

Parnian Afshar

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,202
citations

840119

11
h-index

1199166

12
g-index

19
all docs

19
docs citations

19
times ranked

1291
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-CAPS: A capsule network-based framework for identification of COVID-19 cases from X-ray images. Pattern Recognition Letters, 2020, 138, 638-643.	2.6	460
2	From Handcrafted to Deep-Learning-Based Cancer Radiomics: Challenges and Opportunities. IEEE Signal Processing Magazine, 2019, 36, 132-160.	4.6	185
3	Capsule Networks for Brain Tumor Classification Based on MRI Images and Coarse Tumor Boundaries. , 2019, , .		172
4	COVID-CT-MD, COVID-19 computed tomography scan dataset applicable in machine learning and deep learning. Scientific Data, 2021, 8, 121.	2.4	108
5	COVID-FACT: A Fully-Automated Capsule Network-Based Framework for Identification of COVID-19 Cases from Chest CT Scans. Frontiers in Artificial Intelligence, 2021, 4, 598932.	2.0	75
6	BayesCap: A Bayesian Approach to Brain Tumor Classification Using Capsule Networks. IEEE Signal Processing Letters, 2020, 27, 2024-2028.	2.1	46
7	MIXCAPS: A capsule network-based mixture of experts for lung nodule malignancy prediction. Pattern Recognition, 2021, 116, 107942.	5.1	28
8	\$\$ext {DRTOP}\$\$: deep learning-based radiomics for the time-to-event outcome prediction in lung cancer. Scientific Reports, 2020, 10, 12366.	1.6	27
9	Intelligent breast cancer recognition using particle swarm optimization and support vector machines. Journal of Experimental and Theoretical Artificial Intelligence, 2016, 28, 1021-1034.	1.8	21
10	COVID-rate: an automated framework for segmentation of COVID-19 lesions from chest CT images. Scientific Reports, 2022, 12, 3212.	1.6	16
11	Ct-Caps: Feature Extraction-Based Automated Framework for Covid-19 Disease Identification From Chest Ct Scans Using Capsule Networks. , 2021, , .		15
12	Diagnosis/Prognosis of COVID-19 Chest Images via Machine Learning and Hypersignal Processing: Challenges, opportunities, and applications. IEEE Signal Processing Magazine, 2021, 38, 37-66.	4.6	15
13	Human-level COVID-19 diagnosis from low-dose CT scans using a two-stage time-distributed capsule network. Scientific Reports, 2022, 12, 4827.	1.6	12
14	Hybrid Deep Learning Model For Diagnosis Of Covid-19 Using Ct Scans And Clinical/Demographic Data. , 2021, , .		6
15	CARISI: Convolutional Autoencoder-Based Inter-Slice Interpolation of Brain Tumor Volumetric Images. , 2018, , .		5
16	An Ensemble Learning Framework For Multi-Class Covid-19 Lesion Segmentation From Chest Ct Images. , 2021, , .		5
17	A hierarchical stochastic modelling approach for reconstructing lung tumour geometry from 2D CT images. Journal of Experimental and Theoretical Artificial Intelligence, 2018, 30, 973-992.	1.8	4
18	MDR-SURV: A Multi-Scale Deep Learning-Based Radiomics for Survival Prediction in Pulmonary Malignancies. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	Wso-Caps: Diagnosis Of Lung Infection From Low And Ultra-Lowdose CT Scans Using Capsule Networks And Windowsetting Optimization. , 2021, , .		1