

Sang-Wook Kim

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

1,186
citations

471509

17
h-index

610901

24
g-index

103
all docs

103
docs citations

103
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	CFGAN. , 2018, , .		127
2	Improving the accuracy of top-N recommendation using a preference model. Information Sciences, 2016, 348, 290-304.	6.9	74
3	Rating Augmentation with Generative Adversarial Networks towards Accurate Collaborative Filtering. , 2019, , .		41
4	Trajectory clustering in road network environment. , 2009, , .		39
5	Efficient and effective influence maximization in social networks: A hybrid-approach. Information Sciences, 2018, 465, 144-161.	6.9	36
6	“Told you i didn't like it” Exploiting uninteresting items for effective collaborative filtering. , 2016, , .		35
7	A Subsequence Matching Algorithm that Supports Normalization Transform in Time-Series Databases. Data Mining and Knowledge Discovery, 2004, 9, 5-28.	3.7	34
8	Injection: Toward Effective Collaborative Filtering Using Uninteresting Items. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 3-16.	5.7	34
9	AR-CF. , 2020, , .		34
10	Efficient processing of similarity search under time warping in sequence databases: an index-based approach. Information Systems, 2004, 29, 405-420.	3.6	31
11	Determining Content Power Users in a Blog Network: An Approach and Its Applications. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2011, 41, 853-862.	2.9	30
12	On identifying k -nearest neighbors in neighborhood models for efficient and effective collaborative filtering. Neurocomputing, 2018, 278, 134-143.	5.9	30
13	Efficient recommendation methods using category experts for a large dataset. Information Fusion, 2016, 28, 75-82.	19.1	27
14	C-Rank: A link-based similarity measure for scientific literature databases. Information Sciences, 2016, 326, 25-40.	6.9	27
15	Reinforcement Learning over Sentiment-Augmented Knowledge Graphs towards Accurate and Explainable Recommendation. , 2022, , .		27
16	Intelligent SSD. , 2013, , .		26
17	SimCC: A novel method to consider both content and citations for computing similarity of scientific papers. Information Sciences, 2016, 334-335, 273-292.	6.9	25
18	Collaborative Adversarial Autoencoders: An Effective Collaborative Filtering Model Under the GAN Framework. IEEE Access, 2019, 7, 37650-37663.	4.2	25

#	ARTICLE	IF	CITATIONS
19	PIN-TRUST. , 2016, , .		24
20	Privacy preserving data mining of sequential patterns for network traffic data. Information Sciences, 2008, 178, 694-713.	6.9	23
21	A community-based sampling method using DPL for online social networks. Information Sciences, 2015, 306, 53-69.	6.9	23
22	Using multiple indexes for efficient subsequence matching in time-series databases. Information Sciences, 2007, 177, 5691-5706.	6.9	21
23	Top-N recommendation through belief propagation. , 2012, , .		21
24	ASiNE. , 2020, , .		20
25	Can You Trust Online Ratings? A Mutual Reinforcement Model for Trustworthy Online Rating Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 1564-1576.	9.3	19
26	JacSim: An accurate and efficient link-based similarity measure in graphs. Information Sciences, 2017, 414, 203-224.	6.9	19
27	“œls a picture really worth a thousand words?â€ A case study on classifying user attributes on Instagram. PLoS ONE, 2018, 13, e0204938.	2.5	19
28	Autoencoder-based personalized ranking framework unifying explicit and implicit feedback for accurate top-N recommendation. Knowledge-Based Systems, 2019, 176, 110-121.	7.1	19
29	M-BPR: A novel approach to improving BPR for recommendation with multi-type pair-wise preferences. Information Sciences, 2021, 547, 255-270.	6.9	19
30	How to Impute Missing Ratings?. , 2018, , .		17
31	Clustering-Based Collaborative Filtering Using an Incentivized/Penalized User Model. IEEE Access, 2019, 7, 62115-62125.	4.2	15
32	CrowdStart: Warming up cold-start items using crowdsourcing. Expert Systems With Applications, 2019, 138, 112813.	7.6	12
33	A probability-based trust prediction model using trust-message passing. , 2013, , .		11
34	No, That's Not My Feedback: TV Show Recommendation Using Watchable Interval. , 2019, , .		11
35	Efficient processing of subsequence matching with the Euclidean metric in time-series databases. Information Processing Letters, 2004, 90, 253-260.	0.6	10
36	Credible, resilient, and scalable detection of software plagiarism using authority histograms. Knowledge-Based Systems, 2016, 95, 114-124.	7.1	10

#	ARTICLE	IF	CITATIONS
37	RealGraph: A Graph Engine Leveraging the Power-Law Distribution of Real-World Graphs. , 2019, , .		10
38	Effective and efficient negative sampling in metric learning based recommendation. Information Sciences, 2022, 605, 351-365.	6.9	9
39	Shape-based retrieval in time-series databases. Journal of Systems and Software, 2006, 79, 191-203.	4.5	8
40	Dimensionality reduction for similarity search with the Euclidean distance in high-dimensional applications. Multimedia Tools and Applications, 2009, 42, 251-271.	3.9	8
41	Optimization of GPU-based Sparse Matrix Multiplication for Large Sparse Networks. , 2020, , .		8
42	Data imputation using a trust network for recommendation. , 2014, , .		7
43	Fraud Detection in Comparison-Shopping Services: Patterns and Anomalies in User Click Behaviors. IEICE Transactions on Information and Systems, 2017, E100.D, 2659-2663.	0.7	7
44	Incremental C-Rank: An effective and efficient ranking algorithm for dynamic Web environments. Knowledge-Based Systems, 2019, 176, 147-158.	7.1	7
45	C-Rank and its variants: A contribution-based ranking approach exploiting links and content. Journal of Information Science, 2014, 40, 761-778.	3.3	6
46	Crowdsourced promotions in doubt: Analyzing effective crowdsourced promotions. Information Sciences, 2018, 432, 185-198.	6.9	5
47	Classifying malwares for identification of author groups. Concurrency Computation Practice and Experience, 2018, 30, e4197.	2.2	5
48	TrustRec: An effective approach to exploit implicit trust and distrust relationships along with explicit ones for accurate recommendations. Computer Science and Information Systems, 2021, 18, 93-114.	1.0	5
49	AdaSim. , 2021, , .		5
50	Clustering and Non-clustering Effects in Flash Memory Databases. , 2009, , .		4
51	Incremental feature selection for efficient classification of dynamic graph bags. Concurrency Computation Practice and Experience, 2020, 32, e5502.	2.2	4
52	Exploiting uninteresting items for effective graph-based one-class collaborative filtering. Journal of Supercomputing, 2021, 77, 6832-6851.	3.6	4
53	Pairwise normalization in SimRank variants. , 2019, , .		4
54	On Investigating Both Effectiveness and Efficiency of Embedding Methods in Task of Similarity Computation of Nodes in Graphs. Applied Sciences (Switzerland), 2021, 11, 162.	2.5	4

#	ARTICLE	IF	CITATIONS
55	Exploiting trustors as well as trustees in trust-based recommendation. , 2013, , .		3
56	A unified framework of trust prediction based on message passing. Cluster Computing, 2019, 22, 2049-2061.	5.0	3
57	MASCOT: A Quantization Framework for Efficient Matrix Factorization in Recommender Systems. , 2021, , .		3
58	â€œI Have No Text in My Postâ€ Using Visual Hints to Model User Emotions in Social Media. , 2022, , .		3
59	Efficient processing of spatial joins with DOT-based indexing. Information Sciences, 2010, 180, 1292-1312.	6.9	2
60	On Extracting Perception-Based Features for Effective Similar Shader Retrieval. , 2011, , .		2
61	Trustable aggregation of online ratings. , 2013, , .		2
62	Link-Based Similarity Measures Using Reachability Vectors. Scientific World Journal, The, 2014, 2014, 1-13.	2.1	2
63	Accurate Approximation of the Earth Moverâ€™s Distance in Linear Time. Journal of Computer Science and Technology, 2014, 29, 142-154.	1.5	2
64	SimCC-AT. , 2016, , .		2
65	High-performance data mining with intelligent SSD. Cluster Computing, 2017, 20, 1155-1166.	5.0	2
66	Exploiting job transition patterns for effective job recommendation. , 2017, , .		2
67	An Approach to Effective Recommendation Considering User Preference and Diversity Simultaneously. IEICE Transactions on Information and Systems, 2018, E101.D, 244-248.	0.7	2
68	Efficient processing of recommendation algorithms on a single-machine-based graph engine. Journal of Supercomputing, 2020, 76, 7985-8002.	3.6	2
69	On Exploiting Static and Dynamic Features in Malware Classification. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 122-129.	0.3	2
70	â€œHow to get consensus with neighbors?â€ Rating standardization for accurate collaborative filtering. Knowledge-Based Systems, 2021, 234, 107549.	7.1	2
71	Community reinforcement: An effective and efficient preprocessing method for accurate community detection. Knowledge-Based Systems, 2022, 237, 107741.	7.1	2
72	JacSim*: An Effective and Efficient Solution to the Pairwise Normalization Problem in SimRank. IEEE Access, 2021, 9, 146038-146049.	4.2	2

#	ARTICLE	IF	CITATIONS
73	K-Nearest Neighbor query processing methods in road network space: Performance evaluation. , 2009, , .		1
74	CentralMatch: A Fast and Accurate Method to Identify Blog-Duplicates. , 2010, , .		1
75	TL-Rank: A Blend of Text and Link Information for Measuring Similarity in Scientific Literature Databases. IEICE Transactions on Information and Systems, 2012, E95.D, 2556-2559.	0.7	1
76	SimCS: An Effective Method to Compute Similarity of Scientific Papers Based on Contribution Scores. IEICE Transactions on Information and Systems, 2015, E98.D, 2328-2332.	0.7	1
77	Effectiveness of reverse edges and uncertainty in PIN-TRUST for trust prediction. , 2016, , .		1
78	Graph-Theoretic One-Class Collaborative Filtering using Signed Random Walk with Restart. , 2020, , .		1
79	A Data Layout with Good Data Locality for Single-Machine based Graph Engines. IEEE Transactions on Computers, 2021, , 1-1.	3.4	1
80	On Classifying Dynamic Graph Bags. , 2017, , .		1
81	On approximate k-nearest neighbor searches based on the earth mover's distance for efficient content-based multimedia information retrieval. Computer Science and Information Systems, 2019, 16, 615-638.	1.0	1
82	Zero-Injection Meets Deep Learning: Boosting the Accuracy of Collaborative Filtering in Top-N Recommendation. Lecture Notes in Computer Science, 2020, , 607-620.	1.3	1
83	Classifying Malicious Documents on the Basis of Plain-Text Features: Problem, Solution, and Experiences. Applied Sciences (Switzerland), 2022, 12, 4088.	2.5	1
84	Effective dimensionality reduction in multimedia applications. , 2009, , .		0
85	Application of Linkclus in blogosphere. , 2010, , .		0
86	On Analyzing User Ratings and Directional Trusts in Epinions.com. , 2011, , .		0
87	Exploiting the uFLIP benchmark for analyzing SSDs performance. , 2014, , .		0
88	Analyzing Network Privacy Preserving Methods: A Perspective of Social Network Characteristics. IEICE Transactions on Information and Systems, 2014, E97.D, 1664-1667.	0.7	0
89	The uFLIP benchmark revisited for evaluating SSDs. International Journal of Communication Systems, 2016, 29, 2100-2111.	2.5	0
90	Robust Features for Trustable Aggregation of Online Ratings. , 2016, , .		0

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91	An efficient and effective method to find uninteresting items for accurate collaborative filtering. , 2016, , .		0
92	Scalable collaborative filtering based on efficient identification of similar users. , 2016, , .		0
93	Data mining in intelligent SSD: Simulation-based evaluation. , 2016, , .		0
94	Adversarial Training of Deep Autoencoders Towards Recommendation Tasks. , 2018, , .		0
95	A novel join technique for similar-trend searches supporting normalization on time-series databases. , 2018, , .		0
96	Approximate k-Nearest Neighbor Search Based on the Earth Mover's Distance for Efficient Content-based Information Retrieval. , 2018, , .		0
97	Influence maximization for effective advertisement in social networks. , 2019, , .		0
98	SimAndro-plus: On computing similarity of android applications. Computer Science and Information Systems, 2021, 18, 1219-1238.	1.0	0
99	Efficient processing of continuous queries utilizing F-relationship in stock databases. Computer Science and Information Systems, 2016, 13, 131-149.	1.0	0
100	A flash-aware buffering scheme with the on-the-fly redo for efficient data management in flash storage. Computer Science and Information Systems, 2017, 14, 369-392.	1.0	0