Sang-Wook Kim

List of Publications by Year
in descending order

100 **papers**	1,186 **citations**	471509 17 **h-index**
103 **all docs**	103 **docs citations**	103 **times ranked**

24 **g-index** (610901)

798 **citing authors**

#	Article	IF	Citations
1	Community reinforcement: An effective and efficient preprocessing method for accurate community detection. Knowledge-Based Systems, 2022, 237, 107741.	7.1	2
2	Reinforcement Learning over Sentiment-Augmented Knowledge Graphs towards Accurate and Explainable Recommendation. , 2022, , .		27
3	Classifying Malicious Documents on the Basis of Plain-Text Features: Problem, Solution, and Experiences. Applied Sciences (Switzerland), 2022, 12, 4088.	2.5	1
4	â€œI Have No Text in My Postâ€ Using Visual Hints to Model User Emotions in Social Media. , 2022, , .		3
5	Effective and efficient negative sampling in metric learning based recommendation. Information Sciences, 2022, 605, 351-365.	6.9	9
6	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
7	A Data Layout with Good Data Locality for Single-Machine based Graph Engines. IEEE Transactions on Computers, 2021, , 1-1.	3.4	1
8	SimAndro-plus: On computing similarity of android applications. Computer Science and Information Systems, 2021, 18, 1219-1238.	1.0	0
9	TrustRec: An effective approach to exploit implicit trust and distrust relationships along with explicitones for accurate recommendations. Computer Science and Information Systems, 2021, 18, 93-114.	1.0	5
10	Exploiting uninteresting items for effective graph-based one-class collaborative filtering. Journal of Supercomputing, 2021, 77, 6832-6851.	3.6	4
11	â€œHow to get consensus with neighbors?â€ Rating standardization for accurate collaborative filtering. Knowledge-Based Systems, 2021, 234, 107549.	7.1	2
12	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
13	AdaSim. , 2021, , .		5
14	JacSim*: An Effective and Efficient Solution to the Pairwise Normalization Problem in SimRank. IEEE Access, 2021, 9, 146038-146049.	4.2	2
15	MASCOT: A Quantization Framework for Efficient Matrix Factorization in Recommender Systems. , 2021, , .		3
16	Efficient processing of recommendation algorithms on a single-machine-based graph engine. Journal of Supercomputing, 2020, 76, 7985-8002.	3.6	2
17	Incremental feature selection for efficient classification of dynamic graph bags. Concurrency Computation Practice and Experience, 2020, 32, e5502.	2.2	4
18	Graph-Theoretic One-Class Collaborative Filtering using Signed Random Walk with Restart. , 2020, , .		1

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19	Optimization of GPU-based Sparse Matrix Multiplication for Large Sparse Networks. , 2020, , .		8
20	AR-CF. , 2020, , .		34
21	ASiNE. , 2020, , .		20
22	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
23	CrowdStart: Warming up cold-start items using crowdsourcing. Expert Systems With Applications, 2019, 138, 112813.	7.6	12
24	No, That's Not My Feedback: TV Show Recommendation Using Watchable Interval. , 2019, , .		11
25	RealGraph: A Graph Engine Leveraging the Power-Law Distribution of Real-World Graphs. , 2019, , .		10
26	Rating Augmentation with Generative Adversarial Networks towards Accurate Collaborative Filtering. , 2019, , .		41
27	Influence maximization for effective advertisement in social networks. , 2019, , .		0
28	Clustering-Based Collaborative Filtering Using an Incentivized/Penalized User Model. IEEE Access, 2019, 7, 62115-62125.	4.2	15
29	Collaborative Adversarial Autoencoders: An Effective Collaborative Filtering Model Under the GAN Framework. IEEE Access, 2019, 7, 37650-37663.	4.2	25
30	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
31	Incremental C-Rank: An effective and efficient ranking algorithm for dynamic Web environments. Knowledge-Based Systems, 2019, 176, 147-158.	7.1	7
32	A unified framework of trust prediction based on message passing. Cluster Computing, 2019, 22, 2049-2061.	5.0	3
33	Injection: Toward Effective Collaborative Filtering Using Uninteresting Items. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 3-16.	5.7	34
34	Pairwise normalization in SimRank variants. , 2019, , .		4
35	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
36	Crowdsourced promotions in doubt: Analyzing effective crowdsourced promotions. Information Sciences, 2018, 432, 185-198.	6.9	5

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37	On identifying k -nearest neighbors in neighborhood models for efficient and effective collaborative filtering. Neurocomputing, 2018, 278, 134-143.	5.9	30
38	Classifying malwares for identification of author groups. Concurrency Computation Practice and Experience, 2018, 30, e4197.	2.2	5
39	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
40	Adversarial Training of Deep Autoencoders Towards Recommendation Tasks. , 2018, , .		0
41	â€œIs 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
42	CFGAN. , 2018, , .		127
43	How to Impute Missing Ratings?. , 2018, , .		17
44	Efficient and effective influence maximization in social networks: A hybrid-approach. Information Sciences, 2018, 465, 144-161.	6.9	36
45	A novel join technique for similar-trend searches supporting normalization on time-series databases. , 2018, , .		0
46	Approximate k-Nearest Neighbor Search Based on the Earth Mover's Distance for Efficient Content-based Information Retrieval. , 2018, , .		0
47	High-performance data mining with intelligent SSD. Cluster Computing, 2017, 20, 1155-1166.	5.0	2
48	JacSim: An accurate and efficient link-based similarity measure in graphs. Information Sciences, 2017, 414, 203-224.	6.9	19
49	Exploiting job transition patterns for effective job recommendation. , 2017, , .		2
50	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
51	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
52	On Classifying Dynamic Graph Bags. , 2017, , .		1
53	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
54	The uFLIP benchmark revisited for evaluating SSDs. International Journal of Communication Systems, 2016, 29, 2100-2111.	2.5	0

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55	Robust Features for Trustable Aggregation of Online Ratings. , 2016, , .		0
56	Effectiveness of reverse edges and uncertainty in PIN-TRUST for trust prediction. , 2016, , .		1
57	An efficient and effective method to find uninteresting items for accurate collaborative filtering. , 2016, , .		0
58	â€œTold you i didn't like itâ€‣ Exploiting uninteresting items for effective collaborative filtering. , 2016, , .		35
59	SimCC-AT. , 2016, , .		2
60	PIN-TRUST. , 2016, , .		24
61	Scalable collaborative filtering based on efficient identification of similar users. , 2016, , .		0
62	Credible, resilient, and scalable detection of software plagiarism using authority histograms. Knowledge-Based Systems, 2016, 95, 114-124.	7.1	10
63	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
64	Improving the accuracy of top-N recommendation using a preference model. Information Sciences, 2016, 348, 290-304.	6.9	74
65	Data mining in intelligent SSD: Simulation-based evaluation. , 2016, , .		0
66	Efficient recommendation methods using category experts for a large dataset. Information Fusion, 2016, 28, 75-82.	19.1	27
67	C-Rank: A link-based similarity measure for scientific literature databases. Information Sciences, 2016, 326, 25-40.	6.9	27
68	Efficient processing of continuous queries utilizing F-relationship in stock databases. Computer Science and Information Systems, 2016, 13, 131-149.	1.0	0
69	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
70	A community-based sampling method using DPL for online social networks. Information Sciences, 2015, 306, 53-69.	6.9	23
71	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
72	Link-Based Similarity Measures Using Reachability Vectors. Scientific World Journal, The, 2014, 2014, 1-13.	2.1	2

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73	Exploiting the uFLIP benchmark for analyzing SSDs performance. , 2014, , .		0
74	Data imputation using a trust network for recommendation. , 2014, , .		7
75	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
76	Accurate Approximation of the Earth Mover's Distance in Linear Time. Journal of Computer Science and Technology, 2014, 29, 142-154.	1.5	2
77	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
78	Exploiting trustors as well as trustees in trust-based recommendation. , 2013, , .		3
79	Intelligent SSD. , 2013, , .		26
80	Trustable aggregation of online ratings. , 2013, , .		2
81	A probability-based trust prediction model using trust-message passing. , 2013, , .		11
82	Top-N recommendation through belief propagation. , 2012, , .		21
83	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
84	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
85	On Extracting Perception-Based Features for Effective Similar Shader Retreival. , 2011, , .		2
86	On Analyzing User Ratings and Directional Trusts in Epinions.com. , 2011, , .		0
87	Efficient processing of spatial joins with DOT-based indexing. Information Sciences, 2010, 180, 1292-1312.	6.9	2
88	Application of Linkclus in blogosphere. , 2010, , .		0
89	CentralMatch: A Fast and Accurate Method to Identify Blog-Duplicates. , 2010, , .		1
90	Clustering and Non-clustering Effects in Flash Memory Databases. , 2009, , .		4

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91	K-Nearest Neighbor query processing methods in road network space: Performance evaluation. , 2009, , .		1
92	Trajectory clustering in road network environment. , 2009, , .		39
93	Dimensionality reduction for similarity search with the Euclidean distance in high-dimensional applications. Multimedia Tools and Applications, 2009, 42, 251-271.	3.9	8
94	Effective dimensionality reduction in multimedia applications. , 2009, , .		0
95	Privacy preserving data mining of sequential patterns for network traffic data. Information Sciences, 2008, 178, 694-713.	6.9	23
96	Using multiple indexes for efficient subsequence matching in time-series databases. Information Sciences, 2007, 177, 5691-5706.	6.9	21
97	Shape-based retrieval in time-series databases. Journal of Systems and Software, 2006, 79, 191-203.	4.5	8
98	A Subsequence Matching Algorithm that Supports Normalization Transform in Time-Series Databases. Data Mining and Knowledge Discovery, 2004, 9, 5-28.	3.7	34
99	Efficient processing of similarity search under time warping in sequence databases: an index-based approach. Information Systems, 2004, 29, 405-420.	3.6	31
100	Efficient processing of subsequence matching with the Euclidean metric in time-series databases. Information Processing Letters, 2004, 90, 253-260.	0.6	10