

# Optimal aggregation algorithms for middleware

Journal of Computer and System Sciences

66, 614-656

DOI: [10.1016/s0022-0000\(03\)00026-6](https://doi.org/10.1016/s0022-0000(03)00026-6)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Efficient maintenance of materialized top-k views. , 0, , .		17
2	Joining massive high-dimensional datasets. , 0, , .		4
3	Efficient similarity search and classification via rank aggregation. , 2003, , .		217
4	Towards efficient image retrieval based on multiple features. , 0, , .		2
5	Efficient IR-Style Keyword Search over Relational Databases. , 2003, , 850-861.		315
6	Evaluating top- k queries over web-accessible databases. ACM Transactions on Database Systems, 2004, 29, 319-362.	1.5	219
7	On the integration of structure indexes and inverted lists. , 2004, , .		99
8	Group Modeling: Selecting a Sequence of Television Items to Suit a Group of Viewers. Human-computer Interaction Series, 2004, , 93-141.	0.4	42
9	Efficient top-K query calculation in distributed networks. , 2004, , .		173
10	On the memory requirements of XPath evaluation over XML streams. , 2004, , .		33
11	Optimal adaptive algorithms for finding the nearest and farthest point on a parametric black-box curve. , 2004, , .		2
12	Group Modeling: Selecting a Sequence of Television Items to Suit a Group of Viewers. User Modeling and User-Adapted Interaction, 2004, 14, 37-85.	2.9	272
13	VDBMS: A testbed facility for research in video database benchmarking. Multimedia Systems, 2004, 9, 575-585.	3.0	9
14	Algorithms and applications for answering ranked queries using ranked views. VLDB Journal, 2004, 13, 49-70.	2.7	88
15	Supporting top-k join queries in relational databases. VLDB Journal, 2004, 13, 207.	2.7	169
16	Searching Databases with Keywords. Journal of Computer Science and Technology, 2005, 20, 55-62.	0.9	27
17	The threshold join algorithm for top-k queries in distributed sensor networks. , 2005, , .		62
18	Buffering in query evaluation over XML streams. , 2005, , .		34

#	ARTICLE	IF	CITATIONS
19	Efficient and self-tuning incremental query expansion for top-k query processing. , 2005, , .		38
20	Three-level caching for efficient query processing in large Web search engines. , 2005, , .		107
21	Optimizing cursor movement in holistic twig joins. , 2005, , .		30
22	RankFP: A Framework for Supporting Rank Formulation and Processing. , 0, , .		10
23	OPTIMAL ADAPTIVE ALGORITHMS FOR FINDING THE NEAREST AND FARTHEST POINT ON A PARAMETRIC BLACK-BOX CURVE. International Journal of Computational Geometry and Applications, 2005, 15, 327-350.	0.3	7
25	OverCite: A Cooperative Digital Research Library. Lecture Notes in Computer Science, 2005, , 69-79.	1.0	27
27	Insights from Viewing Ranked Retrieval as Rank Aggregation. , 0, , .		2
28	Efficient Relational Joins with Arithmetic Constraints on Multiple Attributes. , 0, , .		2
29	A lattice framework for reusing top-k query results. , 0, , .		1
30	Supporting Ranked Join in Peer-to-Peer Networks. , 0, , .		2
31	Chapter 17 Fuzzy logic aggregation for semantic web search for the best (top-k) answer. Capturing Intelligence, 2006, 1, 341-359.	1.5	11
32	Efficient Batch Top-k Search for Dictionary-based Entity Recognition. , 2006, , .		46
34	Filter ranking in high-dimensional space. Data and Knowledge Engineering, 2006, 56, 245-286.	2.1	4
35	Reducing network traffic in unstructured P2P systems using Top-k queries. Distributed and Parallel Databases, 2006, 19, 67-86.	1.0	49
36	Toward efficient multifeature query processing. IEEE Transactions on Knowledge and Data Engineering, 2006, 18, 350-362.	4.0	8
37	Type less, find more. , 2006, , .		110
38	Visualizing tags over time. , 2006, , .		140
39	Best-k queries on database systems. , 2006, , .		2

#	ARTICLE	IF	CITATIONS
40	Processing relaxed skylines in PDMS using distributed data summaries. , 2006, , .		43
41	Veracity radius. , 2006, , .		17
42	Distributed spatio-temporal similarity search. , 2006, , .		33
43	Ranking objects based on relationships. , 2006, , .		43
45	Practical Preference Relations for Large Data Sets. , 2007, , .		3
47	A rank algebra to support multimedia mining applications. , 2007, , .		0
48	A time machine for text search. , 2007, , .		64
49	Rank Aggregation for Automatic Schema Matching. IEEE Transactions on Knowledge and Data Engineering, 2007, 19, 538-553.	4.0	37
50	Probe Minimization by Schedule Optimization: Supporting Top-K Queries with Expensive Predicates. IEEE Transactions on Knowledge and Data Engineering, 2007, 19, 646-662.	4.0	32
51	Reverse Nearest Neighbors Search in Ad Hoc Subspaces. IEEE Transactions on Knowledge and Data Engineering, 2007, 19, 412-426.	4.0	38
52	Visualizing tags over time. ACM Transactions on the Web, 2007, 1, 7.	2.0	56
53	The TopX DB&IR engine. , 2007, , .		8
54	An Evaluation Framework for Multidimensional Multimedia Descriptor Indexing. , 2007, , .		5
55	Optimization of Top-k Query in Sensor Networks with Limited Memory. , 2007, , .		0
56	Multi-source Skyline Query Processing in Road Networks. , 2007, , .		138
57	WSRank: A New Algorithm for Ranking Web Services. , 2007, , 529-539.		0
58	Self Managing Top-k (Summary, Keyword) Indexes in XML Retrieval. , 2007, , .		2
59	Behavior Patterns of Information Discovery in Social Bookmarking Service. , 2007, , .		6

#	ARTICLE	IF	CITATIONS
60	Integrating OLAP and Ranking: The Ranking-Cube Methodology. , 2007, , .		1
61	Information Extraction. Foundations and Trends in Databases, 2007, 1, 261-377.	4.1	500
63	ArHeX: Flexible Composition of Indexes and Similarity Measures for XML , 2007, , .		4
64	Efficient top-k processing in large-scaled distributed environments. Data and Knowledge Engineering, 2007, 63, 315-335.	2.1	29
65	On the memory requirements of XPath evaluation over XML streams. Journal of Computer and System Sciences, 2007, 73, 391-441.	0.9	22
66	Algebraic query optimization for distributed top-k queries. Computer Science - Research and Development, 2007, 21, 197-211.	0.9	2
67	TopX: efficient and versatile top-k query processing for semistructured data. VLDB Journal, 2008, 17, 81-115.	2.7	65
68	Modelling retrieval models in a probabilistic relational algebra with a new operator: the relational Bayes. VLDB Journal, 2007, 17, 5-37.	2.7	21
69	Semantic representation of multimedia content: Knowledge representation and semantic indexing. Multimedia Tools and Applications, 2008, 39, 293-327.	2.6	11
70	System support for exploration and expert feedback in resolving conflicts during integration of metadata. VLDB Journal, 2008, 17, 1407-1444.	2.7	8
71	Optimally Adaptive Integration of Univariate Lipschitz Functions. Algorithmica, 2008, 50, 255-278.	1.0	6
73	A Recommendation System for Preconditioned Iterative Solvers. , 2008, , .		6
74	Approximate Boolean + Ranking Query Answering Using Wavelets. , 2008, , .		0
75	A Context-Sensitive Approach for Web Database Query Results Ranking. , 2008, , .		2
76	Scalable ranked publish/subscribe. Proceedings of the VLDB Endowment, 2008, 1, 451-462.	2.1	35
77	Sharing Data, Information and Knowledge. Lecture Notes in Computer Science, 2008, , .	1.0	4
78	Multi-dimensional search for personal information management systems. , 2008, , .		13
79	Efficient top-k querying over social-tagging networks. , 2008, , .		106

#	ARTICLE	IF	CITATIONS
80	A survey of top- <i>k</i> query processing techniques in relational database systems. ACM Computing Surveys, 2008, 40, 1-58.	16.1	616
81	Authenticating the query results of text search engines. Proceedings of the VLDB Endowment, 2008, 1, 126-137.	2.1	101
82	Probabilistic top- <i>k</i> and ranking-aggregate queries. ACM Transactions on Database Systems, 2008, 33, 1-54.	1.5	64
83	Ad-hoc aggregations of ranked lists in the presence of hierarchies. , 2008, , .		9
84	Fuzzy Multi-Dimensional Search in the Wayfinder File System. , 2008, , .		0
85	Evaluating rank joins with optimal cost. , 2008, , .		46
86	To tag or not to tag -. , 2008, , .		9
87	Efficient online top-K retrieval with arbitrary similarity measures. , 2008, , .		19
88	Stretch 'n' shrink. , 2008, , .		1
89	Similarity-based prediction of travel times for vehicles traveling on known routes. , 2008, , .		46
90	Efficient search for the top-k probable nearest neighbors in uncertain databases. Proceedings of the VLDB Endowment, 2008, 1, 326-339.	2.1	105
91	Efficient Evaluation of Multiple Preference Queries. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	4
92	An Incremental Threshold Method for Continuous Text Search Queries. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	8
93	Confidence-Aware Join Algorithms. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	16
94	Towards Generic and Efficient Distributed Top-k Monitoring. , 2009, , .		0
95	Efficient Top-K Problem Solvings for More Users in Tree-Oriented Data Structures. , 2009, , .		0
96	A Ranking Theory for Uncertain Data with Constraints. , 2009, , .		1
97	Efficient retrieval of the top-k most relevant spatial web objects. Proceedings of the VLDB Endowment, 2009, 2, 337-348.	2.1	402

#	ARTICLE	IF	CITATIONS
98	Engineering search computing applications. , 2009, , .		3
99	Evaluating top-k queries over incomplete data streams. , 2009, , .		41
100	Efficient skyline retrieval with arbitrary similarity measures. , 2009, , .		2
101	View usability and safety for the answering of top-k queries via materialized views. , 2009, , .		6
102	Skip-and-prune. , 2009, , .		10
103	Top- <i>k</i> aggregation using intersections of ranked inputs. , 2009, , .		18
104	The Geometry of Binary Search Trees. , 2009, , .		21
105	AlphaSum. , 2009, , .		10
106	Interactive query refinement. , 2009, , .		69
107	Anonymizing moving objects. , 2009, , .		100
108	Distributed Skyline Retrieval with Low Bandwidth Consumption. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 384-400.	4.0	48
109	Fast shortest path distance estimation in large networks. , 2009, , .		188
110	A search-based method for forecasting ad impression in contextual advertising. , 2009, , .		15
111	Instance optimal query processing in spatial networks. VLDB Journal, 2009, 18, 675-693.	2.7	33
112	Distributed top-k aggregation queries at large. Distributed and Parallel Databases, 2009, 26, 3-27.	1.0	14
113	Routing Questions to the Right Users in Online Communities. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	75
114	A Top-k Query Calculation Algorithm in Distributed Networks with Probabilistic Guarantees. , 2009, , .		0
115	Meta Data Manager. , 2009, , 1718-1718.		0

#	ARTICLE	IF	CITATIONS
116	A Novel Top-k Query Scheme in Unstructured P2P Networks. , 2009, , .		2
117	An Approximate Top-k Query Algorithm in Distributed Networks. , 2009, , .		0
118	Instance-Optimal Geometric Algorithms. , 2009, , .		14
119	Top-k Set Similarity Joins. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	131
120	Keyword Search over Dynamic Categorized Information. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	6
121	Best-Effort Top-k Query Processing Under Budgetary Constraints. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	23
123	A fair assignment algorithm for multiple preference queries. Proceedings of the VLDB Endowment, 2009, 2, 1054-1065.	2.1	0
124	Autocompletion for mashups. Proceedings of the VLDB Endowment, 2009, 2, 538-549.	2.1	79
125	Retrieving top-k prestige-based relevant spatial web objects. Proceedings of the VLDB Endowment, 2010, 3, 373-384.	2.1	87
126	Top-k ranking for uncertain data. , 2010, , .		1
127	Efficient and effective similarity search over probabilistic data based on earth mover's distance. Proceedings of the VLDB Endowment, 2010, 3, 758-769.	2.1	32
128	Optimal top-k query evaluation for weighted business processes. Proceedings of the VLDB Endowment, 2010, 3, 940-951.	2.1	9
129	Maintenance of top-k materialized views. Distributed and Parallel Databases, 2010, 27, 95-137.	1.0	5
130	Subspace similarity search using the ideas of ranking and top-k retrieval. , 2010, , .		7
131	TASM: Top-k Approximate Subtree Matching. , 2010, , .		22
132	Effectively Indexing the Uncertain Space. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 1247-1261.	4.0	22
133	Optimal algorithms for evaluating rank joins in database systems. ACM Transactions on Database Systems, 2010, 35, 1-47.	1.5	14
134	Durable top-k search in document archives. , 2010, , .		18



#	ARTICLE	IF	CITATIONS
135	Efficient wikipedia-based semantic interpreter by exploiting top-k processing. , 2010, , .		2
136	Revisiting globally sorted indexes for efficient document retrieval. , 2010, , .		15
137	Constructing and exploring composite items. , 2010, , .		32
138	On continuous monitoring top-k unsafe moving objects. , 2010, , .		1
139	Transducing Markov sequences. , 2010, , .		9
140	Efficient term proximity search with term-pair indexes. , 2010, , .		31
141	Breaking out of the box of recommendations. , 2010, , .		78
142	Prognostics-Based Identification of the Top-\$k\$ Units in a Fleet. IEEE Transactions on Automation Science and Engineering, 2010, 7, 37-48.	3.4	19
143	Preference queries in large multi-cost transportation networks. , 2010, , .		33
144	Energy-efficient top-k query processing in wireless sensor networks. , 2010, , .		17
145	From Active Data Management to Event-Based Systems and More. Lecture Notes in Computer Science, 2010, , .	1.0	14
146	SONNET: Efficient Approximate Nearest Neighbor Using Multi-core. , 2010, , .		4
147	An Efficient Strategy for Ranged Top-K Query over Web Services. , 2011, , .		0
148	Performance Optimization of Top-k Queries on GPU. , 2011, , .		1
149	Efficient similarity joins for near-duplicate detection. ACM Transactions on Database Systems, 2011, 36, 1-41.	1.5	230
150	Efficient and fast distributed top-k query protocol in wireless sensor networks. , 2011, , .		3
151	Search Computing. Lecture Notes in Computer Science, 2011, , .	1.0	7
152	Schema Matching and Mapping. , 2011, , .		180

#	ARTICLE	IF	CITATIONS
154	RanKloud: Scalable Multimedia Data Processing in Server Clusters. IEEE MultiMedia, 2011, 18, 64-77.	1.5	26
155	A combined measure for representative information retrieval in enterprise information systems. Journal of Enterprise Information Management, 2011, 24, 310-321.	4.4	15
156	Building wavelet histograms on large data in MapReduce. Proceedings of the VLDB Endowment, 2011, 5, 109-120.	2.1	27
157	Hyper-local, directions-based ranking of places. Proceedings of the VLDB Endowment, 2011, 4, 290-301.	2.1	34
158	On the semantics of top- $k$ query processing. Proceedings of the VLDB Endowment, 2011, 4, 290-301. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/struct-bib/dtd"</small>	1.4	1
159	Computer A distributed full-text top-k document dissemination system in distributed hash tables. World Wide Web, 2011, 14, 545-572.	2.7	7
160	Supporting early pruning in top-k query processing on massive data. Information Processing Letters, 2011, 111, 524-532.	0.4	6
161	Best position algorithms for efficient top-k query processing. Information Systems, 2011, 36, 973-989.	2.4	18
162	Adding structure to top-k. , 2011, , .		1
163	SNFS. , 2011, , .		0
164	Improving local search ranking through external logs. , 2011, , .		13
165	Unified structure and content search for personal information management systems. , 2011, , .		2
166	Efficient and generic evaluation of ranked queries. , 2011, , .		7
167	Factorization-based lossless compression of inverted indices. , 2011, , .		3
168	TopRecs. , 2011, , .		15
169	RanKloud. , 2011, , .		8
170	Maximizing conjunctive views in deletion propagation. , 2011, , .		5
171	Reverse spatial and textual k nearest neighbor search. , 2011, , .		109

#	ARTICLE	IF	CITATIONS
172	Sharing work in keyword search over databases. , 2011, , .		5
173	Preference-based top-k spatial keyword queries. , 2011, , .		2
174	Finding information nebula over large networks. , 2011, , .		1
175	Query efficiency prediction for dynamic pruning. , 2011, , .		4
176	TEXplorer. , 2011, , .		15
177	CompRec-Trip: A composite recommendation system for travel planning. , 2011, , .		30
178	A distributed top-k query algorithm integrated k-Cone structure for DHT overlay networks. , 2011, , .		0
179	Extending vector space model for XML ranking. , 2011, , .		0
180	A unified approach for computing top-k pairs in multidimensional space. , 2011, , .		10
181	Upper-bound approximations for dynamic pruning. ACM Transactions on Information Systems, 2011, 29, 1-28.	3.8	28
182	Top Subspace Synthesizing for Promotional Subspace Mining. , 2011, , .		0
183	Optimal sampling algorithms for frequency estimation in distributed data. , 2011, , .		12
184	Exact Top-K Queries in Wireless Sensor Networks. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1513-1525.	4.0	37
185	Enhancing the Capabilities of Attribute Correspondences. , 2011, , 53-73.		4
186	Efficient Keyword-Based Search for Top-K Cells in Text Cube. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1795-1810.	4.0	12
187	Efficient Top-k Approximate Subtree Matching in Small Memory. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1123-1137.	4.0	13
188	Efficient Evaluation of Continuous Text Search Queries. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1469-1482.	4.0	15
189	Efficient reverse skyline retrieval with arbitrary non-metric similarity measures. , 2011, , .		17

#	ARTICLE	IF	CITATIONS
190	Trajectory anonymity in publishing personal mobility data. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2011, 13, 30-42.	3.2	57
191	Top- <i>k</i> query processing for combinatorial objects using Euclidean distance. , 2011, , .		3
192	Query Answer Authentication. Synthesis Lectures on Data Management, 2012, 4, 1-103.	0.6	6
193	Cost-Aware Rank Join with Random and Sorted Access. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 2143-2155.	4.0	11
194	High-performance processing of text queries with tunable pruned term and term pair indexes. ACM Transactions on Information Systems, 2012, 30, 1-32.	3.8	10
195	Diversifying top- <i>k</i> results. Proceedings of the VLDB Endowment, 2012, 5, 1124-1135.	2.1	72
196	Computing immutable regions for subspace top- <i>k</i> queries. Proceedings of the VLDB Endowment, 2012, 6, 73-84.	2.1	8
197	Efficient Multidimensional Fuzzy Search for Personal Information Management Systems. IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 1584-1597.	4.0	7
198	On the complexity of package recommendation problems. , 2012, , .		17
199	Learning to predict response times for online query scheduling. , 2012, , .		56
200	Being picky. , 2012, , .		1
201	Optimal top- <i>k</i> generation of attribute combinations based on ranked lists. , 2012, , .		7
202	Optimized top- <i>k</i> processing with global page scores on block-max indexes. , 2012, , .		24
203	Efficient approximation of the maximal preference scores by lightweight cubic views. , 2012, , .		1
204	Fast top- <i>k</i> retrieval for model based recommendation. , 2012, , .		19
205	On Evaluation of Outlier Rankings and Outlier Scores. , 2012, , .		95
206	Parallel processing the keyword search in uncertain environment. , 2012, , .		1
207	Proximity measures for rank join. ACM Transactions on Database Systems, 2012, 37, 1-46.	1.5	7

#	ARTICLE	IF	CITATIONS
208	Maximizing Conjunctive Views in Deletion Propagation. ACM Transactions on Database Systems, 2012, 37, 1-37.	1.5	23
209	A framework for efficient spatial web object retrieval. VLDB Journal, 2012, 21, 797-822.	2.7	111
210	Efficient processing of top-k queries: selective NRA algorithms. Journal of Intelligent Information Systems, 2012, 39, 687-710.	2.8	2
211	Efficiently Monitoring Top-k Pairs over Sliding Windows. , 2012, , .		20
212	Efficient Dual-Resolution Layer Indexing for Top-k Queries. , 2012, , .		9
213	Answering Why-not Questions on Top-k Queries. , 2012, , .		44
214	Parallel Top-K Similarity Join Algorithms Using MapReduce. , 2012, , .		52
215	Ranking under Tight Budgets. , 2012, , .		0
216	A Dual Hashtables Algorithm for Durable Top-k Search. , 2012, , .		0
217	P2P Techniques for Decentralized Applications. Synthesis Lectures on Data Management, 2012, 4, 1-104.	0.6	2
218	Multi-Index Multi-Object Content-Based Retrieval. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 4036-4049.	2.7	7
220	Database and Expert Systems Applications. Lecture Notes in Computer Science, 2012, , .	1.0	0
221	Conceptual Modeling. Lecture Notes in Computer Science, 2012, , .	1.0	6
222	A Preference-Aware Query Model for Data Web Services. Lecture Notes in Computer Science, 2012, , 409-422.	1.0	0
223	Efficient and Effective Aggregate Keyword Search on Relational Databases. International Journal of Data Warehousing and Mining, 2012, 8, 41-81.	0.4	2
224	On optimality-ratio and coverage in ranking of joined search results. Distributed and Parallel Databases, 2012, 30, 209-237.	1.0	2
225	Distributed top-k full-text content dissemination. Distributed and Parallel Databases, 2012, 30, 273-301.	1.0	1
226	Composite recommendations: from items to packages. Frontiers of Computer Science, 2012, 6, 264-277.	1.6	10

#	ARTICLE	IF	CITATIONS
227	Efficient and effective similarity search over probabilistic data based on Earth Mover's Distance. VLDB Journal, 2012, 21, 535-559.	2.7	17
228	Supporting efficient distributed skyline computation using skyline views. Information Sciences, 2012, 194, 24-37.	4.0	5
229	Group skyline computation. Information Sciences, 2012, 188, 151-169.	4.0	40
230	Computational Science and Its Applications " ICCSA 2013. Lecture Notes in Computer Science, 2013, , .	1.0	1
231	Pegasus: Precision hunting for icebergs and anomalies in network flows. , 2013, , .		11
232	Advances in Spatial and Temporal Databases. Lecture Notes in Computer Science, 2013, , .	1.0	0
233	Top-k queries over web applications. VLDB Journal, 2013, 22, 519-542.	2.7	3
234	Execution and optimization techniques for approximate queries in heterogeneous systems. Programming and Computer Software, 2013, 39, 309-317.	0.5	1
235	LSII: An indexing structure for exact real-time search on microblogs. , 2013, , .		9
236	Top-k query processing in probabilistic databases with non-materialized views. , 2013, , .		21
237	CrowdPlanr: Planning made easy with crowd. , 2013, , .		16
238	Efficient and effective retrieval using selective pruning. , 2013, , .		50
239	TJJE: An efficient algorithm for top-k join on massive data. Information Sciences, 2013, 222, 362-383.	4.0	4
240	Efficient identification and approximation of k-nearest moving neighbors. , 2013, , .		3
241	Applying theory to practice. , 2013, , .		0
242	Efficient top-k query answering using cached views. , 2013, , .		20
243	Generating informative snippet to maximize item visibility. , 2013, , .		1
244	Context-aware top-K processing using views. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
245	Skyline queries, front and back. SIGMOD Record, 2013, 42, 6-18.	0.7	70
246	Mixed model for prediction of bus arrival times. , 2013, , .		4
247	On the Complexity of Package Recommendation Problems. SIAM Journal on Computing, 2013, 42, 1940-1986.	0.8	13
248	Distributed sparse signal recovery for sensor networks. , 2013, , .		17
249	A user preference-based top-K ranking approach for XML query results. , 2013, , .		0
250	Determining the relative accuracy of attributes. , 2013, , .		32
251	Faster upper bounding of intersection sizes. , 2013, , .		8
252	Actively soliciting feedback for query answers in keyword search-based data integration. Proceedings of the VLDB Endowment, 2013, 6, 205-216.	2.1	17
253	Answering planning queries with the crowd. Proceedings of the VLDB Endowment, 2013, 6, 697-708.	2.1	26
254	Bitlist. Proceedings of the VLDB Endowment, 2013, 6, 1522-1533.	2.1	5
255	Processing Top- <i>N</i> Queries Based on <i>p</i> -Norm Distances. Applied Mechanics and Materials, 2014, 490-491, 1293-1297.	0.2	0
256	Efficient Retrieval of Top-K Most Similar Users from Travel Smart Card Data. , 2014, , .		12
257	A distributed approach for top-k star queries on massive information networks. , 2014, , .		11
258	Review on enabling document annotation using content and querying value. , 2014, , .		3
259	Multi-user Preferences Based Top-k Query Processing Algorithm. , 2014, , .		1
260	Beyond worst-case analysis for joins with minesweeper. , 2014, , .		30
261	Global immutable region computation. , 2014, , .		17
262	Processing spatial keyword query as a top-k aggregation query. , 2014, , .		57

#	ARTICLE	IF	CITATIONS
263	CoDEM. , 2014, , .		2
264	Information extraction based on probing algorithm with Bayesian approach. , 2014, , .		0
265	A system for management and analysis of preference data. Proceedings of the VLDB Endowment, 2014, 7, 1255-1258.	2.1	10
267	Querying Big Data: Bridging Theory and Practice. Journal of Computer Science and Technology, 2014, 29, 849-869.	0.9	23
268	Lightweight approximate top-k for distributed settings. , 2014, , .		1
269	Transducing Markov sequences. Journal of the ACM, 2014, 61, 1-48.	1.8	0
270	Effective ranking and search techniques for Web resources considering semantic relationships. Information Processing and Management, 2014, 50, 132-155.	5.4	32
271	Finding $k$ most favorite products based on reverse top- $t$ queries. VLDB Journal, 2014, 23, 541-564.	2.7	25
272	A Unified Framework for Answering $k$ Closest Pairs Queries and Variants. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2610-2624.	4.0	3
273	Toward Scalable Indexing for Top- $k$ Queries. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 3103-3116.	4.0	6
274	Facilitating Document Annotation Using Content and Querying Value. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 336-349.	4.0	16
275	Effective keyword query processing with an extended answer structure in large graph databases. International Journal of Web Information Systems, 2014, 10, 65-84.	1.3	1
276	Top K Query for QoS-Aware Automatic Service Composition. IEEE Transactions on Services Computing, 2014, 7, 681-695.	3.2	24
277	$k$ NN processing with co-space distance in SoLoMo systems. Expert Systems With Applications, 2014, 41, 6967-6982.	4.4	14
278	A framework for ranking uncertain distributed database. Data and Knowledge Engineering, 2014, 92, 1-19.	2.1	10
279	On the Complexity of Query Result Diversification. ACM Transactions on Database Systems, 2014, 39, 1-46.	1.5	14
280	Top- $k$ Approximate Answers to XPath Queries with Negation. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2561-2573.	4.0	1
281	Answering Why-Not Questions on Top-K Queries. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1300-1315.	4.0	31



#	ARTICLE	IF	CITATIONS
282	A Generic Framework for Top- $\langle \text{formula formulatype="inline"} \rangle \langle \text{tex Notation="TeX"} \rangle \{\text{schmi k}\} \langle / \text{tex} \rangle \langle / \text{formula} \rangle$ Pairs and Top- $\langle \text{formula formulatype="inline"} \rangle \langle \text{tex Notation="TeX"} \rangle \{\text{schmi k}\} \langle / \text{tex} \rangle \langle / \text{formula} \rangle$ Objects Queries over Sliding Windows. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1349-1366.	4.0	7
283	Efficient Algorithms and Cost Models for Reverse Spatial-Keyword $\langle i \rangle k \langle / i \rangle$ -Nearest Neighbor Search. ACM Transactions on Database Systems, 2014, 39, 1-46.	1.5	32
284	Evaluating a Stream of Relational KNNQueries by a Knowledge Base. International Journal of Cooperative Information Systems, 2015, 24, 1550003.	0.6	2
285	SPARQL queries on RDF with fuzzy constraints and preferences. Journal of Intelligent and Fuzzy Systems, 2015, 30, 183-195.	0.8	21
286	Real-time targeted influence maximization for online advertisements. Proceedings of the VLDB Endowment, 2015, 8, 1070-1081.	2.1	136
287	Supporting online analytics with user-defined estimation and early termination in a MapReduce-like framework. , 2015, , .		2
288	Efficient Top-k Retrieval on Massive Data. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2687-2699.	4.0	10
289	MARS: A multi-aspect Recommender system for Point-of-Interest. , 2015, , .		4
292	An Experimental Evaluation of Aggregation Algorithms for Processing Top-K Queries. , 2015, , .		0
293	Querying Web-Scale Information Networks Through Bounding Matching Scores. , 2015, , .		17
294	A Top-k query algorithm for big data based on MapReduce. , 2015, , .		1
296	Active learning in keyword search-based data integration. VLDB Journal, 2015, 24, 611-631.	2.7	11
298	Monoidal functional dependencies. Journal of Computer and System Sciences, 2015, 81, 1357-1372.	0.9	1
299	A time optimized scheme for top-k list maintenance over incomplete data streams. Information Sciences, 2015, 311, 59-73.	4.0	19
300	Distributed Online Tracking. , 2015, , .		7
301	S4. , 2015, , .		40
302	Face Image Retrieval Revisited. Lecture Notes in Computer Science, 2015, , 204-216.	1.0	4
303	Similarity Search and Applications. Lecture Notes in Computer Science, 2015, , .	1.0	2

#	ARTICLE	IF	CITATIONS
305	Distributed top-k query processing on multi-dimensional data with keywords. , 2015, , .		10
306	Model-Based Automated Navigation and Composition of Complex Service Mashups. IEEE Transactions on Services Computing, 2015, 8, 494-506.	3.2	66
307	Best Keyword Cover Search. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 61-73.	4.0	43
308	TDEP: efficiently processing top-k dominating query on massive data. Knowledge and Information Systems, 2015, 43, 689-718.	2.1	20
309	Ranked content advertising in online social networks. World Wide Web, 2015, 18, 661-679.	2.7	3
310	Efficient processing of optimal meeting point queries in Euclidean space and road networks. Knowledge and Information Systems, 2015, 42, 319-351.	2.1	68
311	ALPS: an efficient algorithm for top-k spatial preference search in road networks. Knowledge and Information Systems, 2015, 42, 599-631.	2.1	12
312	Authentication of Moving Top-k Spatial Keyword Queries. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 922-935.	4.0	34
313	Efficient processing of keyword queries over graph databases for finding effective answers. Information Processing and Management, 2015, 51, 42-57.	5.4	16
314	On recommendation problems beyond points of interest. Information Systems, 2015, 48, 64-88.	2.4	7
315	Joint Search by Social and Spatial Proximity. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 781-793.	4.0	28
316	Ranking distributed database in tuple-level uncertainty. Soft Computing, 2015, 19, 965-980.	2.1	4
317	DIRA : A Framework of Data Integration Using Data Quality. International Journal of Data Mining & Knowledge Management Process, 2016, 6, 37-58.	0.1	1
318	Communication Efficient Algorithms for Top-k Selection Problems. , 2016, , .		3
319	Forming Grouped Teams with Efficient Collaboration in Social Networks. Computer Journal, 0, , .	1.5	2
320	Intelligent top k query answering using meta-data base. Intelligent Decision Technologies, 2016, 10, 1-12.	0.6	4
321	Recommending Packages to Groups. , 2016, , .		26
322	Top-k and Skyline for Cloud Services Research and Selection System. , 2016, , .		15

#	ARTICLE	IF	CITATIONS
323	Relation-valued attributes in rank-aware databases and related concepts. , 2016, , .		0
324	Efficient and Progressive Group Steiner Tree Search. , 2016, , .		28
325	Context-Aware Sensor Search Framework in Semantic Web of Things. , 2016, , .		4
326	Top-k Query Based on Map Reduce. , 2016, , .		0
327	Explaining Missing Answers to Top-k SQL Queries. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2071-2085.	4.0	2
328	String similarity search and join: a survey. Frontiers of Computer Science, 2016, 10, 399-417.	1.6	100
329	Database Systems for Advanced Applications. Lecture Notes in Computer Science, 2016, , .	1.0	4
330	D-Ocean: an unstructured data management system for data ocean environment. Frontiers of Computer Science, 2016, 10, 353-369.	1.6	12
331	Exact and efficient top-K inference for multi-target prediction by querying separable linear relational models. Data Mining and Knowledge Discovery, 2016, 30, 1370-1394.	2.4	1
332	Is the problem list in the eye of the beholder? An exploration of consistency across physicians. Journal of the American Medical Informatics Association: JAMIA, 2016, 23, 859-865.	2.2	20
333	Evaluating Top-N queries in n-dimensional normed spaces. Information Sciences, 2016, 374, 255-275.	4.0	4
334	Efficient Processing of Relevant Nearest-Neighbor Queries. ACM Transactions on Spatial Algorithms and Systems, 2016, 2, 1-28.	1.1	3
335	Relational division in rank-aware databases. Information Sciences, 2016, 366, 48-69.	4.0	4
336	MuVE: Efficient Multi-Objective View Recommendation for Visual Data Exploration. , 2016, , .		38
337	On Implementing a Text-Database-as-a-Service. , 2016, , .		0
338	Fast top-k search in knowledge graphs. , 2016, , .		41
339	Authentication of function queries. , 2016, , .		11
340	The research on the algorithm of key nodes detection in social network. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
341	Top Favorite Probabilistic Products Queries. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2808-2821.	4.0	43
342	Finding a representative subset from large-scale documents. Journal of Informetrics, 2016, 10, 762-775.	1.4	12
343	TKAP: Efficiently processing top-k query on massive data by adaptive pruning. Knowledge and Information Systems, 2016, 47, 301-328.	2.1	5
344	D8-tree. , 2016, , .		4
345	Crowdsourced Data Management: A Survey. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2296-2319.	4.0	217
346	Ranking of high-value social audiences on Twitter. Decision Support Systems, 2016, 85, 34-48.	3.5	33
348	Recommend top-k most downloaded files in the chord-based P2P file-sharing system. Peer-to-Peer Networking and Applications, 2017, 10, 208-215.	2.6	0
349	Computational Fact Checking through Query Perturbations. ACM Transactions on Database Systems, 2017, 42, 1-41.	1.5	21
350	Continuous Top-k Monitoring on Document Streams. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 991-1003.	4.0	10
351	Querying Web-Scale Knowledge Graphs Through Effective Pruning of Search Space. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 2342-2356.	4.0	16
352	Reducing Controversy by Connecting Opposing Views. , 2017, , .		99
353	Efficient Top-k Dominating Computation on Massive Data. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1199-1211.	4.0	13
354	Fairness in Package-to-Group Recommendations. , 2017, , .		66
355	Compact Indexing and Judicious Searching for Billion-Scale Microblog Retrieval. ACM Transactions on Information Systems, 2017, 35, 1-24.	3.8	6
356	Answering Top-k Exemplar Trajectory Queries. , 2017, , .		26
357	Towards heterogeneous keyword search. , 2017, , .		4
358	Best optimal route cover search using spatial keyword covering. , 2017, , .		0
359	Instance-Optimal Geometric Algorithms. Journal of the ACM, 2017, 64, 1-38.	1.8	11

#	ARTICLE	IF	CITATIONS
360	CrowdK: Answering top- k queries with crowdsourcing. Information Sciences, 2017, 399, 98-120.	4.0	17
361	Top-k coupled keyword recommendation for relational keyword queries. Knowledge and Information Systems, 2017, 50, 883-916.	2.1	4
362	P-LAG: Location-Aware Group Recommendation for Passive Users. Lecture Notes in Computer Science, 2017, , 242-259.	1.0	2
363	Fast k-Nearest Neighbor Search for Face Identification Using Bounds of Residual Score. , 2017, , .		4
364	Efficient schemes for similarity-aware refinement of aggregation queries. World Wide Web, 2017, 20, 1237-1267.	2.7	4
365	Performance Prediction for Graph Queries. , 2017, , .		4
366	Exploratory product search using top-k join queries. Information Systems, 2017, 64, 75-92.	2.4	1
367	Hybrid Indexes for Spatial-Visual Search. , 2017, , .		15
368	Efficient Computation of Subspace Skyline over Categorical Domains. , 2017, , .		9
369	Efficient diversified set monitoring for mobile sensor stream environments. , 2017, , .		1
370	Top-k Cloud Service Plans Using Trust and QoS. , 2017, , .		1
371	Urbanity. , 2017, , .		3
372	Top-K Similar Access Behavior Based On Structural Equivalence. , 2017, , .		0
373	Top-N Query Processing with Real-time Entity Resolution. , 2017, , .		1
374	Efficient Parallel Processing for KNN Queries. , 2017, , .		2
375	Flexible and Fast Similarity Search for Enriched Trajectories. IEICE Transactions on Information and Systems, 2017, E100.D, 2081-2091.	0.4	0
376	A Unified Processing Paradigm for Interactive Location-based Web Search. , 2018, , .		6
377	Top-k Category Search for an IP Address-Product Network. Communications in Computer and Information Science, 2018, , 296-311.	0.4	0

#	ARTICLE	IF	CITATIONS
378	Social-Aware Spatial Top-k and Skyline Queries. Computer Journal, 0, , .	1.5	6
379	<sc>TopKube</sc>: A Rank-Aware Data Cube for Real-Time Exploration of Spatiotemporal Data. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 1394-1407.	2.9	32
380	Combined geo-social search: computing top-k join queries over incomplete information. Geoinformatica, 2018, 22, 615-660.	2.0	2
381	Efficient Recommendation of Aggregate Data Visualizations. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 263-277.	4.0	18
382	Ontological query answering under many-valued group preferences in Datalog+“â€“. International Journal of Approximate Reasoning, 2018, 93, 354-371.	1.9	4
383	Recommending packages with validity constraints to groups of users. Knowledge and Information Systems, 2018, 54, 345-374.	2.1	7
384	Parallelizing top-k frequent spatiotemporal terms computation on key-value stores. , 2018, , .		1
385	Optimally Leveraging Density and Locality for Exploratory Browsing and Sampling. , 2018, , .		10
386	Fast Bag-Of-Words Candidate Selection in Content-Based Instance Retrieval Systems. , 2018, , .		2
387	Discussions on Subgraph Ranking for Keyworded Search. , 2018, , .		3
388	Torch. , 2018, , .		44
389	R-Precision. , 2018, , 3258-3258.		0
390	Top-k Query Processing over Distributed Sensitive Data. , 2018, , .		3
391	Searching for Truth in a Database of Statistics. , 2018, , .		3
392	Crowdsourced Data Management. , 2018, , .		1
393	Effective keyword search on graph data using limited root redundancy of answer trees. International Journal of Web Information Systems, 2018, 14, 299-316.	1.3	3
394	Automatic Diagnosis With Efficient Medical Case Searching Based on Evolving Graphs. IEEE Access, 2018, 6, 53307-53318.	2.6	16
395	Privacy-Preserving Top-k Query Processing in Distributed Systems. Lecture Notes in Computer Science, 2018, , 281-292.	1.0	1

#	ARTICLE	IF	CITATIONS
396	Location-Aware Group Preference Queries in Social-Networks. Lecture Notes in Computer Science, 2018, , 53-67.	1.0	7
397	Human resource allocation or recommendation based on multi-factor criteria in on-demand and batch scenarios. European Journal of Industrial Engineering, 2018, 12, 364.	0.5	14
398	Databases Theory and Applications. Lecture Notes in Computer Science, 2018, , .	1.0	0
399	Optimal Instance Adaptive Algorithm for the Top-\$K\$ Ranking Problem. IEEE Transactions on Information Theory, 2018, 64, 6139-6160.	1.5	2
400	A Survey on Expert Recommendation in Community Question Answering. Journal of Computer Science and Technology, 2018, 33, 625-653.	0.9	59
401	Any-k. , 2018, 2018, 489-498.		8
402	Weighted Aggregate Reverse Rank Queries. ACM Transactions on Spatial Algorithms and Systems, 2018, 4, 1-23.	1.1	1
403	Discovering Graph Functional Dependencies. , 2018, , .		23
404	Efficient continuous top-k geo-image search on road network. Multimedia Tools and Applications, 2019, 78, 30809-30838.	2.6	5
405	Analysis of ranking data. Wiley Interdisciplinary Reviews: Computational Statistics, 2019, 11, e1483.	2.1	13
406	Achieving Efficient and Privacy-Preserving Top-k Query Over Vertically Distributed Data Sources. , 2019, , .		4
407	Towards Longitudinal Analytics on Social Media Data. , 2019, , .		0
408	Top-k Queries over Digital Traces. , 2019, , .		1
409	A Scalable Index for Top-k Subtree Similarity Queries. , 2019, , .		5
410	Skyline Nearest Neighbor Search on Multi-layer Graphs. , 2019, , .		1
411	Top-k Spatial Keyword Quer with Typicality and Semantics. Lecture Notes in Computer Science, 2019, , 244-248.	1.0	1
412	Transactions on Large-Scale Data- and Knowledge-Centered Systems XLII. Lecture Notes in Computer Science, 2019, , .	1.0	0
413	Insta-Search. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
414	An Efficient Top-\$K\$ Spatial Keyword Typicality and Semantic Query. IEEE Access, 2019, 7, 138122-138135.	2.6	3
415	RRR. , 2019, , .		13
416	Designing Fair Ranking Schemes. , 2019, , .		83
417	Intelligent Traffic Analytics. , 2019, , .		7
418	A bibliometric analysis of aggregation operators. Applied Soft Computing Journal, 2019, 81, 105488.	4.1	64
419	MLE: A General Multi-Layer Ensemble Framework for Group Recommendation. Lecture Notes in Computer Science, 2019, , 351-366.	1.0	0
420	In Good Company: Efficient Retrieval of the Top-k Most Relevant Event-Partner Pairs. Lecture Notes in Computer Science, 2019, , 519-535.	1.0	2
421	Learning Multi-granularity Dynamic Network Representations for Social Recommendation. Lecture Notes in Computer Science, 2019, , 691-708.	1.0	0
422	Beyond worst-case analysis. Communications of the ACM, 2019, 62, 88-96.	3.3	21
423	Continuous top-k approximated join of streaming and evolving distributed data. Semantic Web, 2020, 11, 767-799.	1.1	1
424	Multidimensional Preference Query Optimization on Infrastructure Monitoring Systems. , 2019, , .		0
425	An Efficient Preference-Based Sensor Selection Method in Internet of Things. IEEE Access, 2019, 7, 168536-168547.	2.6	5
426	Look before you Hop: Conversational Question Answering over Knowledge Graphs Using Judicious Context Expansion. , 2019, , .		43
427	A Top-K Retrieval algorithm based on a decomposition of ranking functions. Information Sciences, 2019, 474, 136-153.	4.0	2
428	Real-time social recommendation based on graph embedding and temporal context. International Journal of Human Computer Studies, 2019, 121, 58-72.	3.7	25
429	Predictive Intelligence in Analytics Aggregation of Partial Ordered Subsets. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1417-1428.	5.9	0
430	Parallelization of \$Top_{k}\$ Algorithm Through a New Hybrid Recommendation System for Big Data in Spark Cloud Computing Framework. IEEE Systems Journal, 2021, 15, 4876-4886.	2.9	23
431	Algorithms for processing the group K nearest-neighbor query on distributed frameworks. Distributed and Parallel Databases, 2021, 39, 733-784.	1.0	6



#	ARTICLE	IF	CITATIONS
432	New Trends in Databases and Information Systems. Communications in Computer and Information Science, 2020, , .	0.4	0
433	I/O Efficient Approximate Nearest Neighbour Search based on Learned Functions. , 2020, , .		10
434	Toward Sampling for Deep Learning Model Diagnosis. , 2020, , .		2
435	Reverse Spatial Visual Top-\$k\$ Query. IEEE Access, 2020, 8, 21770-21787.	2.6	3
437	Combining instance and feature neighbours for extreme multi-label classification. International Journal of Data Science and Analytics, 2020, 10, 215-231.	2.4	5
438	Effective and efficient top-k query processing over incomplete data streams. Information Sciences, 2021, 544, 343-371.	4.0	8
439	EI-LSH: An early-termination driven I/O efficient incremental c-approximate nearest neighbor search. VLDB Journal, 2021, 30, 215-235.	2.7	7
440	Querying subjective data. VLDB Journal, 2021, 30, 115-140.	2.7	0
441	Aggregation for Flexible Challenge Response. Lecture Notes in Computer Science, 2021, , 209-222.	1.0	0
442	Algorithms and Complexity. , 2021, , 303-342.		0
443	Graph threshold algorithm. Journal of Supercomputing, 2021, 77, 9827-9847.	2.4	4
444	Distributed numerical and machine learning computations via two-phase execution of aggregated join trees. Proceedings of the VLDB Endowment, 2021, 14, 1228-1240.	2.1	4
445	A Survey on Trajectory Data Management, Analytics, and Learning. ACM Computing Surveys, 2022, 54, 1-36.	16.1	96
446	Anomalous Event Sequence Detection. IEEE Intelligent Systems, 2021, 36, 5-13.	4.0	6
447	Answering why-not questions on top- $k$ augmented spatial keyword queries. Knowledge-Based Systems, 2021, 223, 107047.	4.0	3
448	Data Stream Management for CPS-based Healthcare: A Contemporary Review. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2022, 39, 987-1010.	2.1	5
449	Simple Yet Efficient Algorithms for Maximum Inner Product Search via Extreme Order Statistics. , 2021, , .		2
450	Efficiently answering top-k frequent term queries in temporal-categorical range. Information Sciences, 2021, 574, 238-258.	4.0	1

#	ARTICLE	IF	CITATIONS
452	Efficient Query Refinement for View Recommendation in Visual Data Exploration. IEEE Access, 2021, 9, 76461-76478.	2.6	2
456	Incrementally Computing Ordered Answers of Acyclic Conjunctive Queries. Lecture Notes in Computer Science, 2006, , 141-152.	1.0	13
457	Generic Multi-keyword Ranked Search on Encrypted Cloud Data. Lecture Notes in Computer Science, 2019, , 322-343.	1.0	7
458	Dynamically Sacrificing Accuracy for Reduced Computation: Cascaded Inference Based on Softmax Confidence. Lecture Notes in Computer Science, 2019, , 306-320.	1.0	10
459	TopCrowd. Lecture Notes in Computer Science, 2014, , 122-135.	1.0	2
461	TK-SK: Textual-Restricted Spatial Keyword Query on Road Networks. Lecture Notes in Computer Science, 2015, , 167-179.	1.0	2
462	Maximizing Influence of Spatio-Textual Objects Based on Keyword Selection. Lecture Notes in Computer Science, 2015, , 413-430.	1.0	2
463	ListMerge: Accelerating Top-k Aggregation Queries Over Large Number of Lists. Lecture Notes in Computer Science, 2016, , 67-81.	1.0	8
464	Efficient Top-k Cloud Services Query Processing Using Trust and QoS. Lecture Notes in Computer Science, 2018, , 203-217.	1.0	1
465	Towards a Statistically Semantic Web. Lecture Notes in Computer Science, 2004, , 3-17.	1.0	4
466	TopX and XXL at INEX 2005. Lecture Notes in Computer Science, 2006, , 282-295.	1.0	10
467	Smooth Interpolating Histograms with Error Guarantees. Lecture Notes in Computer Science, 2008, , 126-138.	1.0	10
468	Processing Top-k Queries in Distributed Hash Tables. Lecture Notes in Computer Science, 2007, , 489-502.	1.0	27
469	Efficient Text Proximity Search. , 2007, , 287-299.		34
470	Optimizing Distributed Top-k Queries. Lecture Notes in Computer Science, 2008, , 337-349.	1.0	1
471	Extending Fagin's Algorithm for More Users Based on Multidimensional B-Tree. Lecture Notes in Computer Science, 2008, , 199-214.	1.0	5
472	Neighborhood-Based Tag Prediction. Lecture Notes in Computer Science, 2009, , 608-622.	1.0	20
473	Subspace Discovery for Promotion: A Cell Clustering Approach. Lecture Notes in Computer Science, 2009, , 362-376.	1.0	1

#	ARTICLE	IF	CITATIONS
474	Parallel Data Access for Multiway Rank Joins. Lecture Notes in Computer Science, 2011, , 44-58.	1.0	3
475	Approximate XML Query Processing. Intelligent Systems Reference Library, 2013, , 129-155.	1.0	1
477	An Effective Keyword Search Method for Graph-Structured Data Using Extended Answer Structure. Lecture Notes in Computer Science, 2013, , 620-635.	1.0	2
478	User-Contributed Relevance and Nearest Neighbor Queries. Lecture Notes in Computer Science, 2013, , 312-329.	1.0	2
479	10 Years of Probabilistic Querying “What Next?. Lecture Notes in Computer Science, 2013, , 1-13.	1.0	2
480	Spatio-Temporal Keyword Queries in Social Networks. Lecture Notes in Computer Science, 2013, , 70-83.	1.0	6
481	Efficiency-Quality Tradeoffs for Vector Score Aggregation. , 2004, , 624-635.		8
482	Top-k Query Evaluation with Probabilistic Guarantees. , 2004, , 648-659.		79
483	Optimized Query Execution in Large Search Engines with Global Page Ordering. , 2003, , 129-140.		45
484	PHASES: A User Profile Learning Approach for Web Search. , 2007, , .		8
485	POT. , 2008, , .		16
486	Reverse Ranking by Graph Structure. Performance Evaluation Review, 2016, 44, 51-62.	0.4	2
487	Coverage and diversity aware top-k query for spatio-temporal posts. , 2016, , .		6
488	Efficient Computation of Regret-ratio Minimizing Set. , 2017, , .		35
489	Processing Long Queries Against Short Text. ACM Transactions on Information Systems, 2017, 35, 1-27.	3.8	8
490	Optimal Join Algorithms Meet Top-k. , 2020, 2020, 2659-2665.		5
491	Finding Related Tables in Data Lakes for Interactive Data Science. , 2020, 2020, 1951-1966.		44
492	Similarity search over enriched geospatial data. , 2020, , .		3

#	ARTICLE	IF	CITATIONS
493	Unbalanced Threshold Based Distributed Data Collection Scheme in Multisink Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2016, 12, 8527312.	1.3	1
494	Relaxation in text search using taxonomies. Proceedings of the VLDB Endowment, 2008, 1, 672-683.	2.1	10
495	Efficient network aware search in collaborative tagging sites. Proceedings of the VLDB Endowment, 2008, 1, 710-721.	2.1	56
496	Making SENSE. Proceedings of the VLDB Endowment, 2008, 1, 1480-1483.	2.1	5
497	Navigating in complex mashed-up applications. Proceedings of the VLDB Endowment, 2010, 3, 320-329.	2.1	7
498	Proximity rank join. Proceedings of the VLDB Endowment, 2010, 3, 352-363.	2.1	12
499	Processing top-k join queries. Proceedings of the VLDB Endowment, 2010, 3, 860-870.	2.1	16
500	Efficient processing of top-k spatial preference queries. Proceedings of the VLDB Endowment, 2010, 4, 93-104.	2.1	44
501	Privacy implications of database ranking. Proceedings of the VLDB Endowment, 2015, 8, 1106-1117.	2.1	4
502	Query reranking as a service. Proceedings of the VLDB Endowment, 2016, 9, 888-899.	2.1	11
503	An optimal and progressive approach to online search of top-k influential communities. Proceedings of the VLDB Endowment, 2018, 11, 1056-1068.	2.1	36
504	On obtaining stable rankings. Proceedings of the VLDB Endowment, 2018, 12, 237-250.	2.1	16
505	Progressive top- <i>k</i> subarray query processing in array databases. Proceedings of the VLDB Endowment, 2019, 12, 989-1001.	2.1	9
506	Creating top ranking options in the continuous option and preference space. Proceedings of the VLDB Endowment, 2019, 12, 1181-1194.	2.1	8
507	Subjective databases. Proceedings of the VLDB Endowment, 2019, 12, 1330-1343.	2.1	15
508	Juneau. Proceedings of the VLDB Endowment, 2019, 12, 1902-1905.	2.1	15
509	A unified optimization algorithm for solving "regret-minimizing representative" problems. Proceedings of the VLDB Endowment, 2019, 13, 239-251.	2.1	4
510	Optimal algorithms for ranked enumeration of answers to full conjunctive queries. Proceedings of the VLDB Endowment, 2020, 13, 1582-1597.	2.1	10

#	ARTICLE	IF	CITATIONS
511	Efficient rank join with aggregation constraints. Proceedings of the VLDB Endowment, 2011, 4, 1201-1212.	2.1	5
512	Uncertain Schema Matching. Synthesis Lectures on Data Management, 2011, 3, 1-97.	0.6	35
513	An Index Based Efficient $k$ -Dominant Skyline Algorithm. Jisuanji Xuebao/Chinese Journal of Computers, 2010, 33, 1236-1245.	0.3	1
514	Probabilistic top- $k$ and ranking query algorithms in uncertain databases. Journal of Computer Applications, 2010, 30, 2605-2609.	0.1	2
515	Top- $k$ query processing on probabilistic data. Journal of Electronic Measurement and Instrument, 2010, 24, 650-657.	0.1	2
519	Efficient Retrieval of the Top- $k$ Most Relevant Event-Partner Pairs. IEEE Transactions on Knowledge and Data Engineering, 2023, 35, 2529-2543.	4.0	2
520	PSATop- $k$ : Approximate range top- $k$ computation on big data. Knowledge-Based Systems, 2022, 235, 107614.	4.0	0
522	Efficient Indexing of Top- $k$ Entities in Systems of Engagement with Extensions for Geo-tagged Entities. Data Science and Engineering, 2021, 6, 411-433.	4.6	4
523	Nearest Neighbor Search on Vertically Partitioned High-Dimensional Data. Lecture Notes in Computer Science, 2005, , 243-253.	1.0	5
524	Relation-Collapse: An Optimisation Technique for the Similarity Algebra $\mathcal{SA}$ . Lecture Notes in Computer Science, 2005, , 29-42.	1.0	0
525	A Service-Oriented Grid Infrastructure for Multimedia Management and Search. Lecture Notes in Computer Science, 2005, , 167-187.	1.0	1
528	The database research group at the Max-Planck Institute for Informatics. SIGMOD Record, 2006, 35, 42-47.	0.7	0
529	Dynamic User-Defined Similarity Searching in Semi-Structured Text Retrieval. , 2008, , .		2
530	Phonetic query expansion for spoken document retrieval. , 0, , .		27
531	Machine Learning in Bioinformatics. , 2009, , 1663-1663.		2
532	Ranked XML Processing. , 2009, , 2325-2332.		1
533	TopX 2.0 at the INEX 2008 Efficiency Track. Lecture Notes in Computer Science, 2009, , 224-236.	1.0	1
534	Top-K Selection Queries on Multimedia Datasets. , 2009, , 3129-3132.		0

#	ARTICLE	IF	CITATIONS
536	Multimedia Data Querying. , 2009, , 1808-1814.		0
537	Preference Modeling and Mining for Personalization. , 2009, , 1570-1574.		0
538	ProSPer: A Proactive Event Monitor for General Purposes. Jisuanji Xuebao/Chinese Journal of Computers, 2009, 32, 773-783.	0.3	1
539	XML Data Integration. , 2010, , 333-360.		0
540	Probabilistic ranking over relations. , 2010, , .		0
541	Peer-to-Peer Web Search: Euphoria, Achievements, Disillusionment, and Future Opportunities. Lecture Notes in Computer Science, 2010, , 195-208.	1.0	1
542	Method of Top-k Web service selection based on QoS. Journal of Computer Applications, 2010, 30, 872-875.	0.1	0
543	Efficient RkNN retrieval with arbitrary non-metric similarity measures. Proceedings of the VLDB Endowment, 2010, 3, 1243-1254.	2.1	4
544	TKEP: An Efficient Top- $k$ Query Processing Algorithm on Massive Data. Jisuanji Xuebao/Chinese Journal of Computers, 2010, 33, 1405-1417.	0.3	4
545	Data-Utility Sensitive Query Processing on Server Clusters to Support Scalable Data Analysis Services. Lecture Notes in Business Information Processing, 2011, , 155-184.	0.8	1
546	A General Top-k Algorithm for Web Data Sources. Lecture Notes in Computer Science, 2011, , 379-393.	1.0	6
547	The Rank Join Problem. Lecture Notes in Computer Science, 2011, , 115-120.	1.0	0
548	Efficient Approximate Similarity Search Using Random Projection Learning. Lecture Notes in Computer Science, 2011, , 517-529.	1.0	2
549	Proximity Rank Join in Search Computing. Lecture Notes in Computer Science, 2011, , 121-127.	1.0	0
551	NRank: A Unified Platform Independent Approach for Top-K Algorithms. , 2012, , .		0
552	Top-k Algorithm Based on Extraction. Advances in Intelligent and Soft Computing, 2012, , 113-118.	0.2	0
553	User-Oriented Product Search Based on Consumer Values and Lifestyles. Lecture Notes in Computer Science, 2012, , 313-327.	1.0	1
554	Generic Top-k Query Processing with Breadth-First Strategies. Lecture Notes in Computer Science, 2013, , 254-269.	1.0	0

#	ARTICLE	IF	CITATIONS
555	Fuzziness in Software Engineering. Studies in Fuzziness and Soft Computing, 2013, , 737-743.	0.6	0
556	SKY R-tree: An Index Structure for Distance-Based Top-k Query. Lecture Notes in Computer Science, 2014, , 220-235.	1.0	4
557	A Query Approach of Supporting Variable Physical Window in Large-Scale Smart Grid. Lecture Notes in Computer Science, 2014, , 311-322.	1.0	0
558	Processing of Top-k Selection Queries in Relational Database System. IOSR Journal of Computer Engineering, 2014, 16, 54-60.	0.1	0
559	Interpreting Web Shop User's Behavioral Patterns as Fictitious Explicit Rating for Preference Learning. Lecture Notes in Computer Science, 2014, , 251-265.	1.0	0
560	Facilitating Document Annotation Using Content & Querying Value. International Journal of Computer Trends and Technology, 2014, 9, 198-201.	0.1	2
561	Distributed and Parallel Database Systems. , 2014, , 13-1-13-24.		2
562	Enigmatic foundations of maths put to music. Nature, 0, , .	13.7	0
563	Ranking in Distributed Uncertain Database Environments. International Journal of Electrical and Computer Engineering, 2014, 4, .	0.5	0
564	A Fast Searching Approach for Top-k Partner Selection in Dynamic Alliances of Virtual Enterprises. Journal of Computers, 2014, 9, .	0.4	0
565	Cache View Based Top-k Query Processing for Encrypted Data Analysis. Lecture Notes in Electrical Engineering, 2015, , 725-730.	0.3	1
566	Indexing for Similarity Search Operators. SpringerBriefs in Computer Science, 2015, , 91-103.	0.2	0
568	Exact and Approximate Generic Multi-criteria Top-k Query Processing. Lecture Notes in Computer Science, 2015, , 53-79.	1.0	0
570	Peer-to-Peer Full-Text Keyword Search of the Web. Lecture Notes in Computer Science, 2015, , 263-277.	1.0	0
571	Efficient Top-k Query Processing Algorithm Using Grid Index-based View Selection Method. KIISE Transactions on Computing Practices, 2015, 21, 76-81.	0.1	0
573	Hybrid Approach for Annotating Unstructured Document. International Journal of Computer Applications, 2015, 120, 38-41.	0.2	19
574	Monotonization of User Preferences. Advances in Intelligent Systems and Computing, 2016, , 29-40.	0.5	1
575	On Gapped Set Intersection Size Estimation. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
576	Top-K Selection Queries on Multimedia Datasets. , 2016, , 1-4.		0
577	Rank-Aware Query Processing. , 2016, , 1-4.		0
578	Ranked XML Processing. , 2016, , 1-8.		0
579	An Effective K-Nearest Neighbor Track Retrieval Algorithm. International Journal of Database Theory and Application, 2016, 9, 151-160.	0.2	1
580	Top-k Algorithm for User Preferences based on Selection Strategy. International Journal of Database Theory and Application, 2016, 9, 181-190.	0.2	0
581	A Method for Non-redundant Keyword Search over Graph Data. The Journal of the Korea Contents Association, 2016, 16, 205-214.	0.0	0
582	Reverse Ranking by Graph Structure. , 2016, , .		1
583	Keyword NNE for the Fast Keyword Cover Search. International Journal of Emerging Trends in Science and Technology, 0, , .	0.1	0
584	Keyword Search over Graph-structured Data for Finding Effective and Non-redundant Answers. , 2016, , .		1
585	Score Aggregation. , 2017, , 1-1.		0
587	Boosting Point-Based Trajectory Search with Quad-Tree. Lecture Notes in Computer Science, 2017, , 29-41.	1.0	0
588	Multimedia Data Querying. , 2017, , 1-12.		0
589	Score Aggregation. , 2018, , 3324-3325.		0
590	Ranked XML Processing. , 2018, , 3084-3091.		0
591	Top-K Selection Queries on Multimedia Datasets. , 2018, , 4169-4173.		0
592	Multi-metric Graph Query Performance Prediction. Lecture Notes in Computer Science, 2018, , 289-306.	1.0	2
593	Rank-Aware Query Processing. , 2018, , 3080-3084.		0
594	Crowdsourced Operators. , 2018, , 97-154.		0



#	ARTICLE	IF	CITATIONS
595	Spatial-Keyword Search. , 2018, , 3627-3633.		0
596	Social-Textual Query Processing on Graph Database Systems. Lecture Notes in Computer Science, 2018, , 68-80.	1.0	0
597	Multimedia Data Querying. , 2018, , 2372-2383.		0
598	AXE: Objects Search in Mobile Volunteered Service. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 73-87.	0.2	0
599	Any-k Algorithms for Exploratory Analysis with Conjunctive Queries. , 2018, 2018, 1-3.		5
600	COKES: Continuous Top-k Keyword Search in Relational Databases. Communications in Computer and Information Science, 2018, , 205-217.	0.4	0
601	Answering Top-k Queries over Outsourced Sensitive Data in the Cloud. Lecture Notes in Computer Science, 2018, , 218-231.	1.0	0
602	Durable top- <i>k</i> queries on temporal data. Proceedings of the VLDB Endowment, 2018, 11, 2223-2235.	2.1	6
603	Privacy-Preserving Top-k Query Processing in Distributed Systems. Lecture Notes in Computer Science, 2019, , 1-24.	1.0	0
605	A Guide to Designing Top-k Indexes. SIGMOD Record, 2019, 48, 6-17.	0.7	3
606	Rank Aggregation in Queries with a FILTER Clause. SpringerBriefs in Applied Sciences and Technology, 2020, , 55-73.	0.2	0
607	RADAR: Fast Approximate Reverse Rank Queries. Advances in Intelligent Systems and Computing, 2021, , 748-757.	0.5	1
608	SQL query extensions for imprecise questions. Data and Knowledge Engineering, 2021, , 101944.	2.1	1
610	Explaining monotonic ranking functions. Proceedings of the VLDB Endowment, 2020, 14, 640-652.	2.1	6
612	QuRVe: Query Refinement for View Recommendation in Visual Data Exploration. Communications in Computer and Information Science, 2020, , 154-165.	0.4	4
613	Towards Efficient Retrieval of Top-k Entities in Systems of Engagement. Lecture Notes in Computer Science, 2020, , 52-67.	1.0	1
614	Scalable top-k retrieval with Sparta. , 2020, , .		0
615	Towards instance-optimized data systems. Proceedings of the VLDB Endowment, 2021, 14, 3222-3232.	2.1	12

#	ARTICLE	IF	CITATIONS
616	Beyond equi-joins. Proceedings of the VLDB Endowment, 2021, 14, 2599-2612.	2.1	4
617	Efficient Computation of Statistical Significance of Query Results in Databases. Lecture Notes in Computer Science, 2008, , 509-516.	1.0	0
620	Distributed Ranked Search. , 2007, , 7-20.		3
621	Efficient Top-k Data Sources Ranking for Query on Deep Web. Lecture Notes in Computer Science, 2008, , 321-336.	1.0	2
622	Database Selection and Result Merging in P2P Web Search. , 2006, , 26-37.		4
623	Faster Multidimensional Data Queries on Infrastructure Monitoring Systems. Big Data Research, 2022, 27, 100288.	2.6	1
624	Top-k Tree Similarity Join. , 2021, , .		0
625	Lazy Search Trees. , 2020, , .		0
626	DeepEverest. Proceedings of the VLDB Endowment, 2021, 15, 98-111.	2.1	2
628	Top-k team synergy problem: Capturing team synergy based on C3. Information Sciences, 2022, 589, 117-141.	4.0	1
630	Feature-Wise Ranking of Candidates through Maximum Degrees in Hidden Bipartite Graphs. , 2022, , .		0
631	Beyond NED. , 2022, , .		6
632	Evaluating Digital Divide Based on Big Wireless Logs: A Case Study among Remote Tribes in Taiwan. Libri, 2022, 72, 183-198.	0.5	2
633	A cost-effective approach for mining near-optimal top- $k$ patterns. Expert Systems With Applications, 2022, 202, 117262.	4.4	2
634	Answering Constrained k-NN Queries in Unstructured P2P Systems. , 2007, , 397-405.		0
635	Efficient parallel processing of high-dimensional spatial kNN queries. Soft Computing, 2022, 26, 12291-12316.	2.1	1
636	Ranked enumeration of join queries with projections. Proceedings of the VLDB Endowment, 2022, 15, 1024-1037.	2.1	0
637	Threshold queries in theory and in the wild. Proceedings of the VLDB Endowment, 2022, 15, 1105-1118.	2.1	6

#	ARTICLE	IF	CITATIONS
638	Multivariate correlations discovery in static and streaming data. Proceedings of the VLDB Endowment, 2022, 15, 1266-1278.	2.1	0
639	Representative Query Results by Voting. , 2022, , .		0
640	A Nearly Instance-optimal Differentially Private Mechanism for Conjunctive Queries. , 2022, , .		11
641	Toward Responsive DBMS: Optimal Join Algorithms, Enumeration, Factorization, Ranking, and Dynamic Programming. , 2022, , .		0
642	A Sketch-based Index for Correlated Dataset Search. , 2022, , .		9
643	Efficient Top-k Ego-Betweenness Search. , 2022, , .		1
644	Toward data lakes as central building blocks for data management and analysis. Frontiers in Big Data, 0, 5, .	1.8	2
647	Query Recombination: To Process a Large Number of Concurrent Top-k Queries towards IoT Data on an Edge Server. , 2022, , .		2
648	P2P Techniques for Decentralized Applications. Synthesis Lectures on Data Management, 2012, , .	0.6	2
649	Learning to Speed Up Query Planning in Graph Databases. , 0, 27, 443-451.		4
650	Ensemble feature selection with data-driven thresholding for Alzheimer's disease biomarker discovery. BMC Bioinformatics, 2023, 24, .	1.2	2
651	SageDB. Proceedings of the VLDB Endowment, 2022, 15, 4062-4078.	2.1	2
653	Efficient Computation of Quantiles over Joins. , 2023, , .		0
656	Subgraph Search over Neural-Symbolic Graphs. , 2023, , .		0
657	SVQ-ACT: Querying for Actions over Videos. , 2023, , .		0
659	Tweet Recommendation System Based on TA Algorithm and Natural Language Processing. Lecture Notes on Data Engineering and Communications Technologies, 2023, , 197-203.	0.5	0
661	Processing Reverse Nearest Neighbor Queries Based on Unbalanced Multiway Region Tree Index. Lecture Notes in Computer Science, 2023, , 733-747.	1.0	0
663	Symphony of Sensors: The Harmonious Art of Massive Data Generation by Devices. , 2023, , .		0

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------