# Manuel Ornelas-Rodriguez

List of Publications by Year
in descending order

| 19 papers | 95 citations | 1478280 6 h-index | 1474057 9 g-index |
|---|---|---|---|
| 22 all docs | 22 docs citations | 22 times ranked | 114 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Design of Spiking Central Pattern Generators for Multiple Locomotion Gaits in Hexapod Robots by Christiansen Grammar Evolution. Frontiers in Neurorobotics, 2016, 10, 6. | 1.6 | 19 |
| 2 | Evolutionary Spiking Neural Networks for Solving Supervised Classification Problems. Computational Intelligence and Neuroscience, 2019, 2019, 1-13. | 1.1 | 14 |
| 3 | Direct laser writing of mid-infrared microelements on polyethylene material. Optical Engineering, 2001, 40, 921. | 0.5 | 10 |
| 4 | Mid-infrared microlenses fabricated by the melting method. Optics Letters, 1999, 24, 1212. | 1.7 | 9 |
| 5 | Segmentation of Coronary Angiograms Using Gabor Filters and Boltzmann Univariate Marginal Distribution Algorithm. Computational Intelligence and Neuroscience, 2016, 2016, 1-9. | 1.1 | 8 |
| 6 | Thermal embossing of mid-infrared diffractive optical elements by use of a self-processing photopolymer master. Applied Optics, 2002, 41, 4590. | 2.1 | 7 |
| 7 | Evolutionary Design of Problem-Adapted Image Descriptors for Texture Classification. IEEE Access, 2018, 6, 40450-40462. | 2.6 | 5 |
| 8 | Increase Methodology of Design of Course Timetabling Problem for Students, Classrooms, and Teachers. Studies in Computational Intelligence, 2017, , 713-728. | 0.7 | 4 |
| 9 | Partially-Connected Artificial Neural Networks Developed by Grammatical Evolution for Pattern Recognition Problems. Studies in Computational Intelligence, 2018, , 99-112. | 0.7 | 4 |
| 10 | A Methodology for Classifying Search Operators as Intensification or Diversification Heuristics. Complexity, 2020, 2020, 1-10. | 0.9 | 4 |
| 11 | A Methodology to Determine the Subset of Heuristics for Hyperheuristics through Metalearning for Solving Graph Coloring and Capacitated Vehicle Routing Problems. Complexity, 2021, 2021, 1-22. | 0.9 | 3 |
| 12 | Mid-infrared optical elements fabricated on polymer materials. , 2000, , . | | 1 |
| 13 | Comparing Grammatical Evolution's Mapping Processes on Feature Generation for Pattern Recognition Problems. Studies in Computational Intelligence, 2017, , 775-785. | 0.7 | 1 |
| 14 | Spiking Central Pattern Generators through Reverse Engineering of Locomotion Patterns. , 0, , . | | 1 |
| 15 | Combinatorial Designs on Constraint Satisfaction Problem (VRP). Studies in Computational Intelligence, 2020, , 509-526. | 0.7 | 1 |
| 16 | Single Spiking Neuron Multi-Objective Optimization for Pattern Classification. Journal of Automation, Mobile Robotics and Intelligent Systems, 0, , 73-80. | 0.4 | 0 |
| 17 | Comparing Evolutionary Artificial Neural Networks from Second and Third Generations for Solving Supervised Classification Problems. Studies in Computational Intelligence, 2020, , 615-628. | 0.7 | 0 |
| 18 | A Novel Set of Moment Invariants for Pattern Recognition Applications Based on Jacobi Polynomials. Lecture Notes in Computer Science, 2020, , 139-148. | 1.0 | 0 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Improved training of deep convolutional networks via minimum-variance regularized adaptive sampling. Soft Computing, 0, , . | 2.1 | 0 |