

# Peter Rockett

## List of Publications by Year in descending order

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papers

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