Mingwei Lin

List of Publications by Year
in descending order

81 papers	**2,642** citations	236925 **25** h-index	206112 **48** g-index
81 all docs	**81** docs citations	**81** times ranked	**1322** citing authors

#	Article	IF	Citations
1	Multi-attribute group decision-making under probabilistic uncertain linguistic environment. Journal of the Operational Research Society, 2018, 69, 157-170.	3.4	188
2	MULTIMOORA based MCDM model for site selection of car sharing station under picture fuzzy environment. Sustainable Cities and Society, 2020, 53, 101873.	10.4	175
3	Enhancing Privacy and Availability for Data Clustering in Intelligent Electrical Service of IoT. IEEE Internet of Things Journal, 2019, 6, 1530-1540.	8.7	160
4	ELECTRE II method to deal with probabilistic linguistic term sets and its application to edge computing. Nonlinear Dynamics, 2019, 96, 2125-2143.	5.2	143
5	Evaluating IoT Platforms Using Integrated Probabilistic Linguistic MCDM Method. IEEE Internet of Things Journal, 2020, 7, 11195-11208.	8.7	137
6	Score function based on concentration degree for probabilistic linguistic term sets: An application to TOPSIS and VIKOR. Information Sciences, 2021, 551, 270-290.	6.9	126
7	Pythagorean fuzzy MULTIMOORA method based on distance measure and score function: its application in multicriteria decision making process. Knowledge and Information Systems, 2020, 62, 4373-4406.	3.2	121
8	Wastewater treatment and emerging contaminants: Bibliometric analysis. Chemosphere, 2022, 297, 133932.	8.2	121
9	Linguistic q‑rung orthopair fuzzy sets and their interactional partitioned Heronian mean aggregation operators. International Journal of Intelligent Systems, 2020, 35, 217-249.	5.7	120
10	Directional correlation coefficient measures for Pythagorean fuzzy sets: their applications to medical diagnosis and cluster analysis. Complex & Intelligent Systems, 2021, 7, 1025-1043.	6.5	99
11	TODIM-based multi-criteria decision-making method with hesitant fuzzy linguistic term sets. Artificial Intelligence Review, 2020, 53, 3647-3671.	15.7	76
12	Picture fuzzy interactional partitioned Heronian mean aggregation operators: an application to MADM process. Artificial Intelligence Review, 2022, 55, 1171-1208.	15.7	75
13	Multiattribute Group Decision-Making Based on Linguistic Pythagorean Fuzzy Interaction Partitioned Bonferroni Mean Aggregation Operators. Complexity, 2018, 2018, 1-24.	1.6	59
14	Clustering algorithms based on correlation coefficients for probabilistic linguistic term sets. International Journal of Intelligent Systems, 2018, 33, 2402-2424.	5.7	59
15	TOPSIS Method Based on Correlation Coefficient and Entropy Measure for Linguistic Pythagorean Fuzzy Sets and Its Application to Multiple Attribute Decision Making. Complexity, 2019, 2019, 1-16.	1.6	54
16	Bibliometric analysis on Pythagorean fuzzy sets during 2013–2020. International Journal of Intelligent Computing and Cybernetics, 2021, 14, 104-121.	2.7	54
17	Decision making with probabilistic hesitant fuzzy information based on multiplicative consistency. International Journal of Intelligent Systems, 2020, 35, 1233-1261.	5.7	49
18	Deconv-transformer (DecT): A histopathological image classification model for breast cancer based on color deconvolution and transformer architecture. Information Sciences, 2022, 608, 1093-1112.	6.9	44

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19	Intelligent Content Caching Strategy in Autonomous Driving Toward 6G. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9786-9796.	8.0	42
20	Determine OWA operator weights using kernel density estimation. Economic Research-Ekonomska Istrazivanja, 2020, 33, 1441-1464.	4.7	39
21	An intelligent fuzzy-based routing scheme for software-defined vehicular networks. Computer Networks, 2021, 187, 107837.	5.1	38
22	Evaluation of startup companies using multicriteria decision making based on hesitant fuzzy linguistic information envelopment analysis models. International Journal of Intelligent Systems, 2021, 36, 2292-2322.	5.7	32
23	Probabilistic Linguistic Distance Measures and Their Applications in Multi-criteria Group Decision Making. Studies in Fuzziness and Soft Computing, 2018, , 411-440.	0.8	31
24	RSE-PoW: a Role Symmetric Encryption PoW Scheme with Authorized Deduplication for Multimedia Data. Mobile Networks and Applications, 2018, 23, 650-663.	3.3	31
25	Cross-domain sentiment aware word embeddings for review sentiment analysis. International Journal of Machine Learning and Cybernetics, 2021, 12, 343-354.	3.6	29
26	Flash translation layer: a review and bibliometric analysis. International Journal of Intelligent Computing and Cybernetics, 2021, 14, 480-508.	2.7	28
27	SPIDER: A Social Computing Inspired Predictive Routing Scheme for Softwarized Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9466-9477.	8.0	28
28	A comprehensive bibliometric analysis of Apache Hadoop from 2008 to 2020. International Journal of Intelligent Computing and Cybernetics, 2023, 16, 99-120.	2.7	22
29	msâ€PoSW: A multiâ€server aided proof of shared ownership scheme for secure deduplication in cloud. Concurrency Computation Practice and Experience, 2020, 32, e4252.	2.2	21
30	Group Decision Making With Probabilistic Hesitant Multiplicative Preference Relations Based on Consistency and Consensus. IEEE Access, 2018, 6, 63329-63344.	4.2	20
31	Group Decision-Making Model With Hesitant Multiplicative Preference Relations Based on Regression Method and Feedback Mechanism. IEEE Access, 2018, 6, 61130-61150.	4.2	19
32	Benefits of data aggregation on energy consumption in wireless sensor networks. IET Communications, 2017, 11, 1216-1223.	2.2	18
33	DPLK-Means: A Novel Differential Privacy K-Means Mechanism. , 2017, , .		18
34	GFTL: Group-Level Mapping in Flash Translation Layer to Provide Efficient Address Translation for NAND Flash-Based SSDs. IEEE Transactions on Consumer Electronics, 2020, 66, 242-250.	3.6	18
35	A Novel Configuration Tuning Method Based on Feature Selection for Hadoop MapReduce. IEEE Access, 2020, 8, 63862-63871.	4.2	18
36	Dynamic garbage collection scheme based on past update times for NAND flash-based consumer electronics. IEEE Transactions on Consumer Electronics, 2015, 61, 478-483.	3.6	17

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37	SOMDNCD: Image Change Detection Based on Self-Organizing Maps and Deep Neural Networks. IEEE Access, 2018, 6, 35915-35925.	4.2	17
38	Dual Locality-Based Flash Translation Layer for NAND Flash-Based Consumer Electronics. IEEE Transactions on Consumer Electronics, 2022, 68, 281-290.	3.6	17
39	A hybrid push protocol for resource monitoring in cloud computing platforms. Optik, 2016, 127, 2007-2011.	2.9	16
40	Reliability-Aware and Deadline-Constrained Mobile Service Composition Over Opportunistic Networks. IEEE Transactions on Automation Science and Engineering, 2021, 18, 1012-1025.	5.2	16
41	Garbage collection policy to improve durability for flash memory. IEEE Transactions on Consumer Electronics, 2012, 58, 1232-1236.	3.6	14
42	Efficient and intelligent garbage collection policy for NAND flash-based consumer electronics. IEEE Transactions on Consumer Electronics, 2013, 59, 538-543.	3.6	14
43	Caching-Aware Garbage Collection to Improve Performance and Lifetime for NAND Flash SSDs. IEEE Transactions on Consumer Electronics, 2021, 67, 141-148.	3.6	14
44	Online education satisfaction assessment based on cloud model and fuzzy TOPSIS. Applied Intelligence, 2022, 52, 13659-13674.	5.3	14
45	Optimised Linux swap system for flash memory. Electronics Letters, 2011, 47, 641.	1.0	12
46	An efficient page replacement algorithm for NAND flash memory. IEEE Transactions on Consumer Electronics, 2013, 59, 779-785.	3.6	12
47	HDC: An adaptive buffer replacement algorithm for NAND flash memory-based databases. Optik, 2014, 125, 1167-1173.	2.9	11
48	Privacy Protection-Oriented Mobile Crowdsensing Analysis Based on Game Theory. , 2017, , .		11
49	Efficient Sequential Data Migration Scheme Considering Dying Data for HDD/SSD Hybrid Storage Systems. IEEE Access, 2017, 5, 23366-23373.	4.2	10
50	Distributed and Application-Aware Task Scheduling in Edge-Clouds. , 2018, , .		10
51	Assessment and selection of smart agriculture solutions using an information error€based Pythagorean fuzzy cloud algorithm. International Journal of Intelligent Systems, 2021, 36, 6387-6418.	5.7	10
52	History-aware page replacement algorithm for NAND flash-based consumer electronics. IEEE Transactions on Consumer Electronics, 2016, 62, 23-29.	3.6	9
53	Buffer-Aware Data Migration Scheme for Hybrid Storage Systems. IEEE Access, 2018, 6, 47646-47656.	4.2	9
54	Energy-aware buffer management scheme for NAND and flash-based consumer electronics. IEEE Transactions on Consumer Electronics, 2015, 61, 484-490.	3.6	8

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55	Data transmission strategies for resource monitoring in cloud computing platforms. Optik, 2016, 127, 6726-6734.	2.9	8
56	Medical waste treatment scheme selection based on single-valued neutrosophic numbers. AIMS Mathematics, 2021, 6, 10540-10564.	1.6	8
57	Interval-valued Pythagorean fuzzy multi-criteria decision-making method based on the set pair analysis theory and Choquet integral. Complex & Intelligent Systems, 2023, 9, 51-63.	6.5	8
58	Greedy page replacement algorithm for flash-aware swap system. IEEE Transactions on Consumer Electronics, 2012, 58, 435-440.	3.6	7
59	Flash-aware linux swap system for portable consumer electronics. IEEE Transactions on Consumer Electronics, 2012, 58, 419-427.	3.6	7
60	SBBS: A sliding blocking algorithm with backtracking sub-blocks for duplicate data detection. Expert Systems With Applications, 2014, 41, 2415-2423.	7.6	7
61	F-LRU: An efficient buffer replacement algorithm for NAND flash-based databases. Optik, 2016, 127, 663-667.	2.9	6
62	Probabilistic Hesitant Fuzzy Methods for Prioritizing Distributed Stream Processing Frameworks for IoT Applications. Mathematical Problems in Engineering, 2021, 2021, 1-12.	1.1	6
63	Decision support model for the patient admission scheduling problem based on picture fuzzy aggregation information and TOPSIS methodology. Mathematical Biosciences and Engineering, 2022, 19, 3147-3176.	1.9	6
64	On Stochastic Performance and Cost-Aware Optimal Capacity Planning of Unreliable Infrastructure-as-a-Service Cloud. Lecture Notes in Computer Science, 2016, , 644-657.	1.3	4
65	A Write-Optimized B-Tree Layer for NAND Flash Memory. , 2011, , .		3
66	Achieving Proof of Shared Ownership for the Shared File in Collaborative Cloud Applications. Lecture Notes in Computer Science, 2017, , 262-274.	1.3	3
67	Toward Anomaly Detection in IaaS Cloud Computing Platforms. International Journal of Security and Its Applications, 2015, 9, 175-188.	0.8	3
68	Garbage collection policy for flash-aware Linux swap system. Electronics Letters, 2011, 47, 1218.	1.0	2
69	Probabilistic Linguistic VIKOR Method Based on TODIM for Reliable Participant Selection Problem in Mobile Crowdsensing. , 2019, , .		2
70	A Novel Influence Maximization-based Dynamic Forwarding Node Selection Scheme in SDVNs. , 2020, , .		2
71	An incomplete probabilistic linguistic multi-attribute group decision making method based on a three-dimensional trust network. Applied Intelligence, 0, , .	5.3	2
72	Swap time-aware garbage collection policy for NAND flash-based swap system. Electronics Letters, 2013, 49, 1525-1526.	1.0	1

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73	Clean-First Adaptive Buffer Replacement Algorithm for NAND Flash-Based Consumer Electronics. , 2019, , .		1
74	A novel role symmetric encryption algorithm for authorized deduplication in cloud. , 2017, , .		1
75	A Reliable File Protection System Based on Transparent Encryption. International Journal of Security and Its Applications, 2014, 8, 123-132.	0.8	1
76	Workload-Aware Page-Level Flash Translation Layer for NAND Flash-Based Storage Systems. Lecture Notes in Computer Science, 2017, , 576-588.	1.3	1
77	Mining the Spatial-Temporal Characteristics of Population Flow and Material Flow Using Big Data. Mathematical Problems in Engineering, 2020, 2020, 1-20.	1.1	0
78	Tagged Unit State based Ring Buffer. Journal of Convergence Information Technology, 2012, 7, 198-207.	0.1	0
79	MPCA: A Modified Principal Component Analysis Method for Anomaly Detection. International Journal of Advancements in Computing Technology, 2012, 4, 74-81.	0.1	0
80	Monitoring Neighborhood Self-organization and Message Dissemination for Monitoring Large-scale Distributed Systems. International Journal of Hybrid Information Technology, 2015, 8, 203-216.	0.6	0
81	ACS: an alternate coding scheme to improve degrade read performance for SSD-based RAID5 systems. International Journal of High Performance Systems Architecture, 2021, 10, 70.	0.3	0