Qi Chen

List of Publications by Year
in descending order

35	618	1040056	888059
papers	citations	9	17
		h-index	g-index

37	37	37	329
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A survey on evolutionary machine learning. Journal of the Royal Society of New Zealand, 2019, 49, 205-228.	1.9	159
2	Feature Selection to Improve Generalization of Genetic Programming for High-Dimensional Symbolic Regression. IEEE Transactions on Evolutionary Computation, 2017, 21, 792-806.	10.0	97
3	Improving Generalization of Genetic Programming for Symbolic Regression With Angle-Driven Geometric Semantic Operators. IEEE Transactions on Evolutionary Computation, 2019, 23, 488-502.	10.0	33
4	A new imputation method based on genetic programming and weighted KNN for symbolic regression with incomplete data. Soft Computing, 2021, 25, 5993-6012.	3.6	31
5	Structural Risk Minimization-Driven Genetic Programming for Enhancing Generalization in Symbolic Regression. IEEE Transactions on Evolutionary Computation, 2019, 23, 703-717.	10.0	26
6	Generalisation and domain adaptation in GP with gradient descent for symbolic regression. , 2015, , .		24
7	Improving Generalisation of Genetic Programming for Symbolic Regression with Structural Risk Minimisation. , 2016, , .		23
8	Improving generalisation of genetic programming for high-dimensional symbolic regression with feature selection. , 2016, , .		20
9	A Hybrid GP-KNN Imputation for Symbolic Regression with Missing Values. Lecture Notes in Computer Science, 2018, , 345-357.	1.3	19
10	Rademacher Complexity for Enhancing the Generalization of Genetic Programming for Symbolic Regression. IEEE Transactions on Cybernetics, 2022, 52, 2382-2395.	9.5	18
11	Genetic Programming for Instance Transfer Learning in Symbolic Regression. IEEE Transactions on Cybernetics, 2022, 52, 25-38.	9.5	15
12	Instance based Transfer Learning for Genetic Programming for Symbolic Regression. , 2019, , .		12
13	Genetic Programming with Rademacher Complexity for Symbolic Regression. , 2019, , .		12
14	Multitree Genetic Programming With New Operators for Transfer Learning in Symbolic Regression With Incomplete Data. IEEE Transactions on Evolutionary Computation, 2021, 25, 1049-1063.	10.0	12
15	Multi-tree genetic programming for feature construction-based domain adaptation in symbolic regression with incomplete data. , 2020, , .		12
16	Preserving Population Diversity Based on Transformed Semantics in Genetic Programming for Symbolic Regression. IEEE Transactions on Evolutionary Computation, 2021, 25, 433-447.	10.0	9
17	Hessian Complexity Measure for Genetic Programming-Based Imputation Predictor Selection in Symbolic Regression with Incomplete Data. Lecture Notes in Computer Science, 2020, , 1-17.	1.3	9
18	Geometric Semantic Crossover with an Angle-Aware Mating Scheme in Genetic Programming for Symbolic Regression. Lecture Notes in Computer Science, 2017, , 229-245.	1.3	8

#	Article	IF	Citations
19	Improving symbolic regression based on correlation between residuals and variables. , 2020, , .		8
20	Differential evolution for instance based transfer learning in genetic programming for symbolic regression. , 2019, , .		7
21	Genetic Programming with Noise Sensitivity for Imputation Predictor Selection in Symbolic Regression with Incomplete Data. , 2020, , .		7
22	Multi-Tree Genetic Programming-based Transformation for Transfer Learning in Symbolic Regression with Highly Incomplete Data. , 2020, , .		7
23	Adaptive weighted splines. , 2020, , .		7
24	Genetic Programming for Imputation Predictor Selection and Ranking in Symbolic Regression with High-Dimensional Incomplete Data. Lecture Notes in Computer Science, 2019, , 523-535.	1.3	7
25	Genetic Programming with Embedded Feature Construction for High-Dimensional Symbolic Regression. Proceedings in Adaptation, Learning and Optimization, 2017, , 87-102.	1.6	6
26	Genetic Programming-Based Simultaneous Feature Selection and Imputation for Symbolic Regression with Incomplete Data. Lecture Notes in Computer Science, 2020, , 566-579.	1.3	6
27	A Genetic Programming-based Wrapper Imputation Method for Symbolic Regression with Incomplete Data. , 2019, , .		5
28	GP with a Hybrid Tree-vector Representation for Instance Selection and Symbolic Regression on Incomplete Data. , 2021, , .		4
29	Geometric Semantic Genetic Programming with Perpendicular Crossover and Random Segment Mutation for Symbolic Regression. Lecture Notes in Computer Science, 2017, , 422-434.	1.3	3
30	GP-based Feature Selection and Weighted KNN-based Instance Selection for Symbolic Regression with Incomplete Data. , 2020, , .		3
31	Generalisation in Genetic Programming for Symbolic Regression: Challenges and Future Directions. Women in Engineering and Science, 2022, , 281-302.	0.4	3
32	Genetic Algorithm for Feature and Latent Variable Selection for Nutrient Assessment in Horticultural Products. , 2021, , .		2
33	Particle Swarm Optimisation for Analysing Time-Dependent Photoluminescence Data. , 2021, , .		2
34	Multi-objective genetic programming for symbolic regression with the adaptive weighted splines representation. , 2021, , .		1
35	Data Imputation for Symbolic Regression with Missing Values: A Comparative Study. , 2020, , .		1