

# Gustavo Henrique de Rosa

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

608  
citations

933410

10  
h-index

752679

20  
g-index

32  
all docs

32  
docs citations

32  
times ranked

548  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Optimum-path forest stacking-based ensemble for intrusion detection. <i>Evolutionary Intelligence</i> , 2022, 15, 2037-2054.  | 3.6 | 6         |
| 2  | Energy-Based Dropout in Restricted Boltzmann Machines: Why Not Go Random. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2022, 6, 276-286.   | 4.9 | 3         |
| 3  | Neighbour-based $\langle \text{scp} \rangle$ bag-of- $\langle \text{scp} \rangle$ samplings for person identification through handwritten dynamics and convolutional neural networks. <i>Expert Systems</i> , 2022, 39, e12891. | 4.5 | 1         |
| 4  | Convolutional neural networks ensembles through single-iteration optimization. <i>Soft Computing</i> , 2022, 26, 3871-3882.   | 3.6 | 2         |
| 5  | Enhancing anomaly detection through restricted Boltzmann machine features projection. <i>International Journal of Information Technology (Singapore)</i> , 2021, 13, 49-57.   | 2.7 | 6         |
| 6  | Creating Classifier Ensembles through Meta-heuristic Algorithms for Aerial Scene Classification. , 2021, , .  |     | 0         |
| 7  | OPFython: A Python implementation for Optimum-Path Forest. <i>Software Impacts</i> , 2021, 9, 100113.   | 1.4 | 7         |
| 8  | Reinforcing learning in Deep Belief Networks through nature-inspired optimization. <i>Applied Soft Computing Journal</i> , 2021, 108, 107466.   | 7.2 | 12        |
| 9  | A survey on text generation using generative adversarial networks. <i>Pattern Recognition</i> , 2021, 119, 108098.  | 8.1 | 41        |
| 10 | Improving Pre- Trained Weights through Meta - Heuristics Fine- Tuning. , 2021, , .  |     | 1         |
| 11 | Harnessing Particle Swarm optimization Through Relativistic Velocity. , 2020, , .   |     | 3         |
| 12 | Fine-Tuning Temperatures in Restricted Boltzmann Machines Using Meta-Heuristic Optimization. , 2020, , .  |     | 0         |
| 13 | A nature-inspired feature selection approach based on hypercomplex information. <i>Applied Soft Computing Journal</i> , 2020, 94, 106453.   | 7.2 | 6         |
| 14 | Adaptive Improved Flower Pollination Algorithm for Global Optimization. <i>Studies in Computational Intelligence</i> , 2020, , 1-21.  | 0.9 | 8         |
| 15 | Fine-tuning restricted Boltzmann machines using quaternion-based flower pollination algorithm. , 2020, , 111-133.   |     | 3         |
| 16 | On the Assessment of Nature-Inspired Meta-Heuristic Optimization Techniques to Fine-Tune Deep Belief Networks. <i>Natural Computing Series</i> , 2020, , 67-96.   | 2.2 | 1         |
| 17 | Semi-supervised learning with connectivity-driven convolutional neural networks. <i>Pattern Recognition Letters</i> , 2019, 128, 16-22.   | 4.2 | 9         |
| 18 | Fine-tuning restricted Boltzmann machines using quaternions and its application for spam detection. <i>IET Networks</i> , 2019, 8, 164-168.   | 1.8 | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | How optimizing perplexity can affect the dimensionality reduction on word embeddings visualization?. SN Applied Sciences, 2019, 1, 1.  | 2.9 | 1         |
| 20 | A recurrence plot-based approach for Parkinson's disease identification. Future Generation Computer Systems, 2019, 94, 282-292.  | 7.5 | 88        |
| 21 | Soft-Tempering Deep Belief Networks Parameters Through Genetic Programming. Journal of Artificial Intelligence and Systems, 2019, 1, 43-59.  | 1.1 | 105       |
| 22 | Handwritten dynamics assessment through convolutional neural networks: An application to Parkinson's disease identification. Artificial Intelligence in Medicine, 2018, 87, 67-77. | 6.5 | 136       |
| 23 | Handling dropout probability estimation in convolution neural networks using meta-heuristics. Soft Computing, 2018, 22, 6147-6156.   | 3.6 | 39        |
| 24 | Feature selection through binary brain storm optimization. Computers and Electrical Engineering, 2018, 72, 468-481.  | 4.8 | 35        |
| 25 | Stroke Lesion Detection Using Convolutional Neural Networks. , 2018, , .   |     | 14        |
| 26 | A binary-constrained Geometric Semantic Genetic Programming for feature selection purposes. Pattern Recognition Letters, 2017, 100, 59-66.   | 4.2 | 14        |
| 27 | Quaternion-based Deep Belief Networks fine-tuning. Applied Soft Computing Journal, 2017, 60, 328-335.  | 7.2 | 23        |
| 28 | Model selection for Discriminative Restricted Boltzmann Machines through meta-heuristic techniques. Journal of Computational Science, 2015, 9, 14-18.                              | 2.9 | 43        |