Gustavo Henrique de Rosa

List of Publications by Year
in descending order

28	608	933264 10	752573 20
papers	citations	h-index	g-index

32	32	32	548
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Handwritten dynamics assessment through convolutional neural networks: An application to Parkinson's disease identification. Artificial Intelligence in Medicine, 2018, 87, 67-77.	3.8	136
2	Soft-Tempering Deep Belief Networks Parameters Through Genetic Programming. Journal of Artificial Intelligence and Systems, 2019, 1, 43-59.	0.7	105
3	A recurrence plot-based approach for Parkinsonâ€™s disease identification. Future Generation Computer Systems, 2019, 94, 282-292.	4.9	88
4	Model selection for Discriminative Restricted Boltzmann Machines through meta-heuristic techniques. Journal of Computational Science, 2015, 9, 14-18.	1.5	43
5	A survey on text generation using generative adversarial networks. Pattern Recognition, 2021, 119, 108098.	5.1	41
6	Handling dropout probability estimation in convolution neural networks using meta-heuristics. Soft Computing, 2018, 22, 6147-6156.	2.1	39
7	Feature selection through binary brain storm optimization. Computers and Electrical Engineering, 2018, 72, 468-481.	3.0	35
8	Quaternion-based Deep Belief Networks fine-tuning. Applied Soft Computing Journal, 2017, 60, 328-335.	4.1	23
9	A binary-constrained Geometric Semantic Genetic Programming for feature selection purposes. Pattern Recognition Letters, 2017, 100, 59-66.	2.6	14
10	Stroke Lesion Detection Using Convolutional Neural Networks. , 2018, , .		14
11	Reinforcing learning in Deep Belief Networks through nature-inspired optimization. Applied Soft Computing Journal, 2021, 108, 107466.	4.1	12
12	Semi-supervised learning with connectivity-driven convolutional neural networks. Pattern Recognition Letters, 2019, 128, 16-22.	2.6	9
13	Adaptive Improved Flower Pollination Algorithm for Global Optimization. Studies in Computational Intelligence, 2020, , 1-21.	0.7	8
14	OPFython: A Python implementation for Optimum-Path Forest. Software Impacts, 2021, 9, 100113.	0.8	7
15	A nature-inspired feature selection approach based on hypercomplex information. Applied Soft Computing Journal, 2020, 94, 106453.	4.1	6
16	Enhancing anomaly detection through restricted Boltzmann machine features projection. International Journal of Information Technology (Singapore), 2021, 13, 49-57.	1.8	6
17	Optimum-path forest stacking-based ensemble for intrusion detection. Evolutionary Intelligence, 2022, 15, 2037-2054.	2.3	6
18	Harnessing Particle Swarm optimization Through Relativistic Velocity. , 2020, , .		3

#	Article	IF	Citations
19	Fine-tuning restricted Boltzmann machines using quaternion-based flower pollination algorithm. , 2020, , 111-133.		3
20	Energy-Based Dropout in Restricted Boltzmann Machines: Why Not Go Random. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 276-286.	3.4	3
21	Convolutional neural networks ensembles through single-iteration optimization. Soft Computing, 2022, 26, 3871-3882.	2.1	2
22	How optimizing perplexity can affect the dimensionality reduction on word embeddings visualization?. SN Applied Sciences, 2019, 1, 1.	1.5	1
23	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
24	Neighbourâ€based <scp>bagâ€ofâ€samplings</scp> for person identification through handwritten dynamics and convolutional neural networks. Expert Systems, 2022, 39, e12891.	2.9	1
25	Improving Pre- Trained Weights through Meta - Heuristics Fine- Tuning. , 2021, , .		1
26	Fineâ€tuning restricted Boltzmann machines using quaternions and its application for spam detection. IET Networks, 2019, 8, 164-168.	1.1	0
27	Fine-Tuning Temperatures in Restricted Boltzmann Machines Using Meta-Heuristic Optimization. , 2020, , .		0
28	Creating Classifier Ensembles through Meta-heuristic Algorithms for Aerial Scene Classification. , 2021, , .		0