Leonardo Vanneschi

List of Publications by Year in Descending Order

193 papers	2,583 citations	26 h-index	43 g-index
207 ext. papers	3,060 ext. citations	3 avg, IF	5.51 L-index

#	Paper	IF	Citations
193	Towards a Vectorial Approach to Predict Beef Farm Performance. *Applied Sciences (Switzerland)*, **2022**, 12, 1137	2.6	
192	An Empirical Study of Progressive Insular Cooperative GP. *SN Computer Science*, **2022**, 3, 1	2	0
191	Automatic Identification of Addresses: A Systematic Literature Review. *ISPRS International Journal of Geo-Information*, **2022**, 11, 11	2.9	1
190	Few-Shot Learning for Post-Earthquake Urban Damage Detection. *Remote Sensing*, **2022**, 14, 40	5	1
189	Vectorial GP for Alzheimer's Disease Prediction Through Handwriting Analysis. *Lecture Notes in Computer Science*, **2022**, 517-530	0.9	
188	SLUG: Feature Selection Using Genetic Algorithms and Genetic Programming. *Lecture Notes in Computer Science*, **2022**, 68-84	0.9	1
187	Object detection for automatic cancer cell counting in zebrafish xenografts. *PLoS ONE*, **2021**, 16, e0260609	3.7	2
186	Structural similarity index (SSIM) revisited: A data-driven approach. *Expert Systems With Applications* , **2021**, 189, 116087	7.8	3
185	Improving Land Cover Classification Using Genetic Programming for Feature Construction. *Remote Sensing*, **2021**, 13, 1623	5	3
184	General Purpose Optimization Library (GPOL): A Flexible and Efficient Multi-Purpose Optimization Library in Python. *Applied Sciences (Switzerland)*, **2021**, 11, 4774	2.6	1
183	Genetic programming for stacked generalization. *Swarm and Evolutionary Computation*, **2021**, 65, 100913	9.8	1
182	Soft target and functional complexity reduction: A hybrid regularization method for genetic programming. *Expert Systems With Applications*, **2021**, 177, 114929	7.8	2
181	Towards the use of vector based GP to predict physiological time series. *Applied Soft Computing Journal*, **2020**, 89, 106097	7.5	4
180	Using Rapid Chlorophyll Fluorescence Transients to Classify Genotypes. *Plants*, **2020**, 9,	4.5	3
179	Predicting Days on Market to Optimize Real Estate Sales Strategy. *Complexity*, **2020**, 2020, 1-22	1.6	0
178	Unlabeled multi-target regression with genetic programming **2020**,		1
177	Is k Nearest Neighbours Regression Better Than GP?. *Lecture Notes in Computer Science*, **2020**, 244-261	0.9	

176	Regularization Techniques in Radiomics: A Case Study on the Prediction of pCR in Breast Tumours and the Axilla. *Lecture Notes in Computer Science*, **2020**, 271-281	0.9	
175	Investigating the Use of Geometric Semantic Operators in Vectorial Genetic Programming. *Lecture Notes in Computer Science*, **2020**, 52-67	0.9	
174	Machine learning techniques to predict the effectiveness of music therapy: A randomized controlled trial. *Computer Methods and Programs in Biomedicine*, **2020**, 185, 105160	6.9	5
173	Towards the use of genetic programming in the ecological modelling of mosquito population dynamics. *Genetic Programming and Evolvable Machines*, **2020**, 21, 629-642	2	4
172	A Machine Learning Approach to Predict Air Quality in California. *Complexity*, **2020**, 2020, 1-23	1.6	20
171	A Study of Generalization and Fitness Landscapes for Neuroevolution. *IEEE Access*, **2020**, 8, 108216-108234	3.9	3
170	Towards modelling beef cattle management with Genetic Programming. *Livestock Science*, **2020**, 241, 104205	1.7	2
169	Using artificial intelligence to overcome over-indebtedness and fight poverty. *Journal of Business Research*, **2020**, 131, 411-411	8.7	4
168	A Vectorial Approach to Genetic Programming. *Lecture Notes in Computer Science*, **2019**, 213-227	0.9	4
167	Genetic programming with semantic equivalence classes. *Swarm and Evolutionary Computation*, **2019**, 44, 453-469	9.8	7
166	. *IEEE Transactions on Evolutionary Computation*, **2019**, 23, 156-169	15.6	6
165	Supervised Learning: Classification **2019**, 342-349		5
164	Multilayer Perceptrons **2019**, 612-620		7
163	Delta Rule and Backpropagation **2019**, 621-633		1
162	A distance between populations for n-points crossover in genetic algorithms. *Swarm and Evolutionary Computation*, **2019**, 44, 636-645	9.8	2
161	Supporting Medical Decisions for Treating Rare Diseases Through Genetic Programming. *Lecture Notes in Computer Science*, **2019**, 187-203	0.9	4
160	Challenges and Promises of Radiomics for Rectal Cancer. *Current Colorectal Cancer Reports*, **2019**, 15, 175-180	1	3
159	Computational Intelligence for Life Sciences. *Fundamenta Informaticae*, **2019**, 171, 57-80	1	2

158	Evolving multidimensional transformations for symbolic regression with M3GP. *Memetic Computing* , **2019**, 11, 111-126	3.4	15
157	Alignment-based genetic programming for real life applications. *Swarm and Evolutionary Computation*, **2019**, 44, 840-851	9.8	6
156	Forecasting performance of regional innovation systems using semantic-based genetic programming with local search optimizer. *Computers and Operations Research*, **2019**, 106, 179-190	4.6	10
155	Multidimensional genetic programming for multiclass classification. *Swarm and Evolutionary Computation*, **2019**, 44, 260-272	9.8	26
154	A Parallel Multiobjective Metaheuristic for Multiple Sequence Alignment. *Journal of Computational Biology*, **2018**, 25, 1009-1022	1.7	2
153	An artificial intelligence system for predicting customer default in e-commerce. *Expert Systems With Applications*, **2018**, 104, 1-21	7.8	41
152	A Characteristic-Based Framework for Multiple Sequence Aligners. *IEEE Transactions on Cybernetics*, **2018**, 48, 41-51	10.2	9
151	Multiobjective characteristic-based framework for very-large multiple sequence alignment. *Applied Soft Computing Journal*, **2018**, 69, 719-736	7.5	0
150	A Multiple Expression Alignment Framework for Genetic Programming. *Lecture Notes in Computer Science*, **2018**, 166-183	0.9	
149	Evolving PSO algorithm design in vector fields using geometric semantic GP **2018**,		4
148	A multidimensional genetic programming approach for identifying epsistatic gene interactions **2018**,		2
147	Burned area estimations derived from Landsat ETM+ and OLI data: Comparing Genetic Programming with Maximum Likelihood and Classification and Regression Trees. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2018**, 142, 94-105	11.8	30
146	PSO-Based Search Rules for Aerial Swarms Against Unexplored Vector Fields via Genetic Programming. *Lecture Notes in Computer Science*, **2018**, 41-53	0.9	1
145	Pruning Techniques for Mixed Ensembles of Genetic Programming Models. *Lecture Notes in Computer Science*, **2018**, 52-67	0.9	4
144	A semi-supervised Genetic Programming method for dealing with noisy labels and hidden overfitting. *Swarm and Evolutionary Computation*, **2018**, 39, 323-338	9.8	9
143	Improved Fully Convolutional Network with Conditional Random Fields for Building Extraction. *Remote Sensing*, **2018**, 10, 1135	5	63
142	Accurate High Performance Concrete Prediction with an Alignment-Based Genetic Programming System. *International Journal of Concrete Structures and Materials*, **2018**, 12,	2.8	3
141	Local Search is Underused in Genetic Programming. *Genetic and Evolutionary Computation*, **2018**, 119-137	6.8	10

140	EDDA-V2 An Improvement of the Evolutionary Demes Despeciation Algorithm. *Lecture Notes in Computer Science*, **2018**, 185-196	0.9	2
139	Swarm intelligence for optimizing the parameters of multiple sequence aligners. *Swarm and Evolutionary Computation*, **2018**, 42, 16-28	9.8	4
138	Multi-objective genetic algorithm with variable neighbourhood search for the electoral redistricting problem. *Swarm and Evolutionary Computation*, **2017**, 36, 37-51	9.8	20
137	An expert system for extracting knowledge from customers reviews: The case of Amazon.com, Inc.. *Expert Systems With Applications*, **2017**, 84, 117-126	7.8	15
136	Genetic Programming Representations for Multi-dimensional Feature Learning in Biomedical Classification. *Lecture Notes in Computer Science*, **2017**, 158-173	0.9	7
135	PSXO **2017**,		2
134	Prediction of ships' position by analysing AIS data: an artificial intelligence approach. *International Journal of Web Engineering and Technology*, **2017**, 12, 253	0.3	1
133	Using biological knowledge for multiple sequence aligner decision making. *Information Sciences*, **2017**, 420, 278-298	7.7	1
132	Reducing Alignment Time Complexity of Ultra-Large Sets of Sequences. *Journal of Computational Biology*, **2017**, 24, 1144-1154	1.7	0
131	Geometric semantic genetic programming for biomedical applications: A state of the art upgrade **2017**,		1
130	A parallel and distributed semantic Genetic Programming system **2017**,		1
129	An initialization technique for geometric semantic GP based on demes evolution and despeciation **2017**,		6
128	The influence of population size in geometric semantic GP. *Swarm and Evolutionary Computation*, **2017**, 32, 110-120	9.8	5
127	An Introduction to Geometric Semantic Genetic Programming. *Studies in Computational Intelligence*, **2017**, 3-42	0.8	14
126	Stock index return forecasting: semantics-based genetic programming with local search optimiser. *International Journal of Bio-Inspired Computation*, **2017**, 10, 159	2.9	1
125	Prediction of relative position of CT slices using a computational intelligence system. *Applied Soft Computing Journal*, **2016**, 46, 537-542	7.5	8
124	Self-tuning geometric semantic Genetic Programming. *Genetic Programming and Evolvable Machines*, **2016**, 17, 55-74	2	12
123	Semantic genetic programming for fast and accurate data knowledge discovery. *Swarm and Evolutionary Computation*, **2016**, 26, 1-7	9.8	13

122	Multiclass Classification Through Multidimensional Clustering. *Genetic and Evolutionary Computation*, **2016**, 219-239	0.8	5
121	An Analysis of Geometric Semantic Crossover: A Computational Geometry Approach **2016**,		3
120	Controlling Individuals Growth in Semantic Genetic Programming through Elitist Replacement. *Computational Intelligence and Neuroscience*, **2016**, 2016, 8326760	3	2
119	A Comparison Between Representations for Evolving Images. *Lecture Notes in Computer Science*, **2016**, 163-185	0.9	2
118	Parameter evaluation of geometric semantic genetic programming in pharmacokinetics. *International Journal of Bio-Inspired Computation*, **2016**, 8, 42	2.9	10
117	Geometric Semantic Genetic Programming with Local Search **2015**,		21
116	How to Exploit Alignment in the Error Space: Two Different GP Models. *Genetic and Evolutionary Computation*, **2015**, 133-148	0.8	4
115	Forecasting short-term electricity consumption using a semantics-based genetic programming framework: The South Italy case. *Energy Economics*, **2015**, 47, 37-41	8.3	26
114	A C++ framework for geometric semantic genetic programming. *Genetic Programming and Evolvable Machines*, **2015**, 16, 73-81	2	65
113	Energy Consumption Forecasting Using Semantic-Based Genetic Programming with Local Search Optimizer. *Computational Intelligence and Neuroscience*, **2015**, 2015, 971908	3	12
112	Predicting Burned Areas of Forest Fires: an Artificial Intelligence Approach. *Fire Ecology*, **2015**, 11, 106-118	3.1	39
111	Prediction of energy performance of residential buildings: A genetic programming approach. *Energy and Buildings*, **2015**, 102, 67-74	7	75
110	Improving Maritime Awareness with Semantic Genetic Programming and Linear Scaling: Prediction of Vessels Position Based on AIS Data. *Lecture Notes in Computer Science*, **2015**, 732-744	0.9	3
109	A geometric semantic genetic programming system for the electoral redistricting problem. *Neurocomputing*, **2015**, 154, 200-207	5.4	8
108	Electricity Demand Modelling with Genetic Programming. *Lecture Notes in Computer Science*, **2015**, 213-225	0.9	
107	A survey of semantic methods in genetic programming. *Genetic Programming and Evolvable Machines*, **2014**, 15, 195-214	2	107
106	Corrections to "Semantic Search Based Genetic Programming and the Effect of Introns Deletion" [Jan 14 103-113]. *IEEE Transactions on Cybernetics*, **2014**, 44, 565-565	10.2	
105	Prediction of the Unified Parkinson's Disease Rating Scale assessment using a genetic programming system with geometric semantic genetic operators. *Expert Systems With Applications*, **2014**, 41, 4608-4616	7.8	42

104	Genetic algorithm with variable neighborhood search for the optimal allocation of goods in shop shelves. *Operations Research Letters*, **2014**, 42, 355-360	1	23
103	Improving genetic programming for the prediction of pharmacokinetic parameters. *Memetic Computing*, **2014**, 6, 255-262	3.4	7
102	Towards the Use of Genetic Programming for the Prediction of Survival in Cancer **2014**, 177-192		1
101	Geometric Selective Harmony Search. *Information Sciences*, **2014**, 279, 468-482	7.7	32
100	A study of search algorithms optimization speed. *Journal of Combinatorial Optimization*, **2014**, 27, 256-270	0.9	2
99	Semantic Search-Based Genetic Programming and the Effect of Intron Deletion. *IEEE Transactions on Cybernetics*, **2014**, 44, 103-13	10.2	41
98	Geometric Semantic Genetic Programming for Real Life Applications. *Genetic and Evolutionary Computation*, **2014**, 191-209	0.8	36
97	ESAGP A Semantic GP Framework Based on Alignment in the Error Space. *Lecture Notes in Computer Science*, **2014**, 150-161	0.9	10
96	A Multi-dimensional Genetic Programming Approach for Multi-class Classification Problems. *Lecture Notes in Computer Science*, **2014**, 48-60	0.9	16
95	Gene regulatory networks reconstruction from time series datasets using genetic programming: a comparison between tree-based and graph-based approaches. *Genetic Programming and Evolvable Machines*, **2013**, 14, 431-455	2	
94	A new genetic programming framework based on reaction systems. *Genetic Programming and Evolvable Machines*, **2013**, 14, 457-471	2	
93	A hybrid genetic algorithm for the repetition free longest common subsequence problem. *Operations Research Letters*, **2013**, 41, 644-649	1	10
92	Prediction of high performance concrete strength using Genetic Programming with geometric semantic genetic operators. *Expert Systems With Applications*, **2013**, 40, 6856-6862	7.8	77
91	An efficient implementation of geometric semantic genetic programming for anticoagulation level prediction in pharmacogenetics **2013**,		2
90	Land Cover/Land Use Multiclass Classification Using GP with Geometric Semantic Operators. *Lecture Notes in Computer Science*, **2013**, 334-343	0.9	6
89	Prediction of Forest Aboveground Biomass: An Exercise on Avoiding Overfitting. *Lecture Notes in Computer Science*, **2013**, 407-417	0.9	6
88	A New Implementation of Geometric Semantic GP and Its Application to Problems in Pharmacokinetics. *Lecture Notes in Computer Science*, **2013**, 205-216	0.9	64
87	An Efficient Implementation of Geometric Semantic Genetic Programming for Anticoagulation Level Prediction in Pharmacogenetics. *Lecture Notes in Computer Science*, **2013**, 78-89	0.9	11

86	A study of the neutrality of Boolean function landscapes in genetic programming. *Theoretical Computer Science*, **2012**, 425, 34-57	1.1	9
85	A distance between populations for one-point crossover in genetic algorithms. *Theoretical Computer Science*, **2012**, 429, 213-221	1.1	3
84	GeNet: A Graph-Based Genetic Programming Framework for the Reverse Engineering of Gene Regulatory Networks. *Lecture Notes in Computer Science*, **2012**, 97-109	0.9	2
83	Operator equalisation for bloat free genetic programming and a survey of bloat control methods. *Genetic Programming and Evolvable Machines*, **2012**, 13, 197-238	2	49
82	A study on learning robustness using asynchronous 1D cellular automata rules. *Natural Computing*, **2012**, 11, 289-302	1.3	5
81	Genetic programming needs better benchmarks **2012**,		145
80	Parameter tuning of evolutionary reactions systems **2012**,		4
79	Genetic Programming Introduction, Applications, Theory and Open Issues **2012**, 709-739		11
78	An Empirical Study of Parallel and Distributed Particle Swarm Optimization. *Studies in Computational Intelligence*, **2012**, 125-150	0.8	3
77	Bloat free genetic programming: application to human oral bioavailability prediction. *International Journal of Data Mining and Bioinformatics*, **2012**, 6, 585-601	0.5	7
76	Evolutionary Reaction Systems. *Lecture Notes in Computer Science*, **2012**, 13-25	0.9	3
75	Reconstructing Dynamic Target Functions by Means of Genetic Programming Using Variable Population Size. *Studies in Computational Intelligence*, **2011**, 121-134	0.8	
74	Hot topics in Evolutionary Computation. *Intelligenza Artificiale*, **2011**, 5, 5-17	0.7	5
73	A Comparative Study of Four Parallel and Distributed PSO Methods. *New Generation Computing*, **2011**, 29, 129-161	0.9	17
72	A comparison of machine learning techniques for survival prediction in breast cancer. *BioData Mining*, **2011**, 4, 12	4.3	34
71	The K landscapes **2011**,		15
70	The effect of selection from old populations in genetic algorithms **2011**,		1
69	A New Evolutionary Gene Regulatory Network Reverse Engineering Tool. *Lecture Notes in Computer Science*, **2011**, 13-24	0.9	2

68	How Far Is It from Here to There? A Distance That Is Coherent with GP Operators. *Lecture Notes in Computer Science*, **2011**, 190-202	0.9	6
67	An Empirical Study of Functional Complexity as an Indicator of Overfitting in Genetic Programming. *Lecture Notes in Computer Science*, **2011**, 262-273	0.9	9
66	A Quantitative Study of Learning and Generalization in Genetic Programming. *Lecture Notes in Computer Science*, **2011**, 25-36	0.9	14
65	A Method to Reuse Old Populations in Genetic Algorithms. *Lecture Notes in Computer Science*, **2011**, 138-152	0.9	1
64	Multi Objective Genetic Programming for Feature Construction in Classification Problems. *Lecture Notes in Computer Science*, **2011**, 503-506	0.9	
63	The Importance of Being Flat—Studying the Program Length Distributions of Operator Equalisation. *Genetic and Evolutionary Computation*, **2011**, 211-233	0.8	5
62	Measuring bloat, overfitting and functional complexity in genetic programming **2010**,		68
61	A study of parallel and distributed particle swarm optimization methods **2010**,		6
60	On the use of genetic programming for the prediction of survival in cancer **2010**,		1
59	An empirical comparison of parallel and distributed particle swarm optimization methods **2010**,		12
58	A Study on the Automatic Generation of Asynchronous Cellular Automata Rules by Means of Genetic Algorithms. *Lecture Notes in Computer Science*, **2010**, 429-438	0.9	3
57	A comparison of the generalization ability of different genetic programming frameworks **2010**,		11
56	Evolutionary Computation: A Brief Overview **2010**, 3-15		
55	Theoretical results in genetic programming: the next ten years?. *Genetic Programming and Evolvable Machines*, **2010**, 11, 285-320	2	41
54	Open issues in genetic programming. *Genetic Programming and Evolvable Machines*, **2010**, 11, 339-363	2	143
53	Genetic programming for QSAR investigation of docking energy. *Applied Soft Computing Journal*, **2010**, 10, 170-182	7.5	14
52	Genetic programming for anticancer therapeutic response prediction using the NCI-60 dataset. *Computers and Operations Research*, **2010**, 37, 1395-1405	4.6	8
51	Identification of Individualized Feature Combinations for Survival Prediction in Breast Cancer: A Comparison of Machine Learning Techniques. *Lecture Notes in Computer Science*, **2010**, 110-121	0.9	4

50	State-of-the-Art Genetic Programming for Predicting Human Oral Bioavailability of Drugs. *Advances in Intelligent and Soft Computing*, **2010**, 165-173		7
49	Genetic Algorithms for Training Data and Polynomial Optimization in Colorimetric Characterization of Scanners. *Lecture Notes in Computer Science*, **2010**, 282-291	0.9	1
48	Empirical modeling for colorimetric characterization of digital cameras **2009**,		2
47	Classification of Oncologic Data with Genetic Programming. *Journal of Artificial Evolution and Applications*, **2009**, 2009, 1-13		3
46	Operator equalisation, bloat and overfitting **2009**,		21
45	Variable size population for dynamic optimization with genetic programming **2009**,		5
44	Using crossover based similarity measure to improve genetic programming generalization ability **2009**,		13
43	Limitations of the fitness-proportional negative slope coefficient as a difficulty measure **2009**,		6
42	NK Landscapes Difficulty and Negative Slope Coefficient: How Sampling Influences the Results. *Lecture Notes in Computer Science*, **2009**, 645-654	0.9	2
41	A Comparison of Genetic Algorithms and Particle Swarm Optimization for Parameter Estimation in Stochastic Biochemical Systems. *Lecture Notes in Computer Science*, **2009**, 116-127	0.9	20
40	Using Operator Equalisation for Prediction of Drug Toxicity with Genetic Programming. *Lecture Notes in Computer Science*, **2009**, 65-76	0.9	9
39	Crossover-Based Tree Distance in Genetic Programming. *IEEE Transactions on Evolutionary Computation*, **2008**, 12, 506-524	15.6	19
38	The impact of population size on code growth in GP **2008**,		17
37	Elitism reduces bloat in genetic programming **2008**,		13
36	Negative Slope Coefficient and the Difficulty of Random 3-SAT Instances. *Lecture Notes in Computer Science*, **2008**, 643-648	0.9	1
35	An Evolutionary Framework for Colorimetric Characterization of Scanners. *Lecture Notes in Computer Science*, **2008**, 245-254	0.9	2
34	A Critical Assessment of Some Variants of Particle Swarm Optimization. *Lecture Notes in Computer Science*, **2008**, 565-574	0.9	5
33	A Study of Some Implications of the No Free Lunch Theorem. *Lecture Notes in Computer Science*, **2008**, 633-642	0.9	2

32	GP Generation of Pedestrian Behavioral Rules in an Evacuation Model Based on SCA. *Lecture Notes in Computer Science*, **2008**, 409-416	0.9	1
31	Investigating Problem Hardness of Real Life Applications **2008**, 107-124		6
30	A Comprehensive View of Fitness Landscapes with Neutrality and Fitness Clouds. *Lecture Notes in Computer Science*, **2007**, 241-250	0.9	14
29	Genetic programming for computational pharmacokinetics in drug discovery and development. *Genetic Programming and Evolvable Machines*, **2007**, 8, 413-432	2	55
28	Multi-optimization improves genetic programming generalization ability **2007**,		7
27	Fitness-proportional negative slope coefficient as a hardness measure for genetic algorithms **2007**,		20
26	Genetic Programming and Other Machine Learning Approaches to Predict Median Oral Lethal Dose (LD50) and Plasma Protein Binding Levels (%PPB) of Drugs **2007**, 11-23		4
25	Heterogeneous cooperative coevolution **2006**,		11
24	A quantitative study of neutrality in GP boolean landscapes **2006**,		9
23	Genetic programming for human oral bioavailability of drugs **2006**,		30
22	Classifying and Counting Vehicles in Traffic Control Applications. *Lecture Notes in Computer Science*, **2006**, 495-499	0.9	1
21	Automatic Detection of GoBased Patterns in CA Model of Vegetable Populations: Experiments on Geta Pattern Recognition. *Lecture Notes in Computer Science*, **2006**, 427-435	0.9	1
20	Emergent Spatial Patterns in Vegetable Population Dynamics: Towards Pattern Detection and Interpretation. *Lecture Notes in Computer Science*, **2006**, 289-296	0.9	
19	Negative Slope Coefficient: A Measure to Characterize Genetic Programming Fitness Landscapes. *Lecture Notes in Computer Science*, **2006**, 178-189	0.9	30
18	Using Subtree Crossover Distance to Investigate Genetic Programming Dynamics. *Lecture Notes in Computer Science*, **2006**, 238-249	0.9	7
17	Dynamic Size Populations in Distributed Genetic Programming. *Lecture Notes in Computer Science*, **2005**, 50-61	0.9	10
16	Parallel Genetic Programming **2005**, 127-153		4
15	Operator-Based Distance for Genetic Programming: Subtree Crossover Distance. *Lecture Notes in Computer Science*, **2005**, 178-189	0.9	11

14	A study of fitness distance correlation as a difficulty measure in genetic programming. *Evolutionary Computation*, **2005**, 13, 213-39	4.3	94
13	A Survey of Problem Difficulty in Genetic Programming. *Lecture Notes in Computer Science*, **2005**, 66-77	0.9	2
12	A Study of Diversity in Multipopulation Genetic Programming. *Lecture Notes in Computer Science*, **2004**, 243-255	0.9	13
11	Fitness Clouds and Problem Hardness in Genetic Programming. *Lecture Notes in Computer Science*, **2004**, 690-701	0.9	35
10	An Empirical Study of Multipopulation Genetic Programming. *Genetic Programming and Evolvable Machines*, **2003**, 4, 21-51	2	88
9	The Effect of Plagues in Genetic Programming: A Study of Variable-Size Populations. *Lecture Notes in Computer Science*, **2003**, 317-326	0.9	20
8	Fitness Distance Correlation in Structural Mutation Genetic Programming. *Lecture Notes in Computer Science*, **2003**, 455-464	0.9	23
7	Difficulty of Unimodal and Multimodal Landscapes in Genetic Programming. *Lecture Notes in Computer Science*, **2003**, 1788-1799	0.9	8
6	Diversity in Multipopulation Genetic Programming. *Lecture Notes in Computer Science*, **2003**, 1812-1813	0.9	3
5	Limiting the Number of Fitness Cases in Genetic Programming Using Statistics. *Lecture Notes in Computer Science*, **2002**, 371-380	0.9	17
4	Experimental Investigation of Three Distributed Genetic Programming Models. *Lecture Notes in Computer Science*, **2002**, 641-650	0.9	3
3	Studying the Influence of Communication Topology and Migration on Distributed Genetic Programming. *Lecture Notes in Computer Science*, **2001**, 51-63	0.9	9
2	A Distributed Computing Environment for Genetic Programming Using MPI. *Lecture Notes in Computer Science*, **2000**, 322-329	0.9	6
1	Evolutionary Algorithms in Problem Solving and Machine Learning124-137		