Kwong Sak Leung

List of Publications by Year
in descending order

29 papers	849 citations	777949 13 h-index	1051228 16 g-index
29 all docs	29 docs citations	29 times ranked	924 citing authors

#	Article	IF	Citations
1	Improving bulk RNA-seq classification by transferring gene signature from single cells in acute myeloid leukemia. Briefings in Bioinformatics, 2022, 23, .	3.2	18
2	Predicting associations among drugs, targets and diseases by tensor decomposition for drug repositioning. BMC Bioinformatics, 2019, 20, 628.	1.2	20
3	Drug-Protein-Disease Association Prediction and Drug Repositioning Based on Tensor Decomposition. , 2018, , .		12
4	Multi-objective Multiple Quadcopter Path Planning in Urban City. , 2018, , .		1
5	A Survey of Wireless Sensor Network Based Air Pollution Monitoring Systems. Sensors, 2015, 15, 31392-31427.	2.1	246
6	A novel web-based system for tropical cyclone analysis and prediction. International Journal of Geographical Information Science, 2012, 26, 75-97.	2.2	8
7	A generalized sequence pattern matching algorithm using complementary dual-seeding. , 2010, , .		1
8	Applying Genetic Parallel Programming to Synthesize Combinational Logic Circuits. IEEE Transactions on Evolutionary Computation, 2007, 11, 503-520.	7.5	18
9	Condition Matrix Based Genetic Programming for Rule Learning. , 2006, , .		1
10	Using Cooperative Coevolution for Data Mining of Bayesian Networks. , 2005, , 153-175.		0
11	Data mining of Bayesian networks using cooperative coevolution. Decision Support Systems, 2004, 38, 451-472.	3.5	38
12	An Efficient Data Mining Method for Learning Bayesian Networks Using an Evolutionary Algorithm-Based Hybrid Approach. IEEE Transactions on Evolutionary Computation, 2004, 8, 378-404.	7.5	84
13	A new gradient-based neural network for solving linear and quadratic programming problems. IEEE Transactions on Neural Networks, 2001, 12, 1074-1083.	4.8	52
14	Discovering knowledge from noisy databases using genetic programming. Journal of the Association for Information Science and Technology, 2000, 51, 870-881.	1.2	6
15	Discovering knowledge from medical databases using evolutionory algorithms. IEEE Engineering in Medicine and Biology Magazine, 2000, 19, 45-55.	1.1	40
16	Medical data mining using evolutionary computation. Artificial Intelligence in Medicine, 1999, 16, 73-96.	3.8	41
17	Using evolutionary programming and minimum description length principle for data mining of Bayesian networks. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1999, 21, 174-178.	9.7	91
18	Evolutionary Program Induction Directed by Logic Grammars. Evolutionary Computation, 1997, 5, 143-180.	2.3	35

#	Article	IF	Citations
19	Inducing logic programs with genetic algorithms: the Genetic Logic Programming System. IEEE Intelligent Systems, 1995, 10, 68-76.	1.1	31
20	An intelligent expert system shell for knowledge-based Geographical Information Systems: 1. The tools. International Journal of Geographical Information Science, 1993, 7, 189-199.	2.2	35
21	An intelligent expert system shell for knowledge-based Geographical Information Systems: 2. Some applications. International Journal of Geographical Information Science, 1993, 7, 201-213.	2.2	17
22	Applying logic grammars to induce sub-functions in genetic programming. , 0, , .		19
23	An induction system that learns programs in different programming languages using genetic programming and logic grammars. , 0, , .		12
24	Combining genetic programming and inductive logic programming using logic grammars. , 0, , .		9
25	Applying evolutionary algorithms to discover knowledge from medical databases. , 0, , .		1
26	Evolving parallel machine programs for a multi-ALU processor. , 0, , .		3
27	A hybrid approach to discover Bayesian networks from databases using evolutionary programming. , 0, , .		10
28	An evolutionary multi-agent system for object recognition in satellite images. , 0, , .		0
29	Applying sample weighting methods to genetic parallel programming. , 0, , .		0