Victor Rivas

List of Publications by Year
in descending order

32 papers	1,648 citations	1040056 9 h-index	677142 22 g-index
36 all docs	36 docs citations	36 times ranked	1375 citing authors

#	Article	IF	Citations
1	Studying real traffic and mobility scenarios for a Smart City using a new monitoring and tracking system. Future Generation Computer Systems, 2017, 76, 163-179.	7.5	52
2	Time series forecasting using evolutionary neural nets implemented in a volunteer computing system. Intelligent Systems in Accounting, Finance and Management, 2017, 24, 87-95.	4.6	8
3	A comparison of implementations of basic evolutionary algorithm operations in different languages. , 2016, , .		3
4	Benchmarking Languages for Evolutionary Algorithms. Lecture Notes in Computer Science, 2016, , 27-41.	1.3	3
5	A Radial Basis Function Neural Network-Based Coevolutionary Algorithm for Short-Term to Long-Term Time Series Forecasting. Studies in Computational Intelligence, 2016, , 121-136.	0.9	0
6	Ranking the Performance of Compiled and Interpreted Languages in Genetic Algorithms. , 2016, , .		1
7	Open classroom: enhancing student achievement on artificial intelligence through an international online competition. Journal of Computer Assisted Learning, 2015, 31, 14-31.	5.1	24
8	NodEO, a multi-paradigm distributed evolutionary algorithm platform in JavaScript. , 2014, , .		6
9	Assessing different architectures for evolutionary algorithms in javascript. , 2014, , .		0
10	Short, medium and long term forecasting of time series using the L-Co-R algorithm. Neurocomputing, 2014, 128, 433-446.	5.9	18
11	Studying Individualized Transit Indicators Using a New Low-Cost Information System. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2014, , 388-407.	0.5	6
12	Coevolution of lags and RBFNs for time series forecasting: L-Co-R algorithm. Soft Computing, 2012, 16, 919-942.	3.6	10
13	Time series forecasting: Automatic determination of lags and radial basis neural networks for a changing horizon environment. , 2010, , .		2
14	E-tsRBF: Preliminary Results on the Simultaneous Determination of Time-Lags and Parameters of Radial Basis Function Neural Networks for Time Series Forecasting. , 2009, , .		1
15	KEEL: a software tool to assess evolutionary algorithms for data mining problems. Soft Computing, 2009, 13, 307-318.	3.6	1,165
16	Parallelizing the Design of Radial Basis Function Neural Networks by Means of Evolutionary Meta-algorithms. Lecture Notes in Computer Science, 2009, , 383-390.	1.3	2
17	Enhanced Radial Basis Function Neural Network Design Using Parallel Evolutionary Algorithms. Communications in Computer and Information Science, 2009, , 269-280.	0.5	0
18	Designing Radial Basis Function Neural Networks with Meta-Evolutionary Algorithms: The Effect of Chromosome Codification. Lecture Notes in Computer Science, 2009, , 37-40.	1.3	0

#	Article	IF	Citations
19	Techniques of Engineering Applied to a Non-structured Data Model. Advances in Soft Computing, 2009, , 410-414.	0.4	0
20	Study of the Robustness of a Meta-Algorithm for the Estimation of Parameters in Artificial Neural Networks Design. , 2008, , .		1
21	Parameter Estimation for Radial Basis Function Neural Network Design by Means of Two Symbiotic Algorithms. , 2008, , .		0
22	Automatic Neural Net Design by Means of a Symbiotic Co-evolutionary Algorithm. Lecture Notes in Computer Science, 2008, , 140-147.	1.3	1
23	Multiobjective Optimization of Ensembles of Multilayer Perceptrons for Pattern Classification. Lecture Notes in Computer Science, 2006, , 453-462.	1.3	8
24	Finding a needle in a haystack using hints and evolutionary computation: the case of evolutionary MasterMind. Applied Soft Computing Journal, 2006, 6, 170-179.	7.2	17
25	Evolving RBF neural networks for time-series forecasting with EvRBF. Information Sciences, 2004, 165, 207-220.	6.9	88
26	Evolving two-dimensional fuzzy systems. Fuzzy Sets and Systems, 2003, 138, 381-398.	2.7	7
27	G-Prop: Global optimization of multilayer perceptrons using GAs. Neurocomputing, 2000, 35, 149-163.	5.9	125
28	Evolving Multilayer Perceptrons. Neural Processing Letters, 2000, 12, 115-128.	3.2	58
29	SA-prop: Optimization of multilayer perceptron parameters using simulated annealing. Lecture Notes in Computer Science, 1999, , 661-670.	1.3	14
30	A neural net-based model for decision making in marketing. Information and Organization, 1998, 8, 237-253.	1.5	2
31	G-Prop-II: global optimization of multilayer perceptrons using GAs. , 0, , .		7
32	A Symbiotic CHC Co-evolutionary Algorithm for Automatic RBF Neural Networks Design. Advances in Soft Computing, 0, , 663-671.	0.4	2