

Morteza Heidari

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

752
citations

1039880

9
h-index

1058333

14
g-index

35
all docs

35
docs citations

35
times ranked

735
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying Quantitative Radiographic Image Markers to Predict Clinical Complications After Aneurysmal Subarachnoid Hemorrhage: A Pilot Study. <i>Annals of Biomedical Engineering</i> , 2022, 50, 413-425.	1.3	4
2	Developing new quantitative CT image markers to predict prognosis of acute ischemic stroke patients. <i>Journal of X-Ray Science and Technology</i> , 2022, 30, 459-475.	0.7	2
3	Applying a random projection algorithm to optimize machine learning model for predicting peritoneal metastasis in gastric cancer patients using CT images. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 200, 105937.	2.6	33
4	COVID-Classifier: an automated machine learning model to assist in the diagnosis of COVID-19 infection in chest X-ray images. <i>Scientific Reports</i> , 2021, 11, 9887.	1.6	111
5	Applying a Random Projection Algorithm to Optimize Machine Learning Model for Breast Lesion Classification. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2764-2775.	2.5	14
6	Development and Assessment of a New Global Mammographic Image Feature Analysis Scheme to Predict Likelihood of Malignant Cases. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 1235-1244.	5.4	35
7	Improving the performance of CNN to predict the likelihood of COVID-19 using chest X-ray images with preprocessing algorithms. <i>International Journal of Medical Informatics</i> , 2020, 144, 104284.	1.6	268
8	A new case-based CAD scheme using a hierarchical SSIM feature extraction method to classify between malignant and benign cases. , 2020, , .		2
9	Deep learning denoising for EOG artifacts removal from EEG signals. , 2020, , .		16
10	An approach to human iris recognition using quantitative analysis of image features and machine learning. , 2020, , .		5
11	A Practical Method for Pupil segmentation in challenging conditions. , 2020, , .		0
12	Image quality enhancement in wireless capsule endoscopy with Adaptive Fraction Gamma Transformation and Unsharp Masking filter. , 2020, , .		3
13	Ultra High Q-Factor Superconducting Microresonator to Use in Microwave Kinetic Inductance Detectors. , 2019, , .		1
14	Developing a Quantitative Ultrasound Image Feature Analysis Scheme to Assess Tumor Treatment Efficacy Using a Mouse Model. <i>Scientific Reports</i> , 2019, 9, 7293.	1.6	9
15	Association of computer-aided detection results and breast cancer risk. , 2019, , .		0
16	Design, fabrication and evaluation of non-imaging, label-free pre-screening tool using quantified bio-electrical tissue profile. , 2019, , .		0
17	Assessment of a quantitative mammographic imaging marker for breast cancer risk prediction. , 2019, , .		2
18	Assessment of short-term breast cancer risk using a frequency domain correlation based imaging marker. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Developing a computer-aided image analysis and visualization tool to predict region-specific brain tissue "at risk" for developing acute ischemic stroke. , 2019, , .		0
20	Developing a quantitative ultrasound image feature analysis scheme to assess tumor treatment efficacy using a mouse model. , 2019, , .		0
21	Developing global image feature analysis models to predict cancer risk and prognosis. Visual Computing for Industry, Biomedicine, and Art, 2019, 2, 17.	2.2	2
22	Applying a new computer-aided detection scheme generated imaging marker to predict short-term breast cancer risk. Physics in Medicine and Biology, 2018, 63, 105005.	1.6	18
23	Prediction of breast cancer risk using a machine learning approach embedded with a locality preserving projection algorithm. Physics in Medicine and Biology, 2018, 63, 035020.	1.6	70
24	Prediction of chemotherapy response in ovarian cancer patients using a new clustered quantitative image marker. Physics in Medicine and Biology, 2018, 63, 155020.	1.6	35
25	Classification of Breast Masses Using a Computer-Aided Diagnosis Scheme of Contrast Enhanced Digital Mammograms. Annals of Biomedical Engineering, 2018, 46, 1419-1431.	1.3	56
26	A hybrid deep learning approach to predict malignancy of breast lesions using mammograms. , 2018, , .		4
27	Applying a machine learning model using a locally preserving projection based feature regeneration algorithm to predict breast cancer risk. , 2018, , .		9
28	Applying a CAD-generated imaging marker to assess short-term breast cancer risk. , 2018, , .		2
29	Computer-aided classification of breast masses using contrast-enhanced digital mammograms. , 2018, , .		7
30	Improving performance of breast cancer risk prediction using a new CAD-based region segmentation scheme. , 2018, , .		10
31	Applying a new unequally weighted feature fusion method to improve CAD performance of classifying breast lesions. , 2018, , .		1
32	Framework for robust blind image watermarking based on classification of attacks. Multimedia Tools and Applications, 2017, 76, 23459-23479.	2.6	10
33	A hybrid DCT-SVD based image watermarking algorithm. , 2016, , .		9
34	Towards higher detection accuracy in blind steganalysis of JPEG images. , 2016, , .		0