JosÃ© Raniery Ferreira Junior

List of Publications by Year
in descending order

33 papers	505 citations	840119 11 h-index	752256 20 g-index
35 all docs	35 docs citations	35 times ranked	651 citing authors

#	Article	IF	Citations
1	Radiomics-based features for pattern recognition of lung cancer histopathology and metastases. Computer Methods and Programs in Biomedicine, 2018, 159, 23-30.	2.6	114
2	Artificial intelligence, machine learning, computer-aided diagnosis, and radiomics: advances in imaging towards to precision medicine. Radiologia Brasileira, 2019, 52, 387-396.	0.3	87
3	CT-based radiomics for prediction of histologic subtype and metastatic disease in primary malignant lung neoplasms. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 163-172.	1.7	40
4	Characterization of Pulmonary Nodules Based on Features of Margin Sharpness and Texture. Journal of Digital Imaging, 2018, 31, 451-463.	1.6	32
5	Machine learning techniques for computer-aided classification of active inflammatory sacroiliitis in magnetic resonance imaging. Advances in Rheumatology, 2020, 60, 25.	0.8	29
6	Multi-View Ensemble Convolutional Neural Network to Improve Classification of Pneumonia in Low Contrast Chest X-Ray Images. , 2020, 2020, 1238-1241.		26
7	The Effects of Perinodular Features on Solid Lung Nodule Classification. Journal of Digital Imaging, 2021, 34, 798-810.	1.6	18
8	Cloud-Based NoSQL Open Database of Pulmonary Nodules for Computer-Aided Lung Cancer Diagnosis and Reproducible Research. Journal of Digital Imaging, 2016, 29, 716-729.	1.6	17
9	Novel Chest Radiographic Biomarkers for COVID-19 Using Radiomic Features Associated with Diagnostics and Outcomes. Journal of Digital Imaging, 2021, 34, 297-307.	1.6	17
10	A study of MRI-based radiomics biomarkers for sacroiliitis and spondyloarthritis. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1737-1748.	1.7	14
11	Selecting relevant 3D image features of margin sharpness and texture for lung nodule retrieval. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 509-517.	1.7	13
12	Toward classifying small lung nodules with hyperparameter optimization of convolutional neural networks. Computational Intelligence, 2021, 37, 1599-1618.	2.1	13
13	Using 3D Texture and Margin Sharpness Features on Classification of Small Pulmonary Nodules. , 2016, , .		12
14	A Bag-of-Tasks approach to speed up the lung nodules retrieval in the BigData age. , 2013, , .		9
15	Radiomic analysis of lung cancer for the assessment of patient prognosis and intratumor heterogeneity. Radiologia Brasileira, 2021, 54, 87-93.	0.3	8
16	Effective Parameters for Gait Analysis in Experimental Models for Evaluating Peripheral Nerve Injuries in Rats. Neurospine, 2019, 16, 305-316.	1.1	8
17	Radiomic Quantification for MRI Assessment of Sacroiliac Joints of Patients with Spondyloarthritis. Journal of Digital Imaging, 2022, 35, 29-38.	1.6	8
18	Integrating 3D image descriptors of margin sharpness and texture on a GPU-optimized similar pulmonary nodule retrieval engine. Journal of Supercomputing, 2017, 73, 3451-3467.	2.4	7

#	Article	IF	Citations
19	Performance Evaluation of Medical Image Similarity Analysis in a Heterogeneous Architecture. , 2014, , .		5
20	Efficient Hyperparameter Optimization of Convolutional Neural Networks on Classification of Early Pulmonary Nodules. , 2019, , .		5
21	A general fully automated deep-learning method to detect cardiomegaly in chest x-rays. , 2021, , .		5
22	Pattern Recognition of Inflammatory Sacroiliitis in Magnetic Resonance Imaging. Lecture Notes in Computational Vision and Biomechanics, 2018, , 639-644.	0.5	4
23	Evaluating Margin Sharpness Analysis on Similar Pulmonary Nodule Retrieval. , 2015, , .		3
24	Quantifying intratumor heterogeneity of lung neoplasms with radiomics. Clinical Imaging, 2021, 74, 27-30.	0.8	3
25	Computer-Aided Diagnosis of Lung Cancer in Magnetic Resonance Imaging Exams. IFMBE Proceedings, 2019, , 121-127.	0.2	2
26	The Potential Role of Radiogenomics in Precision Medicine for COVID-19. Journal of Thoracic Imaging, 2021, 36, W34-W34.	0.8	2
27	Medical Image Analyst: A Radiology Career Focused on Comprehensive Quantitative Imaging Analytics to Improve Healthcare. Academic Radiology, 2022, 29, 170.	1.3	2
28	Urban Traffic Management System by Videomonitoring. Advances in Intelligent Systems and Computing, 2013, , 1-9.	0.5	1
29	Automatic weighing attribute to retrieve similar lung cancer nodules. BMC Medical Informatics and Decision Making, 2016, 16, 79.	1.5	1
30	Radiomics-Based Recognition of Metastatic and Histopathological Patterns of Lung Cancer. Lecture Notes in Computational Vision and Biomechanics, 2018, , 613-623.	0.5	0
31	Automated radiographic bone suppression with deep convolutional neural networks. , 2021, , .		0
32	Time-to-event assessment for the discovery of the proper prognostic value of clinical biomarkers optimized for COVID-19. Clinics, 2022, 77, 100009.	0.6	0
33	Design of a Graph-Based System for Similar Case Retrieval of Pulmonary Nodules. Studies in Health Technology and Informatics, 2015, 216, 1079.	0.2	0