# Claudomiro Sales

List of Publications by Year
in descending order



| 15 | 296 | 1163117 8 | 1281871 11 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 15 | 15 | 15 | 273 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Polygonal Coordinate System: Visualizing high-dimensional data using geometric DR, and a deterministic version of t-SNE. Expert Systems With Applications, 2021, 175, 114741. | 7.6 | 12 |
| 2 | Improving a Genetic Clustering Approach with a CVI-Based Objective Function. Lecture Notes in Computer Science, 2021, , 202-217. | 1.3 | 0 |
| 3 | Improving Particle Swarm Optimization with Self-adaptive Parameters, Rotational Invariance, and Diversity Control. Lecture Notes in Computer Science, 2021, , 218-233. | 1.3 | 0 |
| 4 | A rotationally invariant semi-autonomous particle swarm optimizer with directional diversity. Swarm and Evolutionary Computation, 2020, 56, 100700. | 8.1 | 11 |
| 5 | Empirical study on rotation and information exchange in particle swarm optimization. Swarm and Evolutionary Computation, 2019, 48, 312-328. | 8.1 | 5 |
| 6 | Mutual equidistant-scattering criterion: A new index for crisp clustering. Expert Systems With Applications, 2019, 128, 225-245. | 7.6 | 6 |
| 7 | A Geometry-Based Approach to Visualize High-Dimensional Data. , 2019, , . | | 2 |
| 8 | Data Normalization in Structural Health Monitoring by Means of Nonlinear Filtering. , 2019, , . | | 3 |
| 9 | Deep principal component analysis: An enhanced approach for structural damage identification. Structural Health Monitoring, 2019, 18, 1444-1463. | 7.5 | 40 |
| 10 | A semi-autonomous particle swarm optimizer based on gradient information and diversity control for global optimization. Applied Soft Computing Journal, 2018, 69, 330-343. | 7.2 | 26 |
| 11 | Genetic-based EM algorithm to improve the robustness of Gaussian mixture models for damage detection in bridges. Structural Control and Health Monitoring, 2017, 24, e1886. | 4.0 | 35 |
| 12 | A Global Expectationâ€“Maximization Approach Based on Memetic Algorithm for Vibration-Based Structural Damage Detection. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 661-670. | 4.7 | 24 |
| 13 | Agglomerative concentric hypersphere clustering applied to structural damage detection. Mechanical Systems and Signal Processing, 2017, 92, 196-212. | 8.0 | 21 |
| 14 | A global expectation-maximization based on memetic swarm optimization for structural damage detection. Structural Health Monitoring, 2016, 15, 610-625. | 7.5 | 29 |
| 15 | A novel unsupervised approach based on a genetic algorithm for structural damage detection in bridges. Engineering Applications of Artificial Intelligence, 2016, 52, 168-180. | 8.1 | 82 |