

Peter Rockett

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Constant optimization and feature standardization in multiobjective genetic programming. Genetic Programming and Evolvable Machines, 2022, 23, 37-69.	1.5	3
2	Influence of background preprocessing on the performance of deep learning retinal vessel detection. Journal of Medical Imaging, 2021, 8, 064001.	0.8	0
3	Model predictive control of non-domestic heating using genetic programming dynamic models. Applied Soft Computing Journal, 2020, 97, 106695.	4.1	8
4	Pruning of genetic programming trees using permutation tests. Evolutionary Intelligence, 2020, 13, 649-661.	2.3	7
5	GPML: an XML-based standard for the interchange of genetic programming trees. Genetic Programming and Evolvable Machines, 2020, 21, 605-627.	1.5	4
6	Comparison of semantic-based local search methods for multiobjective genetic programming. Genetic Programming and Evolvable Machines, 2018, 19, 535-563.	1.5	7
7	Model-predictive control for non-domestic buildings: a critical review and prospects. Building Research and Information, 2017, 45, 556-571.	2.0	45
8	The use of vicinal-risk minimization for training decision trees. Applied Soft Computing Journal, 2015, 31, 185-195.	4.1	9
9	Tikhonov Regularization as a Complexity Measure in Multiobjective Genetic Programming. IEEE Transactions on Evolutionary Computation, 2015, 19, 157-166.	7.5	22
10	Training genetic programming classifiers by vicinal-risk minimization. Genetic Programming and Evolvable Machines, 2015, 16, 3-25.	1.5	5
11	Multi-class pattern classification using single, multi-dimensional feature-space feature extraction evolved by multi-objective genetic programming and its application to network intrusion detection. Genetic Programming and Evolvable Machines, 2012, 13, 33-63.	1.5	18
12	A generic optimising feature extraction method using multiobjective genetic programming. Applied Soft Computing Journal, 2011, 11, 1087-1097.	4.1	33
13	Domain-independent feature extraction for multi-classification using multi-objective genetic programming. Pattern Analysis and Applications, 2010, 13, 273-288.	3.1	10
14	The influence of mutation on population dynamics in multiobjective genetic programming. Genetic Programming and Evolvable Machines, 2010, 11, 5-33.	1.5	12
15	Integrating Categorical Variables with Multiobjective Genetic Programming for Classifier Construction. Lecture Notes in Computer Science, 2008, , 301-311.	1.0	2
16	A Comparison of three evolutionary strategies for multiobjective genetic programming. Artificial Intelligence Review, 2007, 27, 149-163.	9.7	11
17	Improved Sampling of the Pareto-Front in Multiobjective Genetic Optimizations by Steady-State Evolution: A Pareto Converging Genetic Algorithm. Evolutionary Computation, 2002, 10, 283-314.	2.3	119
18	Triplet geometric representation: a novel scale, translation and rotation invariant feature representation based on geometric constraints for recognition of 2D object features. Image and Vision Computing, 1997, 15, 235-249.	2.7	7