

Barath Narayanan Narayanan

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

500
citations

1163117

8
h-index

1588992

8
g-index

26
all docs

26
docs citations

26
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning Algorithm for Atomization Characterization using Shadowgraph Images. , 2022, , .		0
2	IMNets: Deep Learning Using an Incremental Modular Network Synthesis Approach for Medical Imaging Applications. Applied Sciences (Switzerland), 2022, 12, 5500.	2.5	35
3	Ensemble Method of Lung Segmentation in Chest Radiographs. , 2021, , .		2
4	Transfer-to-Transfer Learning Approach for Computer Aided Detection of COVID-19 in Chest Radiographs. AI, 2020, 1, 539-557.	3.8	23
5	Ensemble Malware Classification System Using Deep Neural Networks. Electronics (Switzerland), 2020, 9, 721.	3.1	30
6	Reviewâ€™Deep Learning Methods for Sensor Based Predictive Maintenance and Future Perspectives for Electrochemical Sensors. Journal of the Electrochemical Society, 2020, 167, 037552.	2.9	82
7	Hybrid machine learning architecture for automated detection and grading of retinal images for diabetic retinopathy. Journal of Medical Imaging, 2020, 7, 1.	1.5	15
8	Video captioning using weakly supervised convolutional neural networks. , 2020, , .		1
9	Material identification and segmentation using deep learning for laser powder bed fusion. , 2020, , .		2
10	Two-stage deep learning architecture for pneumonia detection and its diagnosis in chest radiographs. , 2020, , .		9
11	Convolutional Neural Networks as Classification Tools and Feature Extractors for Distinguishing Malware Programs. , 2019, , .		5
12	A Computationally Efficient U-Net Architecture for Lung Segmentation in Chest Radiographs. , 2019, , .		6
13	Convolutional Neural Network for Classification of Histopathology Images for Breast Cancer Detection. , 2019, , .		14
14	Deep Learning Ensemble Methods for Skin Lesion Analysis towards Melanoma Detection. , 2019, , .		22
15	Optimized feature selection-based clustering approach for computer-aided detection of lung nodules in different modalities. Pattern Analysis and Applications, 2019, 22, 559-571.	4.6	44
16	Performance analysis of machine learning and deep learning architectures for malaria detection on cell images. , 2019, , .		24
17	Support vector machine and convolutional neural network based approaches for defect detection in fused filament fabrication. , 2019, , .		13
18	Automated quantification of DNA damage via deep transfer learning based analysis of comet assay images. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
19	Performance analysis of a computer-aided detection system for lung nodules in CT at different slice thicknesses. Journal of Medical Imaging, 2018, 5, 1.	1.5	30
20	Performance Analysis of Feature Selection Techniques for Support Vector Machine and its Application for Lung Nodule Detection. , 2018, , .		10
21	Combination of Traditional and Deep Learning based Architectures to Overcome Class Imbalance and its Application to Malware Classification. , 2018, , .		7
22	Classification of Malware programs using autoencoders based deep learning architecture and its application to the microsoft malware Classification challenge (BIG 2015) dataset. , 2017, , .		32
23	Analysis of various classification techniques for computer aided detection system of pulmonary nodules in CT. , 2016, , .		9
24	Performance analysis of machine learning and pattern recognition algorithms for Malware classification. , 2016, , .		63
25	Multiframe super resolution with JPEG2000 compressed images. , 2015, , .		0
26	Multiframe adaptive Wiener filter super-resolution with JPEG2000-compressed images. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.7	18