Lizhen Wang

List of Publications by Year
in descending order

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87	867	623734	552781
papers	citations	14 h-index	26 g-index

102	102	102	148
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spatial Colocation Pattern Discovery Incorporating Fuzzy Theory. IEEE Transactions on Fuzzy Systems, 2022, 30, 2055-2072.	9.8	13
2	SCPM-CR: A Novel Method for Spatial Co-Location Pattern Mining With Coupling Relation Consideration. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 5979-5992.	5.7	9
3	A spatial co-location pattern mining approach based on column calculation. Scientia Sinica Informationis, 2022, 52, 1053.	0.4	2
4	Mining Non-Redundant Co-Location Patterns. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6613-6626.	11.3	6
5	Efficiently mining spatial co-location patterns utilizing fuzzy grid cliques. Information Sciences, 2022, 592, 361-388.	6.9	10
6	Outlier Reconstruction of NDVI for Vegetation-Cover Dynamic Analyses. Applied Sciences (Switzerland), 2022, 12, 4412.	2.5	1
7	A Spatial Fuzzy Co-Location Pattern Mining Method Based on Interval Type-2 Fuzzy Sets. Applied Sciences (Switzerland), 2022, 12, 6259.	2.5	0
8	A maximal ordered ego-clique based approach for prevalent co-location pattern mining. Information Sciences, 2022, 608, 630-654.	6.9	6
9	Mining spatial high-average utility co-location patterns from spatial data sets. Intelligent Data Analysis, 2022, 26, 911-931.	0.9	1
10	NRCP-Miner: Towards the Discovery of Non-redundant Co-location Patterns. Lecture Notes in Computer Science, 2021, , 608-611.	1.3	1
11	Efficient discovery of co-location patterns from massive spatial datasets with or without rare features. Knowledge and Information Systems, 2021, 63, 1365-1395.	3.2	6
12	Deep Multiple Auto-Encoder-Based Multi-view Clustering. Data Science and Engineering, 2021, 6, 323-338.	6.4	34
13	MCHT: A maximal clique and hash table-based maximal prevalent co-location pattern mining algorithm. Expert Systems With Applications, 2021, 175, 114830.	7.6	22
14	An Optimized Clustering Algorithm for Contour Data. Frontiers in Artificial Intelligence and Applications, 2021, , .	0.3	0
15	High Influencing Pattern Discovery over Time Series Data. ISPRS International Journal of Geo-Information, 2021, 10, 696.	2.9	0
16	A Novel Method for Mining Fuzzy Co-Location Patterns. Frontiers in Artificial Intelligence and Applications, 2021, , .	0.3	0
17	Parallel Co-location Pattern Mining based on Neighbor-Dependency Partition and Column Calculation. , 2021, , .		5
18	ESPM: Efficient Spatial Pattern Matching. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1227-1233.	5.7	6

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19	Mining high influence co-location patterns from instances with attributes. Evolutionary Intelligence, 2020, 13, 197-210.	3.6	1
20	A MapReduce approach for spatial co-location pattern mining via ordered-clique-growth. Distributed and Parallel Databases, 2020, 38, 531-560.	1.6	14
21	An efficient architecture for medical high-resolution images transmission in mobile telemedicine systems. Computer Methods and Programs in Biomedicine, 2020, 187, 105088.	4.7	7
22	ESPM: Efficient Spatial Pattern Matching (Extended Abstract). , 2020, , .		0
23	Mining traffic congestion propagation patterns based on spatio-temporal co-location patterns. Evolutionary Intelligence, 2020, 13, 221-233.	3.6	5
24	Delaunay triangulationâ€based spatial colocation pattern mining without distance thresholds. Statistical Analysis and Data Mining, 2020, 13, 282-304.	2.8	8
25	The Coupling Co-Location Pattern: A New Spatial Pattern for Spatial Data Sets. Frontiers in Artificial Intelligence and Applications, 2020, , .	0.3	0
26	Prevalent Co-Visiting Patterns Mining from Location-Based Social Networks. , 2019, , .		4
27	An Effective Approach on Mining Co-Location Patterns from Spatial Databases with Rare Features. , 2019, , .		3
28	Mining Spatial Co-Location Patterns Based on Overlap Maximal Clique Partitioning. , 2019, , .		8
29	Mining Significant Co-Location Patterns From Spatial Regional Objects. , 2019, , .		1
30	Mining Prevalent Co-Location Patterns Based on Global Topological Relations. , 2019, , .		2
31	POI Representation Learning by a Hybrid Model. , 2019, , .		3
32	A clique-based approach for co-location pattern mining. Information Sciences, 2019, 490, 244-264.	6.9	49
33	Mining maximal sub-prevalent co-location patterns. World Wide Web, 2019, 22, 1971-1997.	4.0	18
34	Mining Spatial Co-location Patterns by the Fuzzy Technology. , 2019, , .		3
35	Vector-Degree: A General Similarity Measure for Co-location Patterns. , 2019, , .		1
36	A Spatial Co-location Pattern Mining Algorithm Without Distance Thresholds. , 2019, , .		2

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37	Discovering High Influence Co-location Patterns from Spatial Data Sets. , 2019, , .		2
38	A tensor framework for geosensor data forecasting of significant societal events. Pattern Recognition, 2019, 88, 27-37.	8.1	9
39	Effective lossless condensed representation and discovery of spatial co-location patterns. Information Sciences, 2018, 436-437, 197-213.	6.9	43
40	Mining strong symbiotic patterns hidden in spatial prevalent co-location patterns. Knowledge-Based Systems, 2018, 146, 190-202.	7.1	14
41	Redundancy Reduction for Prevalent Co-Location Patterns. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 142-155.	5.7	68
42	A Co-Location-Based Approach for Business Site Selection Using Ontologies. , 2018, , .		0
43	A Business Site Selection System Using Co-Locations and Ontologies. , 2018, , .		0
44	Interactive Probabilistic Post-Mining of User-Preferred Spatial Co-Location Patterns. , 2018, , .		16
45	Redundancy Reduction for Prevalent Co-Location Patterns. , 2018, , .		1
46	A Parallel Spatial Co-location Pattern Mining Approach Based on Ordered Clique Growth. Lecture Notes in Computer Science, 2018, , 734-742.	1.3	9
47	TSRS: Trip Service Recommended System Based on Summarized Co-location Patterns. Lecture Notes in Computer Science, 2018, , 451-455.	1.3	7
48	Spatial Co-location Pattern Mining Based on Density Peaks Clustering and Fuzzy Theory. Lecture Notes in Computer Science, 2018, , 298-305.	1.3	7
49	Discovering Congestion Propagation Patterns by Co-location Pattern Mining. Lecture Notes in Computer Science, 2018, , 46-55.	1.3	2
50	UMine: Study on Prevalent Co-locations Mining from Uncertain Data Sets. Communications in Computer and Information Science, 2018, , 472-481.	0.5	0
51	Mining High Utility Co-location Patterns Based on Importance of Spatial Region. Communications in Computer and Information Science, 2018, , 43-55.	0.5	1
52	Mining Competitive Pairs Hidden in Co-location Patterns from Dynamic Spatial Databases. Lecture Notes in Computer Science, 2017, , 467-480.	1.3	13
53	Discovering Interesting Co-location Patterns Interactively Using Ontologies. Lecture Notes in Computer Science, 2017, , 75-89.	1.3	13
54	Incremental mining of high utility co-locations from spatial database. , 2017, , .		0

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55	Maximal Sub-prevalent Co-location Patterns and Efficient Mining Algorithms. Lecture Notes in Computer Science, 2017, , 199-214.	1.3	6
56	Spatial Co-Location Pattern Discovery from Fuzzy Objects. International Journal on Artificial Intelligence Tools, 2017, 26, 1750003.	1.0	33
57	An information-theoretic outlier detection method for prescription data. , 2017, , .		1
58	The effect of spatial autocorrelation on spatial co-location pattern mining. , 2017, , .		2
59	Game influence diagrams with interval-valued utilities. , 2017, , .		0
60	Mining Co-location Patterns with Dominant Features. Lecture Notes in Computer Science, 2017, , 183-198.	1.3	9
61	Top-k probabilistic prevalent co-location mining in spatially uncertain data sets. Frontiers of Computer Science, 2016, 10, 488-503.	2.4	15
62	Mining causal rules hidden in spatial co-locations based on dynamic spatial databases. , 2016, , .		4
63	Mining co-location patterns with spatial distribution characteristics. , 2016, , .		3
64	Mining top-k-size maximal co-location patterns. , 2016, , .		3
65	Spatial co-location pattern ordering. , 2016, , .		1
66	Ontology-Based Interactive Post-mining of Interesting Co-location Patterns. Lecture Notes in Computer Science, 2016, , 406-409.	1.3	7
67	A novel method on incremental mining of spatial co-locations. , 2016, , .		2
68	SQNR: A System for Querying Nodes and relations in multi-relational social networks. , 2015, , .		0
69	Incremental mining of co-locations from spatial database. , 2015, , .		5
70	A framework for mining spatial high utility co-location patterns. , 2015, , .		6
71	Finding associations-between-groups in multimode networks. , 2014, , .		0
72	Finding Probabilistic Prevalent Colocations in Spatially Uncertain Data Sets. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 790-804.	5.7	63

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73	Mining Co-locations from Spatially Uncertain Data with Probability Intervals. Lecture Notes in Computer Science, 2013, , 301-314.	1.3	2
74	Extracting Prevalent Co-location Patterns from Historic Spatial Data. Lecture Notes in Computer Science, 2013, , 287-300.	1.3	1
75	Multi-objective Rule Discovery Using the Improved Niched Pareto Genetic Algorithm. , 2011, , .		0
76	STATIC STRATEGIC GAME APPROACH FOR MULTIPLE ATTRIBUTE DECISION MAKING PROBLEMS WITHOUT WEIGHT INFORMATION. International Journal on Artificial Intelligence Tools, 2011, 20, 577-588.	1.0	5
77	Frequent patterns-based subspace clustering. , 2010, , .		0
78	An efficient method of evaluating the distance between two uncertain objects. , 2010, , .		0
79	Efficiently Mining Co-Location Rules on Interval Data. Lecture Notes in Computer Science, 2010, , 477-488.	1.3	20
80	Evaluating the Distance between Two Uncertain Categorical Objects. Lecture Notes in Computer Science, 2010, , 122-133.	1.3	0
81	An order-clique-based approach for mining maximal co-locations. Information Sciences, 2009, 179, 3370-3382.	6.9	105
82	Efficient Discovery of Spatial Co-Location Patterns Using the iCPI-tree. The Open Information Systems Journal, 2009, 3, 69-80.	0.1	44
83	A new join-less approach for co-location pattern mining. , 2008, , .		26
84	Data Mining Prediction of Shovel Cable Service Lifespan. , 2007, , .		1
85	A Fuzzy Clustering Method Based on Domain Knowledge. , 2007, , .		2
86	Efficient discovery of multilevel spatial association rules using partitions. Information and Software Technology, 2005, 47, 829-840.	4.4	29
87	A spatial co-location pattern mining framework insensitive to prevalence thresholds based on overlapping cliques. Distributed and Parallel Databases, 0, , 1.	1.6	5