Wojciech Kwedlo

List of Publications by Year
in descending order

16 papers	247 citations	1307594 7 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	229 citing authors

#	Article	IF	Citations
1	A clustering method combining differential evolution with the K-means algorithm. Pattern Recognition Letters, 2011, 32, 1613-1621.	4.2	128
2	A Hybrid MPI/OpenMP Parallelization of K -Means Algorithms Accelerated Using the Triangle Inequality. IEEE Access, 2019, 7, 42280-42297.	4.2	22
3	A Lamarckian Hybrid of Differential Evolution and Conjugate Gradients for Neural Network Training. Neural Processing Letters, 2010, 32, 31-44.	3.2	18
4	Using Genetic Algorithm for Selection of Initial Cluster Centers for the K-Means Method. Lecture Notes in Computer Science, 2010, , 165-172.	1.3	18
5	A new random approach for initialization of the multiple restart EM algorithm for Gaussian model-based clustering. Pattern Analysis and Applications, 2015, 18, 757-770.	4.6	14
6	A Parallel EM Algorithm for Gaussian Mixture Models Implemented on a NUMA System Using OpenMP. , 2014, , .		10
7	A New Method for Random Initialization of the EM Algorithm for Multivariate Gaussian Mixture Learning. Advances in Intelligent Systems and Computing, 2013, , 81-90.	0.6	8
8	Integration of solutions and services for multi-omics data analysis towards personalized medicine. Biocybernetics and Biomedical Engineering, 2021, 41, 1646-1663.	5.9	7
9	Erythropoietin Enhances the Cytotoxic Effect of Hydrogen Peroxide on Colon Cancer Cells. Current Pharmaceutical Biotechnology, 2017, 18, 127-137.	1.6	6
10	A hybrid steady-state evolutionary algorithm using random swaps for Gaussian model-based clustering. Expert Systems With Applications, 2022, 208, 118159.	7.6	4
11	Accelerated K-Means Algorithms for Low-Dimensional Data on Parallel Shared-Memory Systems. IEEE Access, 2021, 9, 74286-74301.	4.2	3
12	Two Modifications of Yinyang K-means Algorithm. Lecture Notes in Computer Science, 2017, , 94-103.	1.3	3
13	A Parallel Evolutionary Algorithm for Discovery of Decision Rules. Lecture Notes in Computer Science, 2004, , 580-585.	1.3	2
14	An OpenMP Parallelization of the K-means Algorithm Accelerated Using KD-trees. Lecture Notes in Computer Science, 2020, , 457-466.	1.3	2
15	Parallelizing Evolutionary Algorithms for Clustering Data. Lecture Notes in Computer Science, 2006, , 430-438.	1.3	1
16	Using a Genetic Algorithm for Selection of Starting Conditions for the EM Algorithm for Gaussian Mixture Models. Advances in Intelligent Systems and Computing, 2016, , 125-134.	0.6	1