Liang Bai

List of Publications by Year
in descending order

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29 papers	1,128 citations	393982 19 h-index	476904 29 g-index
29 all docs	29 docs citations	29 times ranked	920 citing authors

#	Article	IF	Citations
1	Self-Constrained Spectral Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 5126-5138.	9.7	4
2	Incomplete multi-view clustering via local and global co-regularization. Science China Information Sciences, 2022, 65, .	2.7	1
3	Semi-Supervised Clustering With Constraints of Different Types From Multiple Information Sources. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 3247-3258.	9.7	25
4	k-Mnv-Rep: A k-type clustering algorithm for matrix-object data. Information Sciences, 2021, 542, 40-57.	4.0	4
5	Combining attribute content and label information for categorical data ensemble clustering. Applied Mathematics and Computation, 2020, 381, 125280.	1.4	2
6	New label propagation algorithm with pairwise constraints. Pattern Recognition, 2020, 106, 107411.	5.1	11
7	A multiple k-means clustering ensemble algorithm to find nonlinearly separable clusters. Information Fusion, 2020, 61, 36-47.	11.7	55
8	An Algorithm for Clustering Categorical Data With Set-Valued Features. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 4593-4606.	7.2	21
9	A novel community detection algorithm based on simplification of complex networks. Knowledge-Based Systems, 2018, 143, 58-64.	4.0	24
10	An ensemble clusterer of multiple fuzzy k-means clusterings to recognize arbitrarily shaped clusters. IEEE Transactions on Fuzzy Systems, 2018, , 1-1.	6.5	17
11	An Information-Theoretical Framework for Cluster Ensemble. IEEE Transactions on Knowledge and Data Engineering, 2018, , 1-1.	4.0	10
12	Fast graph clustering with a new description model for community detection. Information Sciences, 2017, 388-389, 37-47.	4.0	52
13	Fast density clustering strategies based on the k-means algorithm. Pattern Recognition, 2017, 71, 375-386.	5.1	132
14	An Optimization Model for Clustering Categorical Data Streams with Drifting Concepts. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2871-2883.	4.0	12
15	Space Structure and Clustering of Categorical Data. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2047-2059.	7.2	62
16	Observation noise modeling based particle filter: An efficient algorithm for target tracking in glint noise environment. Neurocomputing, 2015, 158, 155-166.	3.5	19
17	Cluster validity functions for categorical data: a solution-space perspective. Data Mining and Knowledge Discovery, 2015, 29, 1560-1597.	2.4	9
18	The k-modes type clustering plus between-cluster information for categorical data. Neurocomputing, 2014, 133, 111-121.	3.5	23

#	Article	IF	Citations
19	Trend analysis of categorical data streams with a concept change method. Information Sciences, 2014, 276, 160-173.	4.0	15
20	Fast global k-means clustering based on local geometrical information. Information Sciences, 2013, 245, 168-180.	4.0	34
21	A novel fuzzy clustering algorithm with between-cluster information for categorical data. Fuzzy Sets and Systems, 2013, 215, 55-73.	1.6	35
22	The impact of cluster representatives on the convergence of the K-modes type clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 1509-1522.	9.7	26
23	The K-Means-Type Algorithms Versus Imbalanced Data Distributions. IEEE Transactions on Fuzzy Systems, 2012, 20, 728-745.	6.5	83
24	A cluster centers initialization method for clustering categorical data. Expert Systems With Applications, 2012, 39, 8022-8029.	4.4	54
25	A dissimilarity measure for the k-Modes clustering algorithm. Knowledge-Based Systems, 2012, 26, 120-127.	4.0	91
26	A novel attribute weighting algorithm for clustering high-dimensional categorical data. Pattern Recognition, 2011, 44, 2843-2861.	5.1	75
27	An initialization method to simultaneously find initial cluster centers and the number of clusters for clustering categorical data. Knowledge-Based Systems, 2011, 24, 785-795.	4.0	63
28	A Framework for Clustering Categorical Time-Evolving Data. IEEE Transactions on Fuzzy Systems, 2010, 18, 872-882.	6.5	47
29	A new initialization method for categorical data clustering. Expert Systems With Applications, 2009, 36, 10223-10228.	4.4	122