

Valentina D A Corino

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

891
citations

516710

16
h-index

526287

27
g-index

70
all docs

70
docs citations

70
times ranked

1178
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiomic analysis of soft tissues sarcomas can distinguish intermediate from high-grade lesions. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 829-840.	3.4	100
2	Detection of atrial fibrillation episodes using a wristband device. <i>Physiological Measurement</i> , 2017, 38, 787-799.	2.1	81
3	Technical Note: Virtual phantom analyses for preprocessing evaluation and detection of a robust feature set for MRI-radiomics of the brain. <i>Medical Physics</i> , 2019, 46, 5116-5123.	3.0	51
4	Assessment of Stability and Discrimination Capacity of Radiomic Features on Apparent Diffusion Coefficient Images. <i>Journal of Digital Imaging</i> , 2018, 31, 879-894.	2.9	45
5	An Atrioventricular Node Model for Analysis of the Ventricular Response During Atrial Fibrillation. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 3386-3395.	4.2	44
6	Remote health diagnosis and monitoring in the time of COVID-19. <i>Physiological Measurement</i> , 2020, 41, 10TR01.	2.1	44
7	Heart Rate Variability Triangular Index as a Predictor of Cardiovascular Mortality in Patients With Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2020, 9, e016075.	3.7	38
8	Atrial fibrillatory rate in the clinical context: natural course and prediction of intervention outcome. <i>Europace</i> , 2014, 16, iv110-iv119.	1.7	33
9	Baseline MRI-Radiomics Can Predict Overall Survival in Non-Endemic EBV-Related Nasopharyngeal Carcinoma Patients. <i>Cancers</i> , 2020, 12, 2958.	3.7	29
10	Reduced Irregularity of Ventricular Response During Atrial Fibrillation and Long-term Outcome in Patients With Heart Failure. <i>American Journal of Cardiology</i> , 2015, 116, 1071-1075.	1.6	28
11	Diffusion-weighted MRI radiomics of spine bone tumors: feature stability and machine learning-based classification performance. <i>Radiologia Medica</i> , 2022, 127, 518-525.	7.7	27
12	ECG-Derived Respiratory Rate in Atrial Fibrillation. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 905-914.	4.2	26
13	Analysis of Surface Atrial Signals: Time Series with Missing Data?. <i>Annals of Biomedical Engineering</i> , 2009, 37, 2082-2092.	2.5	22
14	Beta-blockade and A1-adenosine receptor agonist effects on atrial fibrillatory rate and atrioventricular conduction in patients with atrial fibrillation. <i>Europace</i> , 2014, 16, 587-594.	1.7	20
15	Improved Time-Frequency Analysis of Atrial Fibrillation Signals Using Spectral Modeling. <i>IEEE Transactions on Biomedical Engineering</i> , 2008, 55, 2723-2730.	4.2	18
16	Linear and nonlinear coupling between atrial signals. <i>IEEE Engineering in Medicine and Biology Magazine</i> , 2006, 25, 63-70.	0.8	16
17	Association between Atrial Fibrillatory Rate and Heart Rate Variability in Patients with Atrial Fibrillation and Congestive Heart Failure. <i>Annals of Noninvasive Electrocardiology</i> , 2013, 18, 41-50.	1.1	16
18	Low frequency component in systolic arterial pressure variability in patients with persistent atrial fibrillation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2009, 151, 147-153.	2.8	15

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19	Ventricular activity cancellation in electrograms during atrial fibrillation with constraints on residualsâ€™ power. <i>Medical Engineering and Physics</i> , 2013, 35, 1770-1777.	1.7	15
20	Relevance of apparent diffusion coefficient features for a radiomicsâ€based prediction of response to induction chemotherapy in sinonasal cancer. <i>NMR in Biomedicine</i> , 2020, , e4265.	2.8	15
21	Rateâ€Control Drugs Affect Variability and Irregularity Measures of RR Intervals in Patients with Permanent Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 137-141.	1.7	13
22	A Statistical Atrioventricular Node Model Accounting for Pathway Switching During Atrial Fibrillation. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 1842-1849.	4.2	13
23	Prognostic role of pre-treatment magnetic resonance imaging (MRI)-based radiomic analysis in effectively cured head and neck squamous cell carcinoma (HNSCC) patients. <i>Acta OncolÃ³gica</i> , 2021, 60, 1192-1200.	1.8	13
24	Non-invasive assessment of the effect of beta blockers and calcium channel blockers on the AV node during permanent atrial fibrillation. <i>Journal of Electrocardiology</i> , 2015, 48, 861-866.	0.9	12
25	Sex-related electrocardiographic differences in patients with different types of atrial fibrillation: Results from the SWISS-AF study. <i>International Journal of Cardiology</i> , 2020, 307, 63-70.	1.7	12
26	Stability assessment of first order statistics features computed on ADC maps in soft-tissue sarcoma. , 2017, 2017, 612-615.		11
27	PoincarÃ© Plot Image and Rhythm-Specific Atlas for Atrial Bigeminy and Atrial Fibrillation Detection. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 1093-1100.	6.3	11
28	Concealed abnormal atrial phenotype in patients with Brugada syndrome and no history of atrial fibrillation. <i>International Journal of Cardiology</i> , 2018, 253, 66-70.	1.7	10
29	Automatic Identification of Failure in Hip Replacement: An Artificial Intelligence Approach. <i>Bioengineering</i> , 2022, 9, 288.	3.5	10
30	Autonomic influence on atrial fibrillatory process: head-up and head-down tilting. , 2017, 22, e12405.		9
31	Exercise testing for non-invasive assessment of atrial electrophysiological properties in patients with persistent atrial fibrillation. <i>Europace</i> , 2007, 9, 627-632.	1.7	7
32	Non-linear regularity of arterial blood pressure variability in patient with atrial fibrillation in tilt-test procedure. <i>Europace</i> , 2014, 16, iv141-iv147.	1.7	7
33	Non-invasive evaluation of the effect of metoprolol on the atrioventricular node during permanent atrial fibrillation. <i>Europace</i> , 2014, 16, iv129-iv134.	1.7	7
34	Blood pressure variability in patients with atrial fibrillation. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014, 185, 129-133.	2.8	7
35	Noninvasive Assessment of Atrioventricular Nodal Function: Effect of Rate-Control Drugs during Atrial Fibrillation. , 2015, 20, 534-541.		6
36	Heart Rate Variability and Clinical Features as Predictors of Atrial Fibrillation Recurrence After Catheter Ablation: A Pilot Study. <i>Frontiers in Physiology</i> , 2021, 12, 672896.	2.8	6

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37	Refining Tumor Treatment in Sinonasal Cancer Using Delta Radiomics of Multi-Parametric MRI after the First Cycle of Induction Chemotherapy. <i>Journal of Imaging</i> , 2022, 8, 46.	3.0	6
38	Circadian variation of variability and irregularity of heart rate in patients with permanent atrial fibrillation: relation to symptoms and rate control drugs. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H2152-H2157.	3.2	5
39	Noninvasive characterization of atrioventricular conduction in patients with atrial fibrillation. <i>Journal of Electrocardiology</i> , 2015, 48, 938-942.	0.9	5
40	A Clinical Perspective on Atrial Fibrillation. <i>Series in Bioengineering</i> , 2018, , 1-24.	0.6	5
41	A CT-Based Radiomic Signature Can Be Prognostic for 10-Months Overall Survival in Metastatic Tumors Treated with Nivolumab: An Exploratory Study. <i>Diagnostics</i> , 2021, 11, 979.	2.6	5
42	Assessment of spatial organization in the atria during paroxysmal atrial fibrillation and adrenergic stimulation. <i>Biomedizinische Technik</i> , 2006, 51, 260-263.	0.8	3
43	A Gaussian Mixture Model for Time-Frequency Analysis of Atrial Fibrillation Electrocardiograms. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 271-4.	0.5	3
44	Methodology and technology for the development of a prognostic MRI-based radiomic model for the outcome of head and neck cancer patients. , 2020, 2020, 1152-1155.		3
45	A simple model to detect atrial fibrillation via visual imaging. <i>Biomedizinische Technik</i> , 2020, 65, 721-728.	0.8	3
46	Assessment of the effect of intensity standardization on the reliability of T1-weighted MRI radiomic features: experiment on a virtual phantom. , 2019, 2019, 413-416.		2
47	Assessment of spatial heterogeneity of ventricular repolarization after multi-channel blocker drugs in healthy subjects. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 189, 105291.	4.7	2
48	A Detector for Premature Atrial and Ventricular Complexes. <i>Frontiers in Physiology</i> , 2021, 12, 678558.	2.8	2
49	Identification of Atrial Fibrillation Episodes Using a Camera as Contactless Sensor. , 0, , .		2
50	On the reliability of frequency components in systolic arterial pressure in patients with atrial fibrillation. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 381-387.	2.8	1
51	Statistical modeling of the atrioventricular node during atrial fibrillation: Data length and estimator performance. , 2013, 2013, 2567-70.		1
52	Use of apparent diffusion coefficient images to predict response to induction chemotherapy in sinonasal cancer. , 2018, 2018, 782-785.		1
53	Response to "Electrocardiographic sexual differences in patients with atrial fibrillation" <i>International Journal of Cardiology</i> , 2020, 308, 50-51.	1.7	1
54	Statistical Modeling of Atrioventricular Nodal Function During Atrial Fibrillation Focusing on the Refractory Period Estimation. <i>Communications in Computer and Information Science</i> , 2014, , 258-268.	0.5	1

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55	Beat-to-beat Analysis of P-Waves in Patient with Atrial Fibrillation History. , 0, , .		1
56	Assessment of Spatial Heterogeneity of Ventricular Repolarization after Quinidine in Healthy Subjects. , 0, , .		1
57	Editorial: Atrial Fibrillation: Technology for Diagnosis, Monitoring, and Treatment. <i>Frontiers in Physiology</i> , 2022, 13, 848096.	2.8	1
58	Spectral validation improves frequency tracking obtained by time-frequency analysis during atrial fibrillation. , 2008, 2008, 5733-6.		0
59	HRV regularity during persistent atrial fibrillation: A parametric assessment using sample entropy. , 2014, , .		0
60	A novel statistical model of the dual pathway atrioventricular node during atrial fibrillation. , 2015, , .		0
61	Analysis of T-wave Alternans in ambulatory recordings using the ADTWA index. , 2015, 2015, 402-5.		0
62	Preliminary Results from Clinical Validation Study of a Method for Non-Invasive Assessment of Atrioventricular Node Refractoriness During Atrial Fibrillation. , 2017, , .		0
63	Modeling and Analysis of Ventricular Response in Atrial Fibrillation. <i>Series in Bioengineering</i> , 2018, , 281-311.	0.6	0
64	Atrial fibrillation detection using photoplethysmographic signal: the effect of the observation window. , 2020, 2020, 906-909.		0
65	Radiomics-based prediction of response to multikinase inhibitors in radioiodine-refractory differentiated thyroid cancer patients.. <i>Journal of Clinical Oncology</i> , 2021, 39, 6077-6077.	1.6	0
66	Radiomic features for patients with primary soft tissue sarcomas: A prognostic study.. <i>Journal of Clinical Oncology</i> , 2020, 38, e23532-e23532.	1.6	0
67	Beat-to-beat P-wave Variability Increases from Paroxysmal to Persistent Atrial Fibrillation. , 0, , .		0
68	ECG Morphological Decomposition for Automatic Rhythm Identification. , 0, , .		0
69	Association between ventricular repolarization parameters and cardiovascular death in patients of the SWISS-AF cohort. <i>International Journal of Cardiology</i> , 2022, , .	1.7	0