Kijung Shin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3770706/publications.pdf

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43	1,132	933447	794594
papers	citations	10 h-index	19 g-index

44	44	44	511
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	FRAUDAR. , 2016, , .		184
2	CoreScope: Graph Mining Using k-Core Analysis â€" Patterns, Anomalies and Algorithms. , 2016, , .		62
3	BEAR. , 2015, , .		57
4	M-Zoom: Fast Dense-Block Detection in Tensors with Quality Guarantees. Lecture Notes in Computer Science, 2016, , 264-280.	1.3	52
5	Fully Scalable Methods for Distributed Tensor Factorization. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 100-113.	5.7	51
6	Graph-Based Fraud Detection in the Face of Camouflage. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-26.	3.5	47
7	Distributed Methods for High-Dimensional and Large-Scale Tensor Factorization. , 2014, , .		44
8	Patterns and anomalies in k-cores of real-world graphs with applications. Knowledge and Information Systems, 2018, 54, 677-710.	3.2	42
9	Fast and Accurate Anomaly Detection in Dynamic Graphs with a Two-Pronged Approach. , 2019, , .		42
10	Midas: Microcluster-Based Detector of Anomalies in Edge Streams. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 3242-3249.	4.9	42
11	D-Cube. , 2017, , .		39
12	DenseAlert. , 2017, , .		38
13	How Much and When Do We Need Higher-order Information in Hypergraphs? A Case Study on Hyperedge Prediction. , 2020, , .		37
14	Hypergraph motifs. Proceedings of the VLDB Endowment, 2020, 13, 2256-2269.	3.8	37
15	How Do Hyperedges Overlap in Real-World Hypergraphs? - Patterns, Measures, and Generators. , 2021, , .		31
16	Structural Patterns and Generative Models of Real-world Hypergraphs. , 2020, , .		29
17	S-HOT. , 2017, , .		28
18	Random Walk with Restart on Large Graphs Using Block Elimination. ACM Transactions on Database Systems, 2016, 41, 1-43.	2.8	26

#	Article	IF	Citations
19	SWeG: Lossless and Lossy Summarization of Web-Scale Graphs. , 2019, , .		22
20	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
21	Incremental Lossless Graph Summarization. , 2020, , .		20
22	SSumM: Sparse Summarization of Massive Graphs. , 2020, , .		19
23	Evolution of Real-World Hypergraphs: Patterns and Models without Oracles. , 2020, , .		19
24	Fast, Accurate, and Flexible Algorithms for Dense Subtensor Mining. ACM Transactions on Knowledge Discovery From Data, 2018, 12, 1-30.	3.5	17
25	THyMe+: Temporal Hypergraph Motifs and Fast Algorithms for Exact Counting. , 2021, , .		14
26	Incorporating Side Information in Tensor Completion. , 2016, , .		13
27	WRS: Waiting Room Sampling for Accurate Triangle Counting in Real Graph Streams. , 2017, , .		13
28	Effective training strategies for deep-learning-based precipitation nowcasting and estimation. Computers and Geosciences, 2022, 161, 105072.	4.2	13
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	MiDaS: Representative Sampling from Real-world Hypergraphs. , 2022, , .		9
31	Temporal locality-aware sampling for accurate triangle counting in real graph streams. VLDB Journal, 2020, 29, 1501-1525.	4.1	8
32	TellTail: Fast Scoring and Detection of Dense Subgraphs. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 4150-4157.	4.9	8
33	AHP. , 2022, , .		7
34	Directed Network Embedding with Virtual Negative Edges. , 2022, , .		6
35	MONSTOR: An Inductive Approach for Estimating and Maximizing Influence over Unseen Networks. , 2020, , .		5
36	Think Before You Discard: Accurate Triangle Counting in Graph Streams with Deletions. Lecture Notes in Computer Science, 2019, , 141-157.	1.3	4

#	Article	IF	Citations
37	zooRank: Ranking Suspicious Entities in Time-Evolving Tensors. Lecture Notes in Computer Science, 2017, , 68-84.	1.3	3
38	Fast and memory-efficient algorithms for high-order Tucker decomposition. Knowledge and Information Systems, 2020, 62, 2765-2794.	3.2	3
39	CoCoS: Fast and Accurate Distributed Triangle Counting in Graph Streams. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-30.	3.5	3
40	Simple epidemic models with segmentation can be better than complex ones. PLoS ONE, 2022, 17, e0262244.	2.5	3
41	Detecting Group Anomalies in Tera-Scale Multi-Aspect Data via Dense-Subtensor Mining. Frontiers in Big Data, 2020, 3, 594302.	2.9	2
42	Discovering Progression Stages in Trillion-Scale Behavior Logs. , 2018, , .		1
43	Finding a Concise, Precise, and Exhaustive Set of Near Bi-Cliques in Dynamic Graphs. , 2022, , .		0