Leandro Aparecido Passos Junior

List of Publications by Year
in descending order

41 papers	579 citations	840585 11 h-index	677027 22 g-index
43 all docs	43 docs citations	43 times ranked	643 citing authors

#	Article	IF	Citations
1	Exudate detection in fundus images using deeply-learnable features. Computers in Biology and Medicine, 2019, 104, 62-69.	3.9	101
2	Unsupervised non-technical losses identification through optimum-path forest. Electric Power Systems Research, 2016, 140, 413-423.	2.1	80
3	Intelligent Network Security Monitoring Based on Optimum-Path Forest Clustering. IEEE Network, 2019, 33, 126-131.	4.9	49
4	Computer-assisted Parkinson's disease diagnosis using fuzzy optimum- path forest and Restricted Boltzmann Machines. Computers in Biology and Medicine, 2021, 131, 104260.	3.9	32
5	Assisting Barrett's esophagus identification using endoscopic data augmentation based on Generative Adversarial Networks. Computers in Biology and Medicine, 2020, 126, 104029.	3.9	29
6	Gait Recognition Based on Deep Learning: A Survey. ACM Computing Surveys, 2023, 55, 1-34.	16.1	27
7	Learning Parameters in Deep Belief Networks Through Firefly Algorithm. Lecture Notes in Computer Science, 2016, , 138-149.	1.0	22
8	Parkinson Disease Identification Using Residual Networks and Optimum-Path Forest. , 2018, , .		19
9	Barrettâ€™s esophagus analysis using infinity Restricted Boltzmann Machines. Journal of Visual Communication and Image Representation, 2019, 59, 475-485.	1.7	19
10	A Novel Siamese-Based Approach for Scene Change Detection With Applications to Obstructed Routes in Hazardous Environments. IEEE Intelligent Systems, 2020, 35, 44-53.	4.0	18
11	A critical literature survey and prospects on tampering and anomaly detection in image data. Applied Soft Computing Journal, 2020, 97, 106727.	4.1	15
12	A Novel Approach for Optimum-Path Forest Classification Using Fuzzy Logic. IEEE Transactions on Fuzzy Systems, 2020, 28, 3076-3086.	6.5	13
13	A metaheuristic-driven approach to fine-tune Deep Boltzmann Machines. Applied Soft Computing Journal, 2020, 97, 105717.	4.1	12
14	Reinforcing learning in Deep Belief Networks through nature-inspired optimization. Applied Soft Computing Journal, 2021, 108, 107466.	4.1	12
15	Handling imbalanced datasets through Optimum-Path Forest. Knowledge-Based Systems, 2022, 242, 108445.	4.0	12
16	On the Training of Artificial Neural Networks with Radial Basis Function Using Optimum-Path Forest Clustering. , 2014, , .		11
17	Temperature-Based Deep Boltzmann Machines. Neural Processing Letters, 2018, 48, 95-107.	2.0	11
18	Fine Tuning Deep Boltzmann Machines Through Meta-Heuristic Approaches. , 2018, , .		11

#	Article	IF	Citations
19	Parkinsonâ€™s Disease Identification Using Restricted Boltzmann Machines. Lecture Notes in Computer Science, 2017, , 70-80.	1.0	9
20	Intestinal Parasites Classification Using Deep Belief Networks. Lecture Notes in Computer Science, 2020, , 242-251.	1.0	9
21	Unsupervised Breast Masses Classification through Optimum-Path Forest. , 2015, , .		8
22	Adaptive Improved Flower Pollination Algorithm for Global Optimization. Studies in Computational Intelligence, 2020, , 1-21.	0.7	8
23	Fine-Tuning Infinity Restricted Boltzmann Machines. , 2017, , .		6
24	Fine-tuning Generative Adversarial Networks using Metaheuristics. Informatik Aktuell, 2021, , 205-210.	0.4	5
25	Quaternion-Based Backtracking Search Optimization Algorithm. , 2019, , .		4
26	Normalizing images is good to improve computer-assisted COVID-19 diagnosis. , 2021, , 51-62.		4
27	Deep Boltzmann Machines Using Adaptive Temperatures. Lecture Notes in Computer Science, 2017, , 172-183.	1.0	4
28	Evolving Long Short-Term Memory Networks. Lecture Notes in Computer Science, 2020, , 337-350.	1.0	4
29	Harnessing Particle Swarm optimization Through Relativistic Velocity. , 2020, , .		3
30	O^2PF: Oversampling via Optimum-Path Forest for Breast Cancer Detection. , 2020, , .		3
31	JADE-Based Feature Selection for Non-technical Losses Detection. Lecture Notes in Computational Vision and Biomechanics, 2019, , 141-156.	0.5	3
32	Fine-tuning restricted Boltzmann machines using quaternion-based flower pollination algorithm. , 2020, , 111-133.		3
33	Enhancing Brain Storm Optimization Through Optimum-Path Forest. , 2018, , .		2
34	κ-Entropy Based Restricted Boltzmann Machines. , 2019, , .		2
35	Detecting atherosclerotic plaque calcifications of the carotid artery through optimum-path forest. , 2022, , 137-154.		2
36	On the Assessment of Nature-Inspired Meta-Heuristic Optimization Techniques to Fine-Tune Deep Belief Networks. Natural Computing Series, 2020, , 67-96.	2.2	1

#	Article	IF	Citations
37	From Actions to Events: A Transfer Learning Approach Using Improved Deep Belief Networks. , 2021, , .		1
38	An End-to-End Approach forÂSeam Carving Detection Using Deep Neural Networks. Lecture Notes in Computer Science, 2022, , 447-457.	1.0	1
39	Intelligent IoT security monitoring based on fuzzy optimum-path forest classifier. Soft Computing, 2023, 27, 4279-4288.	2.1	1
40	A Layer-Wise Information Reinforcement Approach to Improve Learning in Deep Belief Networks. Lecture Notes in Computer Science, 2020, , 231-241.	1.0	0
41	MaxDropoutV2: An Improved Method toÂDrop Out Neurons inÂConvolutional Neural Networks. Lecture Notes in Computer Science, 2022, , 271-282.	1.0	0