular Risk Reports, 2019, 13, 1.	2.0	0
68	The year in cardiology 2018: arrhythmias and cardiac devices. European Heart Journal, 2019, 40, 803-808.	2.2	1
69	Integration of cardiac magnetic resonance imaging, electrocardiographic imaging, and coronary venous computed tomography angiography for guidance of left ventricular lead positioning. Europace, 2019, 21, 626-635.	1.7	16
70	Phase I/II Trial of Electrophysiology-Guided Noninvasive Cardiac Radioablation for Ventricular Tachycardia. Circulation, 2019, 139, 313-321.	1.6	288
71	The Year in Cardiothoracic and Vascular Anesthesia: Selected Highlights from 2018. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 2-11.	1.3	5
72	Development of a ShockWave Catheter Ablation System for Ventricular Tachyarrhythmias: Validation Study in Pigs In Vivo. Journal of the American Heart Association, 2019, 8, e011038.	3.7	4
73	Exit sites on the epicardium rarely subtend critical diastolic path of ischemic VT on the endocardium: Implications for noninvasive ablation. Journal of Cardiovascular Electrophysiology, 2019, 30, 520-527.	1.7	9
74	New Concepts in Sudden Cardiac Arrest to Address an Intractable Epidemic. Journal of the American College of Cardiology, 2019, 73, 70-88.	2.8	42
75	Noninvasive Stereotactic Radioablation for Ventricular Tachycardia. Circulation, 2019, 139, 322-324.	1.6	9
76	Catheter Ablation of VT in Non-Ischaemic Cardiomyopathies: Endocardial, Epicardial and Intramural Approaches. Heart Lung and Circulation, 2019, 28, 84-101.	0.4	25

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77	Performance and limitations of noninvasive cardiac activation mapping. <i>Heart Rhythm</i> , 2019, 16, 435-442.	0.7	108
78	Reflections on the early invasive clinical cardiac electrophysiology era through fifty manuscripts: 1967–1992. <i>Journal of Arrhythmia</i> , 2019, 35, 7-17.	1.2	3
79	Treatment of ventricular arrhythmias: What's New?. <i>Trends in Cardiovascular Medicine</i> , 2019, 29, 249-261.	4.9	14
80	2019 HRS/EHRA/APHRS/LAHRS expert consensus statement on catheter ablation of ventricular arrhythmias. <i>Heart Rhythm</i> , 2020, 17, e2-e154.	0.7	184
81	Accuracy of cardiac ablation catheter guidance by means of a single equivalent moving dipole inverse algorithm to identify sites of origin of cardiac electrical activation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 58, 323-331.	1.3	2
82	Noninvasive ablation of ventricular tachycardia with stereotactic radiotherapy in a patient with arrhythmogenic right ventricular cardiomyopathy. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2020, 73, 97-99.	0.6	11
83	State-of-the-Art and Future Prospects of Ion Beam Therapy: Physical and Radiobiological Aspects. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2020, 4, 147-160.	3.7	13
84	Clinical experience of stereotactic body radiation for refractory ventricular tachycardia in advanced heart failure patients. <i>Heart Rhythm</i> , 2020, 17, 415-422.	0.7	91
85	Stereotactic body radiotherapy for ventricular tachycardia (cardiac radiosurgery). <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 23-30.	2.0	41
86	Three Discipline Collaborative Radiation Therapy (3DCRT) special debate: In the future, at least 20% of NIH funding for radiotherapy research should be allocated to non-oncologic applications. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 7-13.	1.9	0
87	How personalized heart modeling can help treatment of lethal arrhythmias: A focus on ventricular tachycardia ablation strategies in post-infarction patients. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2020, 12, e1477.	6.6	20
88	Feasibility study of surface motion tracking with millimeter wave technology during radiotherapy. <i>Medical Physics</i> , 2020, 47, 1229-1237.	3.0	3
89	Ablación no invasiva de taquicardia ventricular con radioterapia estereotáctica en un paciente con miocardiopatía arritmogénica de ventrículo derecho. <i>Revista Espanola De Cardiologia</i> , 2020, 73, 98-99.	1.2	1
90	Forging ahead: Update on radiofrequency ablation technology and techniques. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 360-369.	1.7	12
91	Premature ventricular complexes: diagnostic and therapeutic considerations in clinical practice. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 57, 5-26.	1.3	36
92	Moving the needle: Tissue characterization and lesion formation during infusion-needle ablation. <i>Heart Rhythm</i> , 2020, 17, 406-407.	0.7	1
93	Histopathologic and Ultrastructural Findings in Human Myocardium After Stereotactic Body Radiation Therapy for Recalcitrant Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008753.	4.8	31
96	Noninvasive Radioablation of Ventricular Tachycardia. <i>Cardiology in Review</i> , 2020, 28, 283-290.	1.4	0

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97	Noninvasive ventricular tachycardia ablation: Should we apply the accelerator or the brake?. Heart Rhythm, 2020, 17, 1249-1250.	0.7	3
98	Integration of Electroanatomical Mapping With Imaging to Guide Radiotherapy of VT Substrates With High Accuracy. JACC: Clinical Electrophysiology, 2020, 6, 874-876.	3.2	4
99	Electrocardiographic imaging for cardiac arrhythmias and resynchronization therapy. Europace, 2020, 22, 1447-1462.	1.7	20
100	Non-invasive stereotactic body radiation therapy for refractory ventricular arrhythmias: an institutional experience. Journal of Interventional Cardiac Electrophysiology, 2021, 61, 535-543.	1.3	47
101	Catheter-free ablation of infarct scar through proton beam therapy: Tissue effects in a porcine model. Heart Rhythm, 2020, 17, 2190-2199.	0.7	13
102	Advantages and challenges for noninvasive atrial fibrillation ablation. Journal of Interventional Cardiac Electrophysiology, 2021, 62, 319-327.	1.3	6
103	Proton or photon radiosurgery for cardiac ablation of ventricular tachycardia? Breath and ECG gated robust optimization. Physica Medica, 2020, 78, 15-31.	0.7	9
104	Carbon Ion Radiobiology. Cancers, 2020, 12, 3022.	3.7	104
105	STRA-MI-VT (STereotactic RadioAblation by Multimodal Imaging for Ventricular Tachycardia): rationale and design of an Italian experimental prospective study. Journal of Interventional Cardiac Electrophysiology, 2020, 61, 583-593.	1.3	12
106	Catheter-Free Arrhythmia Ablation Using Scanned Proton Beams. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008838.	4.8	17
107	Radioactive Beams in Particle Therapy: Past, Present, and Future. Frontiers in Physics, 2020, 8, 00326.	2.1	31
108	Case Report: A Case Report of Stereotactic Ventricular Arrhythmia Radioablation (STAR) on Large Cardiac Target Volume by Highly Personalized Inter- and Intra-fractional Image Guidance. Frontiers in Cardiovascular Medicine, 2020, 7, 565471.	2.4	5
109	MR-guided stereotactic body radiation therapy for intracardiac and pericardial metastases. Clinical and Translational Radiation Oncology, 2020, 25, 102-106.	1.7	12
110	IRN-MLSQR: An improved iterative reweight norm approach to the inverse problem of electrocardiography incorporating factorization-free preconditioned LSQR. Journal of Electrocardiology, 2020, 62, 190-199.	0.9	5
111	Analysis of cardiac motion without respiratory motion for cardiac stereotactic body radiation therapy. Journal of Applied Clinical Medical Physics, 2020, 21, 48-55.	1.9	14
112	Assessment of cardiac function, blood flow and myocardial tissue relaxation parameters at 0.35 T. NMR in Biomedicine, 2020, 33, e4317.	2.8	13
113	Technical Note: Cardiac synchronized volumetric modulated arc therapy for stereotactic arrhythmia radioablation – Proof of principle. Medical Physics, 2020, 47, 3567-3572.	3.0	15
114	Medical physics challenges in clinical MR-guided radiotherapy. Radiation Oncology, 2020, 15, 93.	2.7	101

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115	Ventricular arrhythmias in heart failure with reduced ejection fraction. <i>Current Opinion in Cardiology</i> , 2020, 35, 282-288.	1.8	2
116	Prospective Assessment of an Automated Intraprocedural 12-Lead ECG-Based System for Localization of Early Left Ventricular Activation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008262.	4.8	15
117	A Case of Ventricular Tachycardia Caused by a Rare Cardiac Mesenchymal Hamartoma. <i>JACC: Case Reports</i> , 2020, 2, 1049-1055.	0.6	3
118	The New Normal. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 693-695.	3.2	1
119	2019 APHRS expert consensus statement on three-dimensional mapping systems for tachycardia developed in collaboration with HRS, EHRA, and LAHRS. <i>Journal of Arrhythmia</i> , 2020, 36, 215-270.	1.2	57
120	Stereotactic arrhythmia radioablation for refractory scar-related ventricular tachycardia. <i>Heart Rhythm</i> , 2020, 17, 1241-1248.	0.7	96
121	Differences in Expression of Mitochondrial Complexes Due to Genetic Variants May Alter Sensitivity to Radiation-Induced Cardiac Dysfunction. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 23.	2.4	11
122	Noninvasive localization of cardiac arrhythmias using electromechanical wave imaging. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	14
123	Deep sedation as temporary bridge to definitive treatment of ventricular arrhythmia storm. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 657-664.	1.0	15
124	Adverse cardiac effects of cancer therapies: cardiotoxicity and arrhythmia. <i>Nature Reviews Cardiology</i> , 2020, 17, 474-502.	13.7	332
125	Stereotactic Radiotherapy for the Management of Refractory Ventricular Tachycardia: Promise and Future Directions. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 108.	2.4	23
126	Spatial-Temporal Signals and Clinical Indices in Electrocardiographic Imaging (I): Preprocessing and Bipolar Potentials. <i>Sensors</i> , 2020, 20, 3131.	3.8	2
127	A novel open-source software-based high-precision workflow for target definition in cardiac radioablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2689-2695.	1.7	28
128	2019 HRS/EHRA/APHRS/LAHRS expert consensus statement on catheter ablation of ventricular arrhythmias. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 59, 145-298.	1.3	19
129	First magnetic resonance imaging-guided cardiac radioablation of sustained ventricular tachycardia. <i>Radiotherapy and Oncology</i> , 2020, 152, 203-207.	0.6	59
130	Mapping Ventricular Tachycardia With Electrocardiographic Imaging. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008255.	4.8	4
131	Simultaneous Endocardial and Epicardial Delineation of 3D Reentrant Ventricular Tachycardia. <i>Journal of the American College of Cardiology</i> , 2020, 75, 884-897.	2.8	94
132	Outcomes of catheter ablation of ventricular arrhythmia originating from the left ventricular summit: A multicenter study. <i>Heart Rhythm</i> , 2020, 17, 1077-1083.	0.7	31

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133	Noninvasive stereotactic radioablation for the treatment of atrial fibrillation: Firstâ€man experience. Journal of Arrhythmia, 2020, 36, 67-74.	1.2	26
134	Evaluation of ECG Imaging to Map Hemodynamically Stable and Unstable Ventricular Arrhythmias. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e007377.	4.8	29
135	Interaction between CIEDs and modern radiotherapy techniques: Flattening filter free-VMAT, dose-rate effects, scatter radiation, and neutron-generating energies. Radiotherapy and Oncology, 2020, 152, 196-202.	0.6	10
136	Bladder filling protocols for radical prostate radiotherapy: an exploration of patient experience. Radiography, 2020, 26, S7.	2.1	1
137	Cardiac radioablationâ€A systematic review. Heart Rhythm, 2020, 17, 1381-1392.	0.7	94
138	Radiosurgery for ventricular tachycardia: preclinical and clinical evidence and study design for a German multi-center multi-platform feasibility trial (RAVENTA). Clinical Research in Cardiology, 2020, 109, 1319-1332.	3.3	40
139	Stereotactic Ablative radiation therapy (SABR) for cardiac arrhythmia: A new therapeutic option?. Radiologia Medica, 2021, 126, 155-162.	7.7	15
140	Electrocardiographic imaging of the arrhythmogenic substrate of Brugada syndrome: Current evidence and future perspectives. Trends in Cardiovascular Medicine, 2021, 31, 323-329.	4.9	2
141	New developments in catheter ablation for patients with congenital heart disease. Expert Review of Cardiovascular Therapy, 2021, 19, 15-26.	1.5	7
142	A Review of Cardiac Radioablation (CR) for Arrhythmias: Procedures, Technology, and Future Opportunities. International Journal of Radiation Oncology Biology Physics, 2021, 109, 783-800.	0.8	37
143	Novel Workflow for Conversion of Catheter-Based Electroanatomic Mapping to DICOM Imaging for Noninvasive Radioablation of Ventricular Tachycardia. Practical Radiation Oncology, 2021, 11, 84-88.	2.1	21
144	Evaluation and treatment of premature ventricular contractions in heart failure with reduced ejection fraction. Heart, 2021, 107, 10-17.	2.9	5
145	Outcomes of Percutaneous Transâ€Right Atrial Access to the Left Ventricle for Catheter Ablation of Ventricular Tachycardia in Patients With Mechanical Aortic and Mitral Valves. JAMA Cardiology, 2021, 6, 326.	6.1	10
146	Machine Learned Cellular Phenotypes in Cardiomyopathy Predict Sudden Death. Circulation Research, 2021, 128, 172-184.	4.5	35
147	Radiofrequency ablation: technological trends, challenges, and opportunities. Europace, 2021, 23, 511-519.	1.7	28
148	Firstâ€man case of nonâ€invasive proton radiotherapy for the treatment of refractory ventricular tachycardia in advanced heart failure. European Journal of Heart Failure, 2021, 23, 195-196.	7.1	16
149	Linacâ€based STereotactic Arrhythmia Radioablation (STAR) of ventricular tachycardia: Case report and literature review. Clinical Case Reports (discontinued), 2021, 9, 362-366.	0.5	6
150	Progression of infarct-mediated arrhythmogenesis in a rodent model of heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H108-H116.	3.2	4

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151	Malignant Pericardial Mesothelioma Treated Using Volumetric Modulated Arc Therapy With a Simultaneous Integrated Boost. <i>Advances in Radiation Oncology</i> , 2021, 6, 100562.	1.2	0
152	Review of Stereotactic Arrhythmia Radioablation Therapy for Cardiac Tachydysrhythmias. <i>CJC Open</i> , 2021, 3, 236-247.	1.5	7
153	Atrial Fibrillation and Ventricular Tachyarrhythmias: Advancements for Better Outcomes. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2021, 20, 249-259.	0.7	4
154	Ventricular Arrhythmia Burden as a Marker of Success Following Catheter Ablation of Ventricular Arrhythmias in Patients with Structural Heart Disease. <i>Korean Circulation Journal</i> , 2021, 51, 455.	1.9	6
156	Coronary Venous Mapping and Catheter Ablation for Ventricular Arrhythmias. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021, 17, 13.	1.0	10
157	Updates in Ventricular Tachycardia Ablation. <i>Korean Circulation Journal</i> , 2021, 51, 15.	1.9	5
158	The History of Mapping. , 2021, , 27-40.		0
159	Cardiac Toxicity of Thoracic Radiotherapy: Existing Evidence and Future Directions. <i>Journal of Thoracic Oncology</i> , 2021, 16, 216-227.	1.1	117
160	Focus on stereotactic radiotherapy: A new way to treat severe ventricular arrhythmias?. <i>Archives of Cardiovascular Diseases</i> , 2021, 114, 140-149.	1.6	2
161	Feasibility study shows concordance between image-based virtual heart ablation targets and predicted ECG-based arrhythmia exit sites. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 432-441.	1.2	7
162	Opportunities and perspectives of stereotactic radiosurgery for non-invasive arrhythmology interventions. <i>Journal of Arrhythmology</i> , 2021, 27, 33-41.	0.2	3
163	Real-time measurement of ICD lead motion during stereotactic body radiotherapy of ventricular tachycardia. <i>Reports of Practical Oncology and Radiotherapy</i> , 2021, 26, 128-137.	0.6	8
164	Cardiac radioablation in the treatment of ventricular tachycardia. <i>Clinical and Translational Radiation Oncology</i> , 2021, 31, 71-79.	1.7	9
165	Implementation of Cardiac Stereotactic Radiotherapy: From Literature to the Linac. <i>Cureus</i> , 2021, 13, e13606.	0.5	1
166	The role of imaging in catheter ablation of ventricular arrhythmias. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 1115-1125.	1.2	9
167	Stereotactic management of arrhythmia “ radiosurgery in treatment of ventricular tachycardia (SMART-VT) “ clinical trial protocol and study rationale. <i>OnCOREview</i> , 2021, 10, 123-129.	0.2	4
168	Ventricular Arrhythmias Due to Glomangiosarcoma Cardiac Metastases. <i>JACC: CardioOncology</i> , 2021, 3, 150-153.	4.0	2
169	Clinical Evidence behind Stereotactic Radiotherapy for the Treatment of Ventricular Tachycardia (STAR)“ A Comprehensive Review. <i>Journal of Clinical Medicine</i> , 2021, 10, 1238.	2.4	16

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170	Failla Memorial Lecture: The Many Facets of Heavy-Ion Science. Radiation Research, 2021, 195, 403-411.	1.5	3
171	Early Changes in Rat Heart After High-Dose Irradiation: Implications for Antiarrhythmic Effects of Cardiac Radioablation. Journal of the American Heart Association, 2021, 10, e019072.	3.7	23
172	Electrophysiological and Pathological Impact of Medium-Dose External Carbon Ion and Proton Beam Radiation on the Left Ventricle in an Animal Model. Journal of the American Heart Association, 2021, 10, e019687.	3.7	4
173	Safety of lung stereotactic ablative radiotherapy for the functioning of cardiac implantable electronic devices. Radiotherapy and Oncology, 2021, 156, 193-198.	0.6	4
174	Incessant ventricular tachycardia treated with cardiac radioablation in an 11-year-old boy with dilated cardiomyopathy. HeartRhythm Case Reports, 2021, 7, 186-190.	0.4	1
175	Electrocardiographic Imaging for Atrial Fibrillation: A Perspective From Computer Models and Animal Experiments to Clinical Value. Frontiers in Physiology, 2021, 12, 653013.	2.8	20
176	High-intensity ultrasound catheter ablation achieves deep mid-myocardial lesions in vivo. Heart Rhythm, 2021, 18, 623-631.	0.7	7
177	Screening and management of atrial fibrillation in primary care. BMJ, The, 2021, 373, n379.	6.0	9
178	Dosimetric feasibility of stereotactic ablative radiotherapy in pulmonary vein isolation for atrial fibrillation using intensity-modulated proton therapy. Journal of Applied Clinical Medical Physics, 2021, 22, 79-88.	1.9	2
179	Stereotactic arrhythmia radioablation for intramural basal septal ventricular tachycardia originating near the His bundle. HeartRhythm Case Reports, 2021, 7, 246-250.	0.4	2
180	Accessing the inaccessible: Stereotactic radioablation of premature ventricular complexes originating in the right ventricle in a patient with a mechanical tricuspid valve. HeartRhythm Case Reports, 2021, 7, 229-231.	0.4	0
181	Immediate Response to Electroanatomical Mapping-Guided Stereotactic Ablative Radiotherapy for Ventricular Tachycardia. Radiation Research, 2021, 195, 596-599.	1.5	0
182	Non-invasive ablation of arrhythmias with stereotactic ablative radiotherapy. Trends in Cardiovascular Medicine, 2022, 32, 287-296.	4.9	13
183	First Asian population study of stereotactic body radiation therapy for ventricular arrhythmias. Scientific Reports, 2021, 11, 10360.	3.3	10
184	Case series on stereotactic body radiation therapy in non-ischemic cardiomyopathy patients with recurrent ventricular tachycardia. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 1085-1093.	1.2	7
185	Analysis of depolarization abnormality and autonomic nerve function after stereotactic body radiation therapy for ventricular tachycardia in a patient with old myocardial infarction. HeartRhythm Case Reports, 2021, 7, 306-311.	0.4	2
186	Editorial commentary: Stereotactic ablative radiotherapy for cardiac arrhythmia – A rising STAR?. Trends in Cardiovascular Medicine, 2022, 32, 297-298.	4.9	1
187	Electrical storm: Prognosis and management. Progress in Cardiovascular Diseases, 2021, 66, 70-79.	3.1	17

#	ARTICLE	IF	CITATIONS
188	The margin of internal risk volume on atrial septal and ventricular septal based on electrocardiograph gating 4DCT. <i>Annals of Translational Medicine</i> , 2021, 9, 842-842.	1.7	1
189	Ablative radiosurgery for cardiac arrhythmias—A systematic review. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2021, 25, 373-379.	1.4	1
190	All for one and one for All? “Do we need a VT network?”. <i>IJC Heart and Vasculature</i> , 2021, 34, 100769.	1.1	0
191	Catheter Ablation Using Half-Normal Saline and Dextrose Irrigation in an Ovine Ventricular Model. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 1229-1239.	3.2	19
192	Multispecialty Enterprise Imaging Workgroup Consensus on Interactive Multimedia Reporting Current State and Road to the Future: HIMSS-SIIM Collaborative White Paper. <i>Journal of Digital Imaging</i> , 2021, 34, 495-522.	2.9	10
193	The Rapidly-Developing Area of Radiocardiography: Principles, Complications and Applications of Radiotherapy on the Heart. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1818-1827.	1.7	8
194	Contemporary radiotherapy: present and future. <i>Lancet, The</i> , 2021, 398, 171-184.	13.7	94
195	Evaluation of Motion Compensation Methods for Noninvasive Cardiac Radioablation of Ventricular Tachycardia. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 1023-1032.	0.8	14
196	Interdisciplinary Clinical Target Volume Generation for Cardiac Radioablation: Multicenter Benchmarking for the RADIOSURGERY for VENTRICULAR TACHYCARDIA (RAVENTA) Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 745-756.	0.8	28
197	A proof-of-concept treatment planning study of gated proton radiotherapy for cardiac soft tissue sarcoma. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 19, 78-84.	2.9	6
198	Linac-based STereotactic Arrhythmia Radioablation (STAR) for ventricular tachycardia: a treatment planning study. <i>Japanese Journal of Radiology</i> , 2021, 39, 1223-1228.	2.4	9
199	Stereotactic Arrhythmia Radioablation for Ventricular Tachycardia: Single Center First Experiences. <i>Advances in Radiation Oncology</i> , 2021, 6, 100702.	1.2	5
200	Proof-of-concept for x-ray based real-time image guidance during cardiac radioablation. <i>Physics in Medicine and Biology</i> , 2021, 66, 175010.	3.0	1
201	Structure and function of the ventricular tachycardia isthmus. <i>Heart Rhythm</i> , 2022, 19, 137-153.	0.7	31
202	Recommendations regarding cardiac stereotactic body radiotherapy for treatment refractory ventricular tachycardia. <i>Heart Rhythm</i> , 2021, 18, 2137-2145.	0.7	25
203	Artificial intelligence in the diagnosis and management of arrhythmias. <i>European Heart Journal</i> , 2021, 42, 3904-3916.	2.2	45
204	Epicardial ablation of ventricular tachycardia in patients with structural heart disease: a single-centre experience over 12 years. <i>Europace</i> , 2021, 23, 1980-1988.	1.7	7
205	Substrate Modification Using Stereotactic Radioablation to Treat Refractory Ventricular Tachycardia in Patients With Ischemic Cardiomyopathy. <i>JACC: Clinical Electrophysiology</i> , 2022, 8, 49-58.	3.2	29

#	ARTICLE	IF	CITATIONS
206	Quantifying radiotracer activity on cardiac sympathetic imaging: Does it really matter?. Journal of Nuclear Cardiology, 2022, 29, 426-429.	2.1	0
207	Novel use of preprocedure imaging for planning and guidance of right atrium-to-left ventricle access for catheter ablation of ventricular tachycardia. HeartRhythm Case Reports, 2021, 7, 726-730.	0.4	1
208	Cardiac stereotactic radiation therapy: Charting a course through uncharted waters. Heart Rhythm, 2021, 18, 2146-2147.	0.7	1
209	Stereotactic radioablation of ventricular arrhythmias in patients with structural heart disease – A systematic review. Radiotherapy and Oncology, 2021, 162, 132-139.	0.6	22
210	Accuracy of electroanatomical mapping-guided cardiac radiotherapy for ventricular tachycardia: pitfalls and solutions. Europace, 2021, 23, 1989-1997.	1.7	17
211	Case report: incessant ventricular fibrillation in a conscious left ventricular assist device patient. European Heart Journal - Case Reports, 2021, 5, ytab337.	0.6	4
212	Current clinical practice in patients with cardiac implantable electronic devices undergoing radiotherapy: a literature review. Europace, 2022, 24, 362-374.	1.7	8
213	Cardiac stereotactic ablative radiotherapy for refractory ventricular arrhythmias: A radical alternative? A narrative review of rationale and cardiological aspects. Journal of Medical Imaging and Radiation Sciences, 2021, 52, 626-635.	0.3	7
214	Letter from the Editor in Chief. Journal of Innovations in Cardiac Rhythm Management, 2021, 12, A7-A7.	0.5	0
215	Use of Stereotactic Radioablation Therapy as a Bailout Therapy for Refractory Ventricular Tachycardia in a Patient with a No-entry Left Ventricle. Journal of Innovations in Cardiac Rhythm Management, 2021, 12, 4671-4675.	0.5	4
216	Tailored stereotactic radiotherapy technique using deep inspiration breath-hold to reduce stomach dose for cardiac radioablation. Radiation Oncology Journal, 2021, 39, 167-173.	1.5	7
217	Computational ECG mapping and respiratory gating to optimize stereotactic ablative radiotherapy workflow for refractory ventricular tachycardia. Heart Rhythm O2, 2021, 2, 511-520.	1.7	17
218	State of the art paper: Cardiovascular CT for planning ventricular tachycardia ablation procedures. Journal of Cardiovascular Computed Tomography, 2021, 15, 394-402.	1.3	13
219	Cardiac stereotactic body radiation therapy for ventricular tachycardia: Current experience and technical gaps. Journal of Cardiovascular Electrophysiology, 2021, 32, 2901-2914.	1.7	8
220	Efficacy and Tolerability of Quinidine as Salvage Therapy for Monomorphic Ventricular Tachycardia in patients with Structural Heart Disease. Journal of Cardiovascular Electrophysiology, 2021, 32, 3173-3178.	1.7	3
221	Radiation-Induced Changes in Ventricular Myocardium After Stereotactic Body Radiotherapy for Recurrent Ventricular Tachycardia. JACC: Clinical Electrophysiology, 2021, 7, 1487-1492.	3.2	16
222	Leveraging Radiobiology for Arrhythmia Management: A New Treatment Paradigm?. Clinical Oncology, 2021, 33, 723-734.	1.4	5
223	Electroanatomical mapping-guided stereotactic radiotherapy for right ventricular tachycardia storm. HeartRhythm Case Reports, 2019, 5, 590-592.	0.4	19

#	ARTICLE	IF	CITATIONS
224	Stereotactic Body Radiation Therapy for the Treatment of Primary Cardiac Angiosarcoma Causing Hemodynamic Instability. Practical Radiation Oncology, 2019, 9, 5-8.	2.1	9
225	A case report of successful elimination of recurrent ventricular tachycardia by repeated stereotactic radiotherapy: the importance of accurate target volume delineation. European Heart Journal - Case Reports, 2021, 5, ytaa516.	0.6	15
227	The Potential Application of Heavy Ion Beams in the Treatment of Arrhythmia: The Role of Radiation-Induced Modulation of Connexin43 and the Sympathetic Nervous System. International Journal of Particle Therapy, 2018, 5, 140-150.	1.8	7
228	Cardiovascular Toxicities of Radiation Therapy. Methodist DeBakey Cardiovascular Journal, 2021, 15, 274.	1.0	21
229	Non-invasive Stereotactic Radioablation: A New Option for the Treatment of Ventricular Arrhythmias. Arrhythmia and Electrophysiology Review, 2020, 8, 285-293.	2.4	11
230	Multimodality Imaging to Guide Ventricular Tachycardia Ablation in Patients with Non-ischaemic Cardiomyopathy. Arrhythmia and Electrophysiology Review, 2020, 8, 255-264.	2.4	11
231	Non-invasive Cardiac Radiation for Ablation of Ventricular Tachycardia: a New Therapeutic Paradigm in Electrophysiology. Arrhythmia and Electrophysiology Review, 2018, 7, 8.	2.4	20
232	Substrate Mapping and Ablation for Ventricular Tachycardia in Patients with Structural Heart Disease: How to Identify Ventricular Tachycardia Substrate. Journal of Innovations in Cardiac Rhythm Management, 2019, 10, 3565-3580.	0.5	16
233	Stereotactic Cardiac Radiation to Control Ventricular Tachycardia and Fibrillation Storm in a Patient with Apical Hypertrophic Cardiomyopathy at Burnout Stage: Case Report. Journal of Korean Medical Science, 2020, 35, e200.	2.5	12
234	Drift of Scroll Waves in a Mathematical Model of a Heterogeneous Human Heart Left Ventricle. Mathematics, 2020, 8, 776.	2.2	4
235	Noninvasive arrhythmia mapping and ablation - myth or reality?. Journal of Arrhythmology, 2020, 27, 5-8.	0.2	2
236	Ventricular Tachycardia Ablation in Non-ischemic Cardiomyopathy. Korean Circulation Journal, 2020, 50, 203.	1.9	5
237	Novel approaches for the treatment of ventricular tachycardia. World Journal of Cardiology, 2017, 10, 52-59.	1.5	9
238	Ventricular Tachycardia: A Treatment Comparison Study of the CyberKnife with Conventional Linear Accelerators. Cureus, 2018, 10, e3445.	0.5	11
239	Cardiac radiotherapy induces electrical conduction reprogramming in the absence of transmural fibrosis. Nature Communications, 2021, 12, 5558.	12.8	75
240	Stereotactic Arrhythmia Radioablation as a Novel Treatment Approach for Cardiac Arrhythmias: Facts and Limitations. Biomedicines, 2021, 9, 1461.	3.2	0
241	New curative approach using embolization followed by moderate-dose radiotherapy after surgical failure for large right heart metastasis. Clinical and Translational Radiation Oncology, 2022, 32, 1-5.	1.7	0
242	Ablation of ventricular tachycardia in 2021. European Heart Journal Supplements, 2021, 23, E25-E27.	0.1	3

#	ARTICLE	IF	CITATIONS
243	Advances in Mapping of Ventricular Tachycardia. Current Treatment Options in Cardiovascular Medicine, 2021, 23, 1.	0.9	0
244	SBRT of ventricular tachycardia using 4pi optimized trajectories. Journal of Applied Clinical Medical Physics, 2021, 22, 72-86.	1.9	7
245	Stereotactic Radiosurgery for Atrioventricular Node Ablation in Swine: A Study on Efficacy and Dosimetric Evaluation of Organs at Risk. Cureus, 2021, 13, e18785.	0.5	0
246	Stereotactic radioablation for the treatment of ventricular tachycardia: preliminary data and insights from the STRA-MI-VT phase Ib/II study. Journal of Interventional Cardiac Electrophysiology, 2021, 62, 427-439.	1.3	35
247	Unmissable EP papers. Arrhythmia and Electrophysiology Review, 2018, 7, 7.	2.4	0
248	Deformable registration of radiation isodose lines to delayed contrast-enhanced magnetic resonance images for assessment of myocardial lesion formation following proton beam therapy. , 2018, , .		1
249	Quantitative assessment of cardiac motion using multiphase computed tomography imaging with application to cardiac ablation therapy. , 2018, , .		2
250	Catheter ablation of ventricular tachycardia in structural heart disease: current perspectives. Intervencni A Akutni Kardiologie, 2018, 17, 85-91.	0.0	0
251	MRI at the Time of External Beam Treatment. , 2019, , 169-188.		1
252	The Next 10 Years in Atrial Fibrillation. US Cardiology Review, 2019, 13, 54-57.	0.5	0
253	Quantitative assessment of the relationship between myocardial lesion formation detected by delayed contrast-enhanced magnetic resonance imaging and proton beam planning dose for treatment of ventricular tachycardia. , 2019, , .		0
255	Hybrid Catheter-Based and Surgical Techniques for Ablation of Ventricular Arrhythmias. Arrhythmia and Electrophysiology Review, 2020, 9, 97-103.	2.4	3
256	Fluoroscopic Demonstration of Thoracic Tumor Immobilization with High Frequency Percussive Ventilation. , 2020, 01, .		0
257	8.2.9â€œExpansion of Heavy-Ion Beam Application â€œIon Beam Breeding and Non-invasive Arrhythmia Treatmentâ€œ. Radioisotopes, 2019, 68, 749-758.	0.2	0
258	Electrophysiologic mapping and cardiac ablation therapy for prevention of ventricular tachycardia. , 2020, , 683-723.		0
259	Keeping a finger on the pulseâ€œa brief history of cardiovascular medicine. , 2020, , 1-22.		0
260	Ventricular Tachycardia and Heart Failure. , 0, , .		0
261	The Use of Electrocardiographic Imaging in Localising the Origin of Arrhythmias During Catheter Ablation of Ventricular Tachycardia. Arrhythmia and Electrophysiology Review, 2021, 10, 211-217.	2.4	0

#	ARTICLE	IF	CITATIONS
262	Surgical ablation after stereotactic body radiation therapy for ventricular arrhythmias. HeartRhythm Case Reports, 2022, 8, 73-76.	0.4	2
263	Body Surface Potential Mapping: Contemporary Applications and Future Perspectives. Hearts, 2021, 2, 514-542.	0.9	14
264	Prospects for noninvasive ablation of ventricular tachycardia in patients with structural heart disease. Journal of Arrhythmology, 2020, 27, 40-44.	0.2	1
265	Catheter Ablation Without Use of X-rays to Treat Atrial Fibrillation and Atrial Arrhythmia. Arquivos Brasileiros De Cardiologia, 2020, 114, 1027-1028.	0.8	0
266	Stereotactic ablative body radiotherapy for ventricular tachycardia: An alternative therapy for refractory patients. , 2021, 25, 858-862.		2
267	Cardiac stereotactic ablative radiotherapy for control of refractory ventricular tachycardia: initial UK multicentre experience. Open Heart, 2021, 8, e001770.	2.3	31
268	Stereotactic radioablation for ventricular tachycardia. Herzschrittmachertherapie Und Elektrophysiologie, 2022, 33, 49-54.	0.8	5
269	Detailed Assessment of Low-Voltage Zones Localization by Cardiac MRI in Patients With Implantable Devices. JACC: Clinical Electrophysiology, 2022, 8, 225-235.	3.2	4
270	Ventricular cervical cancer metastasis treated with SBRT— case report of a long-term survivor. Current Problems in Cancer Case Reports, 2021, 4, 100131.	0.1	0
271	Clinical management of electrical storm: a current overview. Journal of Cardiovascular Medicine, 2021, 22, 669-679.	1.5	4
272	7. Arrhythmia Therapy Update. The Journal of the Japanese Society of Internal Medicine, 2020, 109, 1906-1911.	0.0	0
273	Recent Insights Into Mechanisms and Clinical Approaches to Electrical Storm. Canadian Journal of Cardiology, 2022, 38, 439-453.	1.7	14
274	Tachyarrhythmias in Congenital Heart Diseases: From Ion Channels to Catheter Ablation. Journal of Cardiovascular Development and Disease, 2022, 9, 39.	1.6	2
275	AAPM Task Group Report 290: Respiratory motion management for particle therapy. Medical Physics, 2022, 49, .	3.0	30
276	Assessing Noninvasive Delineation of Low-Voltage Zones Using ECG Imaging in Patients With Structural Heart Disease. JACC: Clinical Electrophysiology, 2022, 8, 426-436.	3.2	3
277	Clinical, electroanatomic and electrophysiologic characterization and outcomes of catheter ablation for ventricular tachycardia following valvular intervention. Journal of Cardiovascular Electrophysiology, 2022, 33, 589-604.	1.7	1
278	Cardiac radioablation for ventricular tachycardia: Which approach for incorporating cardiorespiratory motions into the planning target volume?. Physica Medica, 2022, 95, 16-24.	0.7	10
279	Management of ventricular arrhythmias in heart failure: Current perspectives. Heart Rhythm O2, 2021, 2, 796-806.	1.7	3

#	ARTICLE	IF	CITATIONS
280	Non-invasive Stereotactic Body Radiation Therapy for Refractory Ventricular Arrhythmias: Venturing into the Unknown. , 2022, 13, 4894-4899.		2
281	Feasibility of cardiac-synchronized quantitative T1 and T2 mapping on a hybrid 1.5 Tesla magnetic resonance imaging and linear accelerator system. Physics and Imaging in Radiation Oncology, 2022, 21, 153-159.	2.9	5
282	Solving Inverse Electrocardiographic Mapping Using Machine Learning and Deep Learning Frameworks. Sensors, 2022, 22, 2331.	3.8	5
283	First experimental exploration of real-time cardiorespiratory motion management for future stereotactic arrhythmia radioablation treatments on the MR-linac. Physics in Medicine and Biology, 2022, 67, 065003.	3.0	22
285	Case Report: Repeated Stereotactic Radiotherapy of Recurrent Ventricular Tachycardia: Reasons, Feasibility, and Safety. Frontiers in Cardiovascular Medicine, 2022, 9, 845382.	2.4	5
286	Newer Methods for Ventricular Tachycardia Ablation and When to Use Them. Canadian Journal of Cardiology, 2022, 38, 502-514.	1.7	9
287	Quantification of cardiac motion using in vivo fiducial markers for beam ablation of cardiac arrhythmias. , 2022, , .		1
288	A novel treatment for malignant spasticity: The therapeutic use of stereotactic radiosurgery (SRS). Radiotherapy and Oncology, 2022, 169, 86-89.	0.6	0
289	Impact of High-Dose Irradiation on Human iPSC-Derived Cardiomyocytes Using Multi-Electrode Arrays: Implications for the Antiarrhythmic Effects of Cardiac Radioablation. International Journal of Molecular Sciences, 2022, 23, 351.	4.1	14
290	Management of ventricular tachycardia in patients with ischaemic cardiomyopathy: contemporary armamentarium. Europace, 2022, 24, 538-551.	1.7	16
292	Radiosurgery in Treatment of Ventricular Tachycardia “ Initial Experience Within the Polish SMART-VT Trial. Frontiers in Cardiovascular Medicine, 2022, 9, 874661.	2.4	8
298	Mutual enhancing learning-based automatic segmentation of CT cardiac substructure. Physics in Medicine and Biology, 2022, 67, 105008.	3.0	9
299	Imaging Modality Selection in Cardiac Ablation. Journal of Innovations in Cardiac Rhythm Management, 2022, 13, 4968-4980.	0.5	0
300	The Use of Low-Dose Radiation Therapy in Osteoarthritis: A Review. International Journal of Radiation Oncology Biology Physics, 2022, 114, 203-220.	0.8	9
301	Long Term Follow-Up of Stereotactic Body Radiation Therapy for Refractory Ventricular Tachycardia in Advanced Heart Failure Patients. Frontiers in Cardiovascular Medicine, 2022, 9, 849113.	2.4	8
302	Intramural Needle Ablation for Refractory Premature Ventricular Contractions. Circulation: Arrhythmia and Electrophysiology, 2022, 15, 101161CIRCEP121010020.	4.8	8
303	Feasibility of an Automatic Ultrasonographic Image Acquisition System Associated With an Artificial Intelligence Algorithm for Real-Time Monitoring of Cardiac Motion During Cardiac Radio-Ablation. Frontiers in Cardiovascular Medicine, 2022, 9, 849234.	2.4	4
304	Stereotactic Radiotherapy Ablation and Atrial Fibrillation: Technical Issues and Clinical Expectations Derived From a Systematic Review. Frontiers in Cardiovascular Medicine, 2022, 9, 849201.	2.4	4

#	ARTICLE	IF	CITATIONS
305	Case Report: Treatment Planning Study to Demonstrate Feasibility of Transthoracic Ultrasound Guidance to Facilitate Ventricular Tachycardia Ablation With Protons. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	4
306	Contemporary Management of Complex Ventricular Arrhythmias. <i>Arrhythmia and Electrophysiology Review</i> , 0, 11, .	2.4	1
307	The Inverse Correlation Between the Duration of Lifetime Occupational Radiation Exposure and the Prevalence of Atrial Arrhythmia. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, .	2.4	1
308	Stereotactic ablative radiotherapy in patients with refractory ventricular tachyarrhythmia. <i>European Heart Journal Supplements</i> , 2022, 24, C248-C253.	0.1	7
309	Case Report: Treatment of Hypertrophic Cardiomyopathy With Stereotactic Body Radiotherapy. <i>Frontiers in Medicine</i> , 2022, 9, .	2.6	0
310	Stereotactic Radiotherapy: An Alternative Option for Refractory Ventricular Tachycardia to Drug and Ablation Therapy. <i>Journal of Clinical Medicine</i> , 2022, 11, 3549.	2.4	2
311	Electrical storm due to Epstein-Barr virus-induced lymphoma of a transplanted heart: a case report. <i>European Heart Journal - Case Reports</i> , 2022, 6, .	0.6	1
312	Treatment Planning for Cardiac Radioablation: Multicenter Multiplatform Benchmarking for the RADIOSURGERY for VENTRICULAR TACHYCARDIA (RAVENTA) Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 114, 360-372.	0.8	5
313	MUSIC: Cardiac Imaging, Modelling and Visualisation Software for Diagnosis and Therapy. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6145.	2.5	2
314	Atrial fibrillation cardiac radioablation target visibility on magnetic resonance imaging. <i>Physical and Engineering Sciences in Medicine</i> , 0, , .	2.4	0
315	Direct Clinical Effects of Cardiac Radioablation in the Treatment of a Patient With Therapy-Refractory Ventricular Tachycardia Storm. <i>Advances in Radiation Oncology</i> , 2022, 7, 100992.	1.2	5
316	One-Week Dynamic Changes in Cardiac Proteomes After Cardiac Radioablation in Experimental Rat Model. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	3
317	Successful ventricular tachycardia radioablation in a patient with previous chemical pleurodesis: A case report. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	0
318	Towards Accurate and Precise Image-Guided Radiotherapy: Clinical Applications of the MR-Linac. <i>Journal of Clinical Medicine</i> , 2022, 11, 4044.	2.4	8
319	From minimally to maximally invasive; VT ablation in the setting of mechanical aortic and mitral valves. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, 33, 2116-2120.	1.7	3
320	Ablation of Refractory Ventricular Tachycardia Using Intramyocardial Needle Delivered Heated Saline-Enhanced Radiofrequency Energy: A First-in-Man Feasibility Trial. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2022, 15, .	4.8	12
321	Innovations in ventricular tachycardia ablation. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2023, 66, 1499-1518.	1.3	3
322	From novel discovery tools and biomarkers to precision medicine—basic cardiovascular science highlights of 2021/22. <i>Cardiovascular Research</i> , 2022, 118, 2754-2767.	3.8	6

#	ARTICLE	IF	CITATIONS
323	Heel Spur and Radiotherapy: Case Report and Systematic Literature Review. Journal of the American Podiatric Medical Association, 2022, 112, .	0.3	0
324	Stereotactic arrhythmia radioablation: competitor or adjunct to catheter ablation?. European Heart Journal, 0, , .	2.2	2
325	Safety and Efficacy of Stereotactic Arrhythmia Radioablation for the Treatment of Ventricular Tachycardia: A Systematic Review. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	4
326	Correlation of MRI premature ventricular contraction activation pattern in bigeminy with electrophysiology study-confirmed site of origin. International Journal of Cardiovascular Imaging, 0, , .	0.6	0
327	2022 ESC Guidelines for the management of patients with ventricular arrhythmias and the prevention of sudden cardiac death. European Heart Journal, 2022, 43, 3997-4126.	2.2	733
328	A Force Awakens: Return of Needle Catheter Radiofrequency Ablation for Targeting Intramural Ventricular Arrhythmias. Circulation: Arrhythmia and Electrophysiology, 2022, 15, .	4.8	0
329	A case report of long-term successful stereotactic arrhythmia radioablation in a cardiac contractility modulation device carrier with giant left atrium, including a detailed dosimetric analysis. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	3
330	Refractory ventricular tachycardia treated by a second session of stereotactic arrhythmia radioablation. Clinical and Translational Radiation Oncology, 2022, 37, 89-93.	1.7	2
331	Combined ataxia telangiectasia mutated and DNA-dependent protein kinase inhibition radiosensitizes Madinâ€“Darby canine kidney cells. Journal of Veterinary Medical Science, 2022, , .	0.9	0
332	Stereotactic body radioablation therapy as an immediate and early term antiarrhythmic palliative therapeutic choice in patients with refractory ventricular tachycardia. Journal of Interventional Cardiac Electrophysiology, 2023, 66, 135-143.	1.3	10
333	Stereotactic Radioablation for Ventricular Tachycardia in the Setting of Electrical Storm. Circulation: Arrhythmia and Electrophysiology, 2022, 15, .	4.8	16
334	Noninvasive Stereotactic Radiation for Refractory Ventricular Tachycardia AfterÂFailure of Cardiac SympatheticÂDenervation. JACC: Case Reports, 2022, 4, 1189-1194.	0.6	1
335	Multimodality imaging fusion to guide stereotactic radioablation for refractory complex ventricular tachycardia. HeartRhythm Case Reports, 2022, 8, 836-839.	0.4	2
336	Successful Application of Stereotactic Body Radiation Therapy for Ventricular Tachycardia Substrate in a Patient With Nonischemic Cardiomyopathy. American Journal of Cardiology, 2022, 184, 149-153.	1.6	1
337	The effect of ionizing radiation through cardiac stereotactic body radiation therapy on myocardial tissue for refractory ventricular arrhythmias: A review. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	9
338	Catheter ablation of ventricular tachycardia associated with structural heart disease: Current status and perspectives. Journal of Cardiology, 2023, 81, 57-62.	1.9	1
339	Contemporary management of ventricular electrical storm in Europe: results of a European Heart Rhythm Association Survey. Europace, 2023, 25, 1277-1283.	1.7	8
340	Inflammation and fibrosis characterize different stages of myocardial remodeling in patients after stereotactic body radiotherapy of ventricular myocardium for recurrent ventricular tachycardia. Cardiovascular Pathology, 2023, 62, 107488.	1.6	4

#	ARTICLE	IF	CITATIONS
341	Evaluation of the feasibility of cardiac gating for SBRT of ventricular tachycardia based on real-time ECG signal acquisition. Journal of Applied Clinical Medical Physics, 2023, 24, .	1.9	5
342	Promising Therapies for Atrial Fibrillation and Ventricular Tachycardia. International Journal of Molecular Sciences, 2022, 23, 12612.	4.1	2
343	Ventricular Conduction Velocity Following Multimodal Ablation Including Stereotactic Body Radiation Therapy for Refractory Ventricular Tachycardia. JACC: Clinical Electrophysiology, 2023, 9, 119-121.	3.2	2
344	Preemptive Septal Radiofrequency Ablation to Prevent Left Ventricular Outflow Tract Obstruction With Transcatheter Mitral Valve Replacement: A Case Series. Circulation: Cardiovascular Interventions, 2022, 15, .	3.9	9
345	The Use of Cardiac Stereotactic Radiation Therapy (SBRT) to Manage Ventricular Tachycardia: A Case Report, Review of the Literature and Technical Notes. Journal of Personalized Medicine, 2022, 12, 1783.	2.5	2
346	First-in-human noninvasive left ventricular ultrasound pacing: A potential screening tool for cardiac resynchronization therapy. Heart Rhythm O2, 2023, 4, 79-87.	1.7	1
347	Non-Oncological Radiotherapy: A Review of Modern Approaches. Journal of Personalized Medicine, 2022, 12, 1677.	2.5	4
348	Case report: Stereotactic body radiation therapy with 12 Gy for silencing refractory ventricular tachycardia. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	1
349	Substrate Ablation by Multivein, Multiballoon Coronary Venous Ethanol for Refractory Ventricular Tachycardia in Structural Heart Disease. Circulation, 2022, 146, 1644-1656.	1.6	10
350	Contemporary updates on ventricular arrhythmias: From mechanisms to management. Internal Medicine Journal, 0, , .	0.8	0
351	Combined clustered scan-based metal artifact reduction algorithm (CCS-MAR) for ultrasound-guided cardiac radioablation. Physical and Engineering Sciences in Medicine, 2022, 45, 1273-1287.	2.4	2
352	What to do when everything failsâ€¦ Is alcohol the answer?. HeartRhythm Case Reports, 2022, , .	0.4	0
353	Stereotactic Radiotherapy in the Management of Ventricular Tachycardias. Cardiac Electrophysiology Clinics, 2022, 14, 779-792.	1.7	0
354	Stereotactic Radioablation for Treatment of Ventricular Tachycardia. Lecture Notes in Bioengineering, 2022, , 1-27.	0.4	0
355	Management of ventricular arrhythmias in heart failure: current perspectives. Intervencni A Akutni Kardiologie, 2022, 21, 139-149.	0.0	0
356	ICRU REPORT 97: MRI-Guided Radiation Therapy Using MRI-Linear Accelerators. Journal of the ICRU, 2022, 22, 1-100.	15.5	12
357	Ablation of Focal Intramural Outflow Tract Ventricular Arrhythmias. Cardiac Electrophysiology Clinics, 2022, , .	1.7	0
358	Short-term and long-term effects of noninvasive cardiac radioablation for ventricular tachycardia: A single-center case series. Heart Rhythm O2, 2023, 4, 119-126.	1.7	2

#	ARTICLE	IF	CITATIONS
359	Heavy Ion Irradiation Reduces Vulnerability to Atrial Tachyarrhythmias – Gap Junction and Sympathetic Neural Remodeling –. Circulation Journal, 2023, 87, 1016-1026.	1.6	4
360	Quality assurance process within the RADiosurgery for VENtricular TACHycardia (RAVENTA) trial for the fusion of electroanatomical mapping and radiotherapy planning imaging data in cardiac radioablation. Physics and Imaging in Radiation Oncology, 2023, 25, 100406.	2.9	5
361	Editorial: Modern treatment of ventricular arrhythmias. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	0
362	STereotactic Arrhythmia Radioablation: current status of the art. The old world and the new world connected. Journal of Radiotherapy in Practice, 2023, 22, .	0.5	0
363	Elimination of refractory ventricular tachycardia storm and fibrillation using stereotactic radiotherapy. Clinical Case Reports (discontinued), 2023, 11, .	0.5	0
364	Management of patients with electrical storm: an educational review. European Heart Journal: Acute Cardiovascular Care, 0, , .	1.0	1
365	Will Heavy Ion Irradiation, a New Tissue Modification Technology, Open New Horizons for Arrhythmia Therapy?. Circulation Journal, 2023, , .	1.6	0
366	Interim Report of a Japanese Phase II Trial for Cardiac Stereotactic Body Radiotherapy in Refractory Ventricular Tachycardia – Focus on Target Determination –. Circulation Reports, 2023, 5, 69-79.	1.0	1
367	Assessment of cardiac gating in external beam ablation therapy of ventricular tachycardia. , 2023, , .		0
368	STereotactic Arrhythmia Radioablation (STAR): the Standardized Treatment and Outcome Platform for Stereotactic Therapy Of Re-entrant tachycardia by a Multidisciplinary consortium (STOPSTORM.eu) and review of current patterns of STAR practice in Europe. Europace, 2023, 25, 1284-1295.	1.7	13
369	Cardiac radioablation of incessant ventricular tachycardia in patients with terminal heart failure under permanent left ventricular assist device therapy – description of two cases. Strahlentherapie Und Onkologie, 2023, 199, 511-519.	2.0	4
370	Non-invasive stereotactic arrhythmia radiotherapy for ventricular tachycardia: results of the prospective STARNL-1 trial. Europace, 2023, 25, 1015-1024.	1.7	12
371	Cardiac motion and its dosimetric impact during radioablation for refractory ventricular tachycardia. Journal of Applied Clinical Medical Physics, 0, , .	1.9	0
372	High-resolution structural-functional substrate-trigger characterization: Future roadmap for catheter ablation of ventricular tachycardia. Frontiers in Cardiovascular Medicine, 0, 10, .	2.4	2
373	Solving the Reach Problem: A Review of Present and Future Approaches for Addressing Ventricular Arrhythmias Arising from Deep Substrate. Arrhythmia and Electrophysiology Review, 0, 12, .	2.4	2
374	A Deep Learning Architecture Using 3D Vectorcardiogram to Detect R-Peaks in ECG with Enhanced Precision. Sensors, 2023, 23, 2288.	3.8	3
375	Ventricular tachycardia ablation through radiation therapy (VT-ART) consortium: Concept description of an observational multicentric trial via matched pair analysis. Frontiers in Cardiovascular Medicine, 0, 10, .	2.4	0
376	Radioterapia EstereotÁxica para Tratamento de Taquicardia Ventricular Recorrente na DoenÁça de Chagas: Relato do Primeiro Caso na AmÁrica Latina. Arquivos Brasileiros De Cardiologia, 2023, 120, .	0.8	1

#	ARTICLE	IF	CITATIONS
379	Validation of a Fully Automated Hybrid Deep Learning Cardiac Substructure Segmentation Tool for Contouring and Dose Evaluation in Lung Cancer Radiotherapy. <i>Clinical Oncology</i> , 2023, 35, 370-381.	1.4	4
380	Radioablação Cardíaca não Invasiva para Doença de Chagas. <i>Arquivos Brasileiros De Cardiologia</i> , 2023, 120, .	0.8	0
381	Utility of cardiac imaging in patients with ventricular tachycardia. <i>Indian Pacing and Electrophysiology Journal</i> , 2023, 23, 63-76.	0.6	1
382	Long-Term Results of the First Clinical Application of Stereotactic Radioablation Using a Linear Electron Accelerator for the Treatment of Ventricular Tachycardia. <i>Bulletin of Experimental Biology and Medicine</i> , 0, , .	0.8	1
383	Stereotactic Arrhythmia Radioablation Treatment of Ventricular Tachycardia: Current Technology and Evolving Indications. <i>Journal of Cardiovascular Development and Disease</i> , 2023, 10, 172.	1.6	1
384	Successful Noninvasive 12-Lead ECG Mapping-Guided Radiotherapy of Inaccessible Ventricular Tachycardia Substrate Due to Mechanical Valves. <i>JACC: Case Reports</i> , 2023, 15, 101870.	0.6	0
385	Stereotactic arrhythmia radioablation: A novel therapy for cardiac arrhythmia. <i>Heart Rhythm</i> , 2023, 20, 1327-1336.	0.7	4
386	High Density Body Surface Potential Mapping with Conducting Polymer-Eutectogel Electrode Arrays for ECG imaging. <i>Advanced Science</i> , 0, , .	11.2	2
387	A Meta-analysis of the Efficacy and Safety of Stereotactic Arrhythmia Radioablation (STAR) in Patients with Refractory Ventricular Tachycardia. <i>Clinical Oncology</i> , 2023, 35, 611-620.	1.4	4
388	Advances in symptomatic therapy for left ventricular non-compaction in children. <i>Frontiers in Pediatrics</i> , 0, 11, .	1.9	0
389	A Tool to Integrate Electrophysiological Mapping for Cardiac Radioablation of Ventricular Tachycardia. <i>Advances in Radiation Oncology</i> , 2023, 8, 101272.	1.2	2
390	Stereotactic Arrhythmia Radioablation (STAR). , 2022, 2, 6.		0
391	Septal radioablation therapy for patients with hypertrophic obstructive cardiomyopathy: first-in-human study. <i>European Heart Journal Open</i> , 2023, 3, .	2.3	0
392	Management of Ventricular Arrhythmias in Heart Failure. <i>Current Heart Failure Reports</i> , 0, , .	3.3	0
393	Management for atrial arrhythmias in adults with complex congenital heart disease. <i>Expert Review of Cardiovascular Therapy</i> , 2023, 21, 507-517.	1.5	0
395	Radiosurgery for ventricular tachycardia (RAVENTA): interim analysis of a multicenter multiplatform feasibility trial. <i>Strahlentherapie Und Onkologie</i> , 2023, 199, 621-630.	2.0	2
396	Healing Hearts: Evolution and Growth in Cardiac Radioablation. <i>Applied Radiation Oncology</i> , 0, , 36-39.	0.5	0
397	Editorial: Stereotactic radioablation of cardiac arrhythmias: pros and cons. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	2.4	0

#	ARTICLE	IF	CITATIONS
398	Real-time myocardial landmark tracking for MRI-guided cardiac radio-ablation using Gaussian Processes. <i>Physics in Medicine and Biology</i> , 2023, 68, 145001.	3.0	4
399	Advanced Imaging Integration for Catheter Ablation of Ventricular Tachycardia. <i>Current Cardiology Reports</i> , 2023, 25, 535-542.	2.9	2
400	Cardiac Stereotactic Ablative Radiotherapy – a Multidisciplinary Approach. <i>Clinical Oncology</i> , 2023, 35, 421-425.	1.4	0
401	Early Impact of Proton Beam Therapy on Electrophysiological Characteristics in a Porcine Model. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2023, 16, .	4.8	1
402	Gaussian Processes for real-time 3D motion and uncertainty estimation during MR-guided radiotherapy. <i>Medical Image Analysis</i> , 2023, 88, 102843.	11.6	7
403	Clinical Applications of Magnetic Resonance-Guided Radiotherapy: A Narrative Review. <i>Cancers</i> , 2023, 15, 2916.	3.7	2
404	Biological Modification of Arrhythmogenic Substrates by Cell-Free Therapeutics. <i>Heart Lung and Circulation</i> , 2023, , .	0.4	1
405	Improving localization accuracy for non-invasive automated early left ventricular origin localization approach. <i>Frontiers in Physiology</i> , 0, 14, .	2.8	0
406	Stereotactic radiotherapy for ventricular tachycardia: A study protocol. <i>F1000Research</i> , 0, 12, 798.	1.6	0
407	Management of arrhythmogenic right ventricular cardiomyopathy. <i>Heart</i> , 2024, 110, 156-162.	2.9	2
408	Multimodal fusion workflow for target delineation in cardiac radioablation of ventricular tachycardia. <i>Medical Physics</i> , 0, , .	3.0	1
409	Case report: First-in-human combined low-dose whole-heart irradiation and high-dose stereotactic arrhythmia radioablation for immunosuppressive refractory cardiac sarcoidosis and ventricular tachycardia. <i>Frontiers in Cardiovascular Medicine</i> , 0, 10, .	2.4	1
410	Stereotactic Arrhythmia Radioablation (STAR): Assessment of cardiac and respiratory heart motion in ventricular tachycardia patients - A STOPSTORM.eu consortium review. <i>Radiotherapy and Oncology</i> , 2023, 188, 109844.	0.6	5
411	Stereotactic management of arrhythmia - radiosurgery in treatment of ventricular tachycardia (SMART-VT). Results of a prospective safety trial. <i>Radiotherapy and Oncology</i> , 2023, 188, 109857.	0.6	3
412	A Framework for Assessing the Effect of Cardiac and Respiratory Motion for Stereotactic Arrhythmia Radioablation Using a Digital Phantom With a 17-Segment Model: A STOPSTORM.eu Consortium Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2024, 118, 533-542.	0.8	1
413	Cardiac stereotactic radiotherapy for refractory ventricular tachycardia in a patient with wireless left ventricular endocardial stimulation system. <i>HeartRhythm Case Reports</i> , 2023, 9, 818-822.	0.4	1
414	Patient-Specific Dynamic Model for Optimization of Cardiac Radioablation. , 2023, , .		0
415	ASSET: Auto-Segmentation of the Seventeen SEgments for Ventricular Tachycardia Ablation in Radiation Therapy. <i>Cancers</i> , 2023, 15, 4062.	3.7	0

#	ARTICLE	IF	CITATIONS
416	Etiologies, Mechanisms, Management, and Outcomes of Electrical Storm. Journal of Intensive Care Medicine, 0, , .	2.8	0
417	Electroanatomical mapping after cardiac radioablation for treatment of incessant electrical storm: a case report from the RAVENTA trial. Strahlentherapie Und Onkologie, 2023, 199, 1018-1024.	2.0	0
418	Interobserver variability in target definition for stereotactic arrhythmia radioablation. Frontiers in Cardiovascular Medicine, 0, 10, .	2.4	2
419	Recurrent ventricular tachycardia originating from the “left ventricular summit” effectively eliminated by stereotactic irradiation “ A case report. HeartRhythm Case Reports, 2023, , .	0.4	0
420	From organ at risk to target organ: Dosimetric comparison of myocardial stereotactic ablative body radiotherapy between helical tomotherapy and volumetric arc therapy for refractory ventricular tachycardia. Medical Dosimetry, 2023, , .	0.9	0
421	Recurrences of ventricular tachycardia after stereotactic arrhythmia radioablation arise outside the treated volume: analysis of the Swiss cohort. Europace, 2023, 25, .	1.7	2
422	Stereotactic arrhythmia radioablation: A multicenter pre-post intervention safety evaluation of the implantable cardioverter-defibrillator function. Radiotherapy and Oncology, 2023, 189, 109910.	0.6	1
423	Stereotactic ablative radiotherapy in ventricular fibrillation with left ventricular thrombus. HeartRhythm Case Reports, 2023, 9, 902-905.	0.4	0
424	Abdominal compression as motion management for stereotactic radiotherapy of ventricular tachycardia. Physics and Imaging in Radiation Oncology, 2023, 28, 100499.	2.9	0
425	Future of SBRT with Photon and Charged Particles. , 2023, , 311-322.		0
426	A target definition based on electroanatomic maps for stereotactic arrhythmia radioablation. Physica Medica, 2023, 115, 103160.	0.7	0
427	Stereotactic body radiotherapy for refractory ventricular tachycardia: Still paving the road to randomized trials. Heart Rhythm, 2024, 21, 25-26.	0.7	0
428	Institutional experience report on the target contouring workflow in the radiotherapy department for stereotactic arrhythmia radioablation delivered on conventional linear accelerators. Strahlentherapie Und Onkologie, 0, , .	2.0	0
429	Linear accelerator-based stereotactic arrhythmia radioablation for paroxysmal atrial fibrillation in elderly: a prospective phase II trial. Europace, 2023, 25, .	1.7	0
430	Development of a comprehensive cardiac atlas on a 1.5 Tesla Magnetic Resonance Linear Accelerator. Physics and Imaging in Radiation Oncology, 2023, 28, 100504.	2.9	0
431	Dose escalation for stereotactic arrhythmia radioablation of recurrent ventricular tachyarrhythmia - a phase II clinical trial. Radiation Oncology, 2023, 18, .	2.7	0
432	Cardiac radiation improves ventricular function in mice and humans with cardiomyopathy. Med, 2023, 4, 928-943.e5.	4.4	1
433	Cardiac stereotactic radiation therapy for refractory ventricular arrhythmias in patients with left ventricular assist devices. Journal of Cardiovascular Electrophysiology, 0, , .	1.7	1

#	ARTICLE	IF	CITATIONS
434	Noninvasive Stereotactic Radiotherapy for PADN in an Acute Canine Model of Pulmonary Arterial Hypertension. JACC Basic To Translational Science, 2024, 9, 244-256.	4.1	0
435	Cardiac Arrhythmias in Patients Treated for Lung Cancer: A Review. Cancers, 2023, 15, 5723.	3.7	0
436	The state-of-the-art technic of stereotactic radioablation for the treatment of cardiac arrhythmias: An overview. Health Science Reports, 2023, 6, .	1.5	1
437	Stereotactic radiotherapy for ventricular tachycardia: A study protocol. F1000Research, 0, 12, 798.	1.6	0
438	MELODI [®] 1/4 th generation of stereotactic radiotherapy for the treatment of cardiac arrhythmias: A Japanese Journal of		
439	Characterizing cardiac contractile motion for noninvasive radioablation of ventricular tachycardia. Heart Rhythm O2, 2024, 5, 131-136.	1.7	0
440	Radiotherapy for non-cancer diseases: benefits and long-term risks. International Journal of Radiation Biology, 2024, 100, 505-526.	1.8	0
441	A Review of Novel and Emerging Non-Radiofrequency Ablation Modalities for Ventricular Arrhythmias: Towards an Individualized Substrate-guided Choice of Ablation Technology. European Journal of Arrhythmia & Electrophysiology, 2023, 9, 3.	0.2	0
442	One-Year Mortality and Causes of Death after Stereotactic Radiation Therapy for Refractory Ventricular Arrhythmias: A Systematic Review and Pooled Analysis. Trends in Cardiovascular Medicine, 2024, , .	4.9	1
443	MR-LINAC, a New Partner in Radiation Oncology: Current Landscape. Cancers, 2024, 16, 270.	3.7	0
444	Ventricular Tachycardia Catheter Ablation: Retrospective Analysis and Prospective Outlooks—A Comprehensive Review. Biomedicines, 2024, 12, 266.	3.2	0
445	Stereotactic magnetic resonance imaging-guided radiotherapy for intracardiac metastases: A case report. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2024, 28, 202-205.	1.4	0
446	Left ventricle segment-specific motion assessment for cardiac-gated radiosurgery. Biomedical Physics and Engineering Express, 2024, 10, 025040.	1.2	0
447	Management of ventricular tachycardias: insights on centre settings, procedural workflow, endpoints, and implementation of guidelines—results from an EHRA survey. Europace, 2024, 26, .	1.7	0
448	Technical note: Minimizing CIED artifacts on a 0.35 T MRI-Linac using deep learning. Journal of Applied Clinical Medical Physics, 2024, 25, .	1.9	0
449	Ventricular arrhythmia inducibility in porcine infarct model after stereotactic body radiation therapy. Heart Rhythm, 2024, , .	0.7	0
450	Efficacy and Safety of Stereotactic Radiotherapy in Patients With Recurrent Ventricular Tachycardias. JACC: Clinical Electrophysiology, 2024, 10, 654-666.	3.2	0
451	Radiation to Illuminate the Path of Neuromodulation for Pulmonary Hypertension. JACC Basic To Translational Science, 2024, 9, 257-259.	4.1	0

#	ARTICLE	IF	CITATIONS
452	Advanced Electroanatomic Mapping: Current and Emerging Approaches. Current Treatment Options in Cardiovascular Medicine, 2024, 26, 69-91.	0.9	0
454	Ventricular septal defect as a complication of bipolar radiofrequency ablation for ventricular tachycardia. Heart Rhythm, 2024, , .	0.7	0
456	Stereotactic Radiotherapy in Refractory V Ventricular Tachycardia. JACC: Clinical Electrophysiology, 2024, 10, 667-669.	3.2	0
457	Experimental demonstration of real-time cardiac physiology-based radiotherapy gating for improved cardiac radioablation on an MR-linac. Medical Physics, 2024, 51, 2354-2366.	3.0	0
458	Fusion Imaging of Non-Invasive and Invasive Cardiac Electroanatomic Mapping in Patients with Ventricular Ectopic Beats: A Feasibility Analysis in a Case Series. Diagnostics, 2024, 14, 622.	2.6	0
459	Prognostic value of noninvasive programmed stimulation in primary prevention implantable cardioverter-defibrillator recipients. Journal of Arrhythmia, 0, , .	1.2	0
461	Analysis of left ventricle regional myocardial motion for cardiac radioablation. Journal of Applied Clinical Medical Physics, 0, , .	1.9	0
462	Patient-specific quantification of cardiorespiratory motion for cardiac stereotactic radioablation treatment planning. Heart Rhythm O2, 2024, 5, 234-242.	1.7	0