

Kijung Shin

List of Publications by Year in descending order

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43
papers

1,132
citations

933447

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794594

19
g-index

44
all docs

44
docs citations

44
times ranked

511
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple epidemic models with segmentation can be better than complex ones. PLoS ONE, 2022, 17, e0262244.	2.5	3
2	Directed Network Embedding with Virtual Negative Edges. , 2022, , .		6
3	Finding a Concise, Precise, and Exhaustive Set of Near Bi-Cliques in Dynamic Graphs. , 2022, , .		0
4	Effective training strategies for deep-learning-based precipitation nowcasting and estimation. Computers and Geosciences, 2022, 161, 105072.	4.2	13
5	MiDaS: Representative Sampling from Real-world Hypergraphs. , 2022, , .		9
6	AHP. , 2022, , .		7
7	CoCoS: Fast and Accurate Distributed Triangle Counting in Graph Streams. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-30.	3.5	3
8	How Do Hyperedges Overlap in Real-World Hypergraphs? - Patterns, Measures, and Generators. , 2021, , .		31
9	THyMe+: Temporal Hypergraph Motifs and Fast Algorithms for Exact Counting. , 2021, , .		14
10	Temporal locality-aware sampling for accurate triangle counting in real graph streams. VLDB Journal, 2020, 29, 1501-1525.	4.1	8
11	Midas: Microcluster-Based Detector of Anomalies in Edge Streams. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 3242-3249.	4.9	42
12	Fast and memory-efficient algorithms for high-order Tucker decomposition. Knowledge and Information Systems, 2020, 62, 2765-2794.	3.2	3
13	Detecting Group Anomalies in Tera-Scale Multi-Aspect Data via Dense-Subtensor Mining. Frontiers in Big Data, 2020, 3, 594302.	2.9	2
14	How Much and When Do We Need Higher-order Information in Hypergraphs? A Case Study on Hyperedge Prediction. , 2020, , .		37
15	Fast, Accurate and Provable Triangle Counting in Fully Dynamic Graph Streams. ACM Transactions on Knowledge Discovery From Data, 2020, 14, 1-39.	3.5	22
16	SSumM: Sparse Summarization of Massive Graphs. , 2020, , .		19
17	Incremental Lossless Graph Summarization. , 2020, , .		20
18	Hypergraph motifs. Proceedings of the VLDB Endowment, 2020, 13, 2256-2269.	3.8	37

#	ARTICLE	IF	CITATIONS
19	TellTail: Fast Scoring and Detection of Dense Subgraphs. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 4150-4157.	4.9	8
20	MONSTOR: An Inductive Approach for Estimating and Maximizing Influence over Unseen Networks. , 2020, , .		5
21	Structural Patterns and Generative Models of Real-world Hypergraphs. , 2020, , .		29
22	Evolution of Real-World Hypergraphs: Patterns and Models without Oracles. , 2020, , .		19
23	SWeC: Lossless and Lossy Summarization of Web-Scale Graphs. , 2019, , .		22
24	Fast and Accurate Anomaly Detection in Dynamic Graphs with a Two-Pronged Approach. , 2019, , .		42
25	Think Before You Discard: Accurate Triangle Counting in Graph Streams with Deletions. Lecture Notes in Computer Science, 2019, , 141-157.	1.3	4
26	Fast, Accurate, and Flexible Algorithms for Dense Subtensor Mining. ACM Transactions on Knowledge Discovery From Data, 2018, 12, 1-30.	3.5	17
27	Patterns and anomalies in k-cores of real-world graphs with applications. Knowledge and Information Systems, 2018, 54, 677-710.	3.2	42
28	Discovering Progression Stages in Trillion-Scale Behavior Logs. , 2018, , .		1
29	Tri-Fly: Distributed Estimation of Global and Local Triangle Counts in Graph Streams. Lecture Notes in Computer Science, 2018, , 651-663.	1.3	10
30	S-HOT. , 2017, , .		28
31	D-Cube. , 2017, , .		39
32	Graph-Based Fraud Detection in the Face of Camouflage. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-26.	3.5	47
33	Fully Scalable Methods for Distributed Tensor Factorization. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 100-113.	5.7	51
34	zooRank: Ranking Suspicious Entities in Time-Evolving Tensors. Lecture Notes in Computer Science, 2017, , 68-84.	1.3	3
35	WRS: Waiting Room Sampling for Accurate Triangle Counting in Real Graph Streams. , 2017, , .		13
36	DenseAlert. , 2017, , .		38

#	ARTICLE	IF	CITATIONS
37	Random Walk with Restart on Large Graphs Using Block Elimination. ACM Transactions on Database Systems, 2016, 41, 1-43.	2.8	26
38	CoreScope: Graph Mining Using k-Core Analysis " Patterns, Anomalies and Algorithms. , 2016, , .		62
39	Incorporating Side Information in Tensor Completion. , 2016, , .		13
40	FRAUDAR. , 2016, , .		184
41	M-Zoom: Fast Dense-Block Detection in Tensors with Quality Guarantees. Lecture Notes in Computer Science, 2016, , 264-280.	1.3	52
42	BEAR. , 2015, , .		57
43	Distributed Methods for High-Dimensional and Large-Scale Tensor Factorization. , 2014, , .		44