

Haikel S Hichri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8217016/publications.pdf>

Version: 2024-02-01

65
papers

2,218
citations

393982

19
h-index

315357

38
g-index

65
all docs

65
docs citations

65
times ranked

2470
citing authors

#	ARTICLE	IF	CITATIONS
1	Continual Learning Approach for Remote Sensing Scene Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	8
2	Adversarial Learning for Knowledge Adaptation From Multiple Remote Sensing Sources. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1451-1455.	1.4	8
3	UAV Image Multi-Labeling with Data-Efficient Transformers. Applied Sciences (Switzerland), 2021, 11, 3974.	1.3	13
4	Unified Generative Adversarial Networks for Multidomain Fingerprint Presentation Attack Detection. Entropy, 2021, 23, 1089.	1.1	5
5	SSDAN: Multi-Source Semi-Supervised Domain Adaptation Network for Remote Sensing Scene Classification. Remote Sensing, 2021, 13, 3861.	1.8	19
6	LwF-ECG: Learning-without-forgetting approach for electrocardiogram heartbeat classification based on memory with task selector. Computers in Biology and Medicine, 2021, 137, 104807.	3.9	10
7	Classification of Remote Sensing Images Using EfficientNet-B3 CNN Model With Attention. IEEE Access, 2021, 9, 14078-14094.	2.6	144
8	CNN Ensemble Approach to Detect COVID-19 from Computed Tomography Chest Images. Computers, Materials and Continua, 2021, 67, 3581-3599.	1.5	7
9	Classification of Remote Sensing scenes using Semi-Supervised Domain Adaptation based on Entropy Adversarial Optimization. , 2021, , .		1
10	Assisting the Visually Impaired in Multi-object Scene Description Using OWA-Based Fusion of CNN Models. Arabian Journal for Science and Engineering, 2020, 45, 10511-10527.	1.7	6
11	Real-Time Mobile-Based Electrocardiogram System for Remote Monitoring of Patients with Cardiac Arrhythmias. International Journal of Pattern Recognition and Artificial Intelligence, 2020, 34, 2058013.	0.7	9
12	Deep Learning approach for Multiple Source Classification in Remote Sensing Imagery. , 2020, , .		0
13	Few-Shot Learning For Remote Sensing Scene Classification. , 2020, , .		28
14	Deep Open-Set Domain Adaptation for Cross-Scene Classification based on Adversarial Learning and Pareto Ranking. Remote Sensing, 2020, 12, 1716.	1.8	26
15	Electrocardiogram heartbeat classification based on a deep convolutional neural network and focal loss. Computers in Biology and Medicine, 2020, 123, 103866.	3.9	80
16	Few Shot Scene Classification in Remote Sensing using Meta-Agnostic Machine. , 2020, , .		21
17	SqueezeNet with Attention for Remote Sensing Scene Classification. , 2020, , .		5
18	Fusion of CNN ensemble for Remote Sensing Scene Classification. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
19	Selective Data Augmentation Approach for Remote Sensing Scene Classification. , 2020, , .		2
20	A Convolutional Neural Network Solution for Spectroscopic Data Regression. , 2020, , .		0
21	A novel deep learning based method for the computational material design of flexoelectric nanostructures with topology optimization. Finite Elements in Analysis and Design, 2019, 165, 21-30.	1.7	53
22	Multi-Instance Neural Network Architecture for Scene Classification in Remote Sensing. , 2019, , .		4
23	Simple Yet Effective Fine-Tuning of Deep CNNs Using an Auxiliary Classification Loss for Remote Sensing Scene Classification. Remote Sensing, 2019, 11, 2908.	1.8	69
24	Helping the Visually Impaired See via Image Multi-labeling Based on SqueezeNet CNN. Applied Sciences (Switzerland), 2019, 9, 4656.	1.3	23
25	Classification of Short-time Single-lead ECG Recordings Using Deep Residual CNN. , 2019, , .		7
26	Scene Description for Visually Impaired People with Multi-Label Convolutional SVM Networks. Applied Sciences (Switzerland), 2019, 9, 5062.	1.3	10
27	Learning a Multi-Branch Neural Network from Multiple Sources for Knowledge Adaptation in Remote Sensing Imagery. Remote Sensing, 2018, 10, 1890.	1.8	33
28	Automatic Premature Ventricular Contractions Detection for Multi-Lead Electrocardiogram Signal. , 2018, , .		8
29	Generative Adversarial Networks for Cross-Scene Classification in Remote Sensing Images. , 2018, , .		5
30	Multitask Classification of Remote Sensing Scenes Using Deep Neural Networks. , 2018, , .		11
31	Multi-Scale Convolutional Neural Network for Remote Sensing Scene Classification. , 2018, , .		17
32	Siamese-GAN: Learning Invariant Representations for Aerial Vehicle Image Categorization. Remote Sensing, 2018, 10, 351.	1.8	50
33	Tile-Based Semisupervised Classification of Large-Scale VHR Remote Sensing Images. Journal of Sensors, 2018, 2018, 1-14.	0.6	15
34	Domain Adaptation Network for Cross-Scene Classification. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 4441-4456.	2.7	127
35	Deep Learning Approach for Car Detection in UAV Imagery. Remote Sensing, 2017, 9, 312.	1.8	219
36	Multiple Object Scene Description for the Visually Impaired Using Pre-trained Convolutional Neural Networks. Lecture Notes in Computer Science, 2016, , 290-295.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Using convolutional features and a sparse autoencoder for land-use scene classification. International Journal of Remote Sensing, 2016, 37, 2149-2167.	1.3	141
38	Three-Layer Convex Network for Domain Adaptation in Multitemporal VHR Images. IEEE Geoscience and Remote Sensing Letters, 2016, , 1-5.	1.4	8
39	Deep learning approach for active classification of electrocardiogram signals. Information Sciences, 2016, 345, 340-354.	4.0	467
40	A hierarchical learning paradigm for semi-supervised classification of remote sensing images. , 2015, , .		5
41	A deep learning approach for unsupervised domain adaptation in multitemporal remote sensing images. , 2015, , .		5
42	Classification of AAMI heartbeat classes with an interactive ELM ensemble learning approach. Biomedical Signal Processing and Control, 2015, 19, 56-67.	3.5	18
43	Fusion of Extreme Learning Machine and Graph-Based Optimization Methods for Active Classification of Remote Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 527-531.	1.4	54
44	Efficient Framework for Palm Tree Detection in UAV Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4692-4703.	2.3	87
45	Sift-ELM approach for unsupervised change detection in VHR images. , 2014, , .		1
46	An automatic approach for palm tree counting in UAV images. , 2014, , .		18
47	Robust Estimation of Water Chlorophyll Concentrations With Gaussian Process Regression and IOWA Aggregation Operators. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 3019-3028.	2.3	21
48	Clustering of Hyperspectral Images with an Ensemble Method Based on Fuzzy C-Means and Markov Random Fields. Arabian Journal for Science and Engineering, 2014, 39, 3747-3757.	1.1	10
49	Differential Evolution Extreme Learning Machine for the Classification of Hyperspectral Images. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1066-1070.	1.4	126
50	Interactive Segmentation for Change Detection in Multispectral Remote-Sensing Images. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 298-302.	1.4	25
51	Premature Ventricular Contraction Arrhythmia Detection and Classification with Gaussian Process and S Transform. , 2013, , .		9
52	Using OWA Fusion Operators for the Classification of Hyperspectral Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 602-614.	2.3	12
53	Domain adaptation methods for ECG classification. , 2013, , .		29
54	A novel fusion approach based on induced ordered weighted averaging operators for chemometric data analysis. Journal of Chemometrics, 2013, 27, 447-456.	0.7	16

#	ARTICLE	IF	CITATIONS
55	Robust classification of hyperspectral images based on the combination of supervised and unsupervised learning paradigms. , 2012, , .		3
56	Interactive change detection techniques in multitemporal multispectral remote sensing images. , 2012, , .		0
57	HBS: A Novel Biometric Feature Based on Heartbeat Morphology. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 445-453.	3.6	44
58	A cluster ensemble method for robust unsupervised classification of VHR remote sensing images. , 2011, , .		4
59	TACKLING THE PROBLEM OF INVARIANT TEXTURE RETRIEVAL USING MULTIPLE STRATEGIES. International Journal of Image and Graphics, 2011, 11, 43-64.	1.2	1
60	Low-level invariant image retrieval based on results fusion. , 2008, , .		4
61	AUTOMATIC IMAGE REGISTRATION USING VIRTUAL CIRCLES. International Journal of Image and Graphics, 2004, 04, 281-299.	1.2	0
62	Virtual circles: a new set of features for fast image registration. Pattern Recognition Letters, 2003, 24, 1181-1190.	2.6	39
63	Multi-resolution image registration using multi-class Hausdorff fraction. Pattern Recognition Letters, 2002, 23, 279-286.	2.6	16
64	Image registration using the Hausdorff fraction and virtual circles. , 0, , .		6
65	Image registration using virtual circles and edge direction. , 0, , .		1