Ivan Å tajduhar

List of Publications by Year
in descending order

		759190	752679
30 papers	423 citations	12 h-index	20 g-index
33 all docs	33 docs citations	33 times ranked	415 citing authors

#	Article	IF	Citations
1	Semi-automated detection of anterior cruciate ligament injury from MRI. Computer Methods and Programs in Biomedicine, 2017, 140, 151-164.	4.7	64
2	Rapid prediction of earthquake ground shaking intensity using raw waveform data and a convolutional neural network. Geophysical Journal International, 2020, 222, 1379-1389.	2.4	64
3	Deep Learning for Feature Extraction in Remote Sensing: A Case-Study of Aerial Scene Classification. Sensors, 2020, 20, 3906.	3.8	58
4	Impact of censoring on learning Bayesian networks in survival modelling. Artificial Intelligence in Medicine, 2009, 47, 199-217.	6.5	29
5	Transfer learning: improving neural network based prediction of earthquake ground shaking for an area with insufficient training data. Geophysical Journal International, 2022, 229, 704-718.	2.4	27
6	Learning Bayesian networks from survival data using weighting censored instances. Journal of Biomedical Informatics, 2010, 43, 613-622.	4.3	22
7	Local-Entropy Based Approach for X-Ray Image Segmentation and Fracture Detection. Entropy, 2019, 21, 338.	2.2	22
8	Intra-domain and cross-domain transfer learning for time series dataâ€"How transferable are the features?. Knowledge-Based Systems, 2022, 239, 107976.	7.1	20
9	Denoising of X-ray Images Using the Adaptive Algorithm Based on the LPA-RICI Algorithm. Journal of Imaging, 2018, 4, 34.	3.0	18
10	Uncensoring censored data for machine learning: A likelihood-based approach. Expert Systems With Applications, 2012, 39, 7226-7234.	7.6	16
11	XAOM: A method for automatic alignment and orientation of radiographs for computer-aided medical diagnosis. Computers in Biology and Medicine, 2021, 132, 104300.	7.0	15
12	Casting Microstructure Inspection Using Computer Vision: Dendrite Spacing in Aluminum Alloys. Metals, 2021, 11, 756.	2.3	13
13	Automatic music transcription for traditional woodwind instruments sopele. Pattern Recognition Letters, 2019, 128, 340-347.	4.2	9
14	Casting Defects Detection in Aluminum Alloys Using Deep Learning: a Classification Approach. International Journal of Metalcasting, 2023, 17, 386-398.	1.9	8
15	Deep embedded clustering algorithm for clustering PACS repositories. , 2021, , .		7
16	Automatic Annotation of Narrative Radiology Reports. Diagnostics, 2020, 10, 196.	2.6	5
17	Using DICOM Tags for Clustering Medical Radiology Images into Visually Similar Groups. , 2020, , .		5
18	Mirroring quasi-symmetric organ observations for reducing problem complexity. Expert Systems With Applications, 2017, 85, 318-334.	7.6	3

#	Article	IF	Citations
19	TFD thresholding in estimating the number of EEG components and the dominant if using the short-term rÃ©nyi entropy. , 2017, , .		3
20	Predicting stressâ€"strain behavior of carbon nanotubes using neural networks. Neural Computing and Applications, 2022, 34, 17821-17836.	5.6	3
21	Cast suppression in radiographs by generative adversarial networks. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 2687-2694.	4.4	2
22	Analysing Large Repositories of Medical Images. Lecture Notes in Computer Science, 2021, , 179-193.	1.3	2
23	Deep Semi-Supervised Algorithm for Learning Cluster-Oriented Representations of Medical Images Using Partially Observable DICOM Tags and Images. Diagnostics, 2021, 11, 1920.	2.6	2
24	The Choice of Timeâ€"Frequency Representations of Non-Stationary Signals Affects Machine Learning Model Accuracy: A Case Study on Earthquake Detection from LEN-DB Data. Mathematics, 2022, 10, 965.	2.2	2
25	Adaptive state estimator with intersection of confidence intervals based preprocessing. International Journal of Electrical Power and Energy Systems, 2018, 102, 413-420.	5.5	1
26	Sopele music dataset. Data in Brief, 2020, 28, 104840.	1.0	1
27	Modeling Uncertainty in Fracture Age Estimation from Pediatric Wrist Radiographs. Mathematics, 2021, 9, 3227.	2.2	1
28	Augmenting Around-Device Interaction by Geomagnetic Field Built-in Sensor Utilization. Sensors, 2021, 21, 3087.	3.8	0
29	Automatic extraction of multiple-study X-ray images. , 2021, , .		0
30	ML-Based Approach for NFL Defensive Pass Interference Prediction Using GPS Tracking Data. , 2021, , .		0