

# HÃ©ctor Puga

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3024999/publications.pdf>

Version: 2024-02-01

20  
papers

246  
citations

1478280

6  
h-index

996849

15  
g-index

25  
all docs

25  
docs citations

25  
times ranked

275  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective learning hyper-heuristics for the course timetabling problem. <i>European Journal of Operational Research</i> , 2014, 238, 77-86.	3.5	69
2	A novel formulation of orthogonal polynomial kernel functions for SVM classifiers: The Gegenbauer family. <i>Pattern Recognition</i> , 2018, 84, 211-225.	5.1	57
3	Quadrupedal Robot Locomotion: A Biologically Inspired Approach and Its Hardware Implementation. <i>Computational Intelligence and Neuroscience</i> , 2016, 2016, 1-13.	1.1	23
4	Hyper-Parameter Tuning for Support Vector Machines by Estimation of Distribution Algorithms. <i>Studies in Computational Intelligence</i> , 2017, , 787-800.	0.7	22
5	Evolutionary Spiking Neural Networks for Solving Supervised Classification Problems. <i>Computational Intelligence and Neuroscience</i> , 2019, 2019, 1-13.	1.1	14
6	Evolvability metrics in adaptive operator selection. , 2014, , .		13
7	Comparison of PSO and DE for Training Neural Networks. , 2011, , .		6
8	Comparing Metaheuristic Algorithms on the Training Process of Spiking Neural Networks. <i>Studies in Computational Intelligence</i> , 2014, , 391-403.	0.7	5
9	Low Order Modeling of a Metal Plate Under Vibrations. <i>Experimental Mechanics</i> , 2006, 46, 491-502.	1.1	4
10	A firefly algorithm for modular granular neural networks optimization applied to iris recognition. , 2016, , .		4
11	Increase Methodology of Design of Course Timetabling Problem for Students, Classrooms, and Teachers. <i>Studies in Computational Intelligence</i> , 2017, , 713-728.	0.7	4
12	Bio-inspired Metaheuristics for Hyper-parameter Tuning of Support Vector Machine Classifiers. <i>Studies in Computational Intelligence</i> , 2018, , 115-130.	0.7	4
13	Iterated VND Versus Hyper-heuristics: Effective and General Approaches to Course Timetabling. <i>Studies in Computational Intelligence</i> , 2017, , 687-700.	0.7	3
14	A Methodology to Determine the Subset of Heuristics for Hyperheuristics through Metalearning for Solving Graph Coloring and Capacitated Vehicle Routing Problems. <i>Complexity</i> , 2021, 2021, 1-22.	0.9	3
15	A New Approach of Design for the Academic Timetabling Problem through Genetic Algorithms. , 2010, , .		2
16	Developing Architectures of Spiking Neural Networks by Using Grammatical Evolution Based on Evolutionary Strategy. <i>Lecture Notes in Computer Science</i> , 2014, , 71-80.	1.0	2
17	Parallel Meta-heuristic Approaches to the Course Timetabling Problem. <i>Studies in Computational Intelligence</i> , 2015, , 391-417.	0.7	2
18	Homogeneous Population Solving the Minimal Perturbation Problem in Dynamic Scheduling of Surgeries. <i>Lecture Notes in Computer Science</i> , 2013, , 473-484.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Evaluación de un Sistema jerárquico difuso, utilizando conceptos compuestos difusos en sistemas de terapia asistida por computadora. Revista De Sistemas Computacionales Y TIC's, 0, , 35-42.	0.0	0
20	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