Kian-Lee Tan

List of Publications by Year
in descending order

338 papers	9,650 citations	109137 35 h-index	118652 62 g-index
346 all docs	346 docs citations	346 times ranked	5467 citing authors

#	Article	IF	Citations
1	Distributed Density Peaks Clustering Revisited. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 3714-3726.	4.0	7
2	Exploiting Reuse for GPU Subgraph Enumeration. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4231-4244.	4.0	11
3	Unsupervised Entity Resolution With Blocking and Graph Algorithms. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1501-1515.	4.0	8
4	High body mass index and sleep problems during pregnancy: A metaâ€analysis and metaâ€regression of observational studies. Journal of Sleep Research, 2022, 31, e13443.	1.7	3
5	Continuous Trajectory Similarity Search for Online Outlier Detection. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4690-4704.	4.0	11
6	Lewat: A<u>L</u>ightweight,<u>E</u>fficient, and<u>W</u>ear-<u>A</u>ware<u>T</u>ransactional Persistent Memory System. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 649-664.	4.0	5
7	Towards One-Size-Fits-Many: Multi-Context Attention Network for Diversity of Entity Resolution Tasks. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	4.0	0
8	Trajectory Forecasting With Neural Networks: An Empirical Evaluation and A New Hybrid Model. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4400-4409.	4.7	8
9	TopoX: Topology Refactorization for Minimizing Network Communication in Graph Computations. IEEE/ACM Transactions on Networking, 2020, 28, 2768-2782.	2.6	13
10	GPU-Accelerated Subgraph Enumeration on Partitioned Graphs. , 2020, , .		29
11	Efficient Sampling Algorithms for Approximate Temporal Motif Counting. , 2020, , .		12
12	Multi-Context Attention for Entity Matching. , 2020, , .		22
13	AUDITOR: A System Designed for Automatic Discovery of Complex Integrity Constraints in Relational Databases. , 2020, , .		2
14	Efficient Skyline Computation over Incomplete and Uncertain Data for Decision Making Systems. , 2020, , .		0
15	Efficient Representative Subset Selection over Sliding Windows. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1327-1340.	4.0	11
16	GPU-based Graph Traversal on Compressed Graphs. , 2019, , .		13
17	Coresets for Minimum Enclosing Balls over Sliding Windows. , 2019, , .		11
18	TopoX. Proceedings of the VLDB Endowment, 2019, 12, 891-905.	2.1	22

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19	CO 2. ACM Transactions on Information Systems, 2018, 36, 1-29.	3.8	7
20	Influence Maximization on Social Graphs: A Survey. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1852-1872.	4.0	361
21	River: A Real-Time Influence Monitoring System on Social Media Streams. , 2018, , .		3
22	OCTOPUS: An Online Topic-Aware Influence Analysis System for Social Networks. , 2018, , .		12
23	A Sliding-Window Framework for Representative Subset Selection. , 2018, , .		2
24	Heterogeneous Embedding Propagation for Large-Scale E-Commerce User Alignment. , 2018, , .		19
25	Location-aware Influence Maximization over Dynamic Social Streams. ACM Transactions on Information Systems, 2018, 36, 1-35.	3.8	11
26	Shrewd Selection Speeds Surfing: Use Smart EXP3!. , 2018, , .		2
27	Efficient distributed memory management with RDMA and caching. Proceedings of the VLDB Endowment, 2018, 11, 1604-1617.	2.1	54
28	Development of a Healthy Lifestyle Mobile App for Overweight Pregnant Women: Qualitative Study. JMIR MHealth and UHealth, 2018, 6, e91.	1.8	29
29	Spatial-Keyword Search. , 2018, , 3627-3633.		0
30	Distributed shortest path query processing on dynamic road networks. VLDB Journal, 2017, 26, 399-419.	2.7	32
31	Compact Indexing and Judicious Searching for Billion-Scale Microblog Retrieval. ACM Transactions on Information Systems, 2017, 35, 1-24.	3.8	6
32	Discovering Your Selling Points. , 2017, , .		30
33	Fast Failure Recovery for Main-Memory DBMSs on Multicores. , 2017, , .		16
34	Posterior Snapshot Isolation. , 2017, , .		4
35	Influence Maximization in Trajectory Databases. , 2017, , .		2
36	BLOCKBENCH. , 2017, , .		531

#	Article	IF	Citations
37	Discovering Newsworthy Themes from Sequenced Data: A Step Towards Computational Journalism. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1398-1411.	4.0	4
38	From Raw Footprints to Personal Interests: Bridging the Semantic Gap via Trip Intention Aggregation. , 2017, , .		3
39	Real-time influence maximization on dynamic social streams. Proceedings of the VLDB Endowment, 2017, 10, 805-816.	2.1	55
40	Influence Maximization in Trajectory Databases. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 627-641.	4.0	44
41	Induced pluripotent stem cells from human hair follicle keratinocytes as a potential source for <i>in vitro</i> hair follicle cloning. PeerJ, 2016, 4, e2695.	0.9	18
42	Cohort query processing. Proceedings of the VLDB Endowment, 2016, 10, 1-12.	2.1	18
43	A general and parallel platform for mining co-movement patterns over large-scale trajectories. Proceedings of the VLDB Endowment, 2016, 10, 313-324.	2.1	40
44	Towards Neighborhood Window Analytics over Large-Scale Graphs. Lecture Notes in Computer Science, 2016, , 201-217.	1.0	1
45	HaCube: Extending MapReduce for Efficient OLAP Cube Materialization and View Maintenance. Lecture Notes in Computer Science, 2016, , 113-129.	1.0	3
46	TRSO: A Tourism Recommender System Based on Ontology. Lecture Notes in Computer Science, 2016, , 567-579.	1.0	4
47	Towards a Non-2PC Transaction Management in Distributed Database Systems. , 2016, , .		35
48	Context-aware advertisement recommendation for high-speed social news feeding. , 2016, , .		23
49	Transaction Healing. , 2016, , .		31
50	Deep Learning at Scale and at Ease. ACM Transactions on Multimedia Computing, Communications and Applications, 2016, 12, 1-25.	3.0	11
51	epiC: an extensible and scalable system for processing Big Data. VLDB Journal, 2016, 25, 3-26.	2.7	9
52	Database Meets Deep Learning. SIGMOD Record, 2016, 45, 17-22.	0.7	92
53	Real-time targeted influence maximization for online advertisements. Proceedings of the VLDB Endowment, 2015, 8, 1070-1081.	2.1	136
54	Transfer learning over big data. , 2015, , .		5

#	Article	IF	Citations
55	In-Memory Big Data Management and Processing: A Survey. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 1920-1948.	4.0	297
56	Online topic-aware influence maximization. Proceedings of the VLDB Endowment, 2015, 8, 666-677.	2.1	164
57	Elaps: An efficient location-aware pub/sub system. , 2015, , .		7
58	SINGA. , 2015, , .		72
59	A flexible and reliable recommendation algorithm in intelligent transportation system. , 2015, , .		0
60	G-Tree: An Efficient and Scalable Index for Spatial Search on Road Networks. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2175-2189.	4.0	119
61	iCrowd. , 2015, , .		144
62	Towards Window Analytics over Large-scale Graphs. , 2015, , .		1
63	Temporal Spatial-Keyword Top-k publish/subscribe. , 2015, , .		104
64	Real time personalized search on social networks. , 2015, , .		30
65	A location-aware publish/subscribe framework for parameterized spatio-textual subscriptions. , 2015, , .		51
66	ChronoStream: Elastic stateful stream computation in the cloud. , 2015, , .		52
67	Location-Aware Pub/Sub System. , 2015, , .		48
68	Efficient continuous top-k spatial keyword queries on road networks. GeoInformatica, 2015, 19, 29-60.	2.0	51
69	SINGA. , 2015, , .		31
70	In-memory Databases. SIGMOD Record, 2015, 44, 35-40.	0.7	33
71	CANDS. Proceedings of the VLDB Endowment, 2014, 8, 137-148.	2.1	15
72	B^{p}-Tree: A Predictive B^{+}-Tree for Reducing Writes on Phase Change Memory. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2368-2381.	4.0	11

#	Article	IF	Citations
73	epiC. Proceedings of the VLDB Endowment, 2014, 7, 541-552.	2.1	47
74	R3. Proceedings of the VLDB Endowment, 2014, 7, 1549-1552.	2.1	27
75	Processing spatial keyword query as a top-k aggregation query. , 2014, , .		57
76	Differentially private network data release via structural inference. , 2014, , .		95
77	WhereToGo: Personalized Travel Recommendation for Individuals and Groups. , 2014, , .		14
78	Efficient location-aware influence maximization. , 2014, , .		127
79	Elastic MapReduce Execution. , 2014, , .		3
80	Effective location identification from microblogs. , 2014, , .		39
81	Pagrol: Parallel graph olap over large-scale attributed graphs. , 2014, , .		35
82	Federation in Cloud Data Management: Challenges and Opportunities. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1670-1678.	4.0	17
83	BestPeer++: A Peer-to-Peer Based Large-Scale Data Processing Platform. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1316-1331.	4.0	11
84	An efficient publish/subscribe index for e-commerce databases. Proceedings of the VLDB Endowment, 2014, 7, 613-624.	2.1	44
85	Bulk Construction of Geo-Textual Indices. International Journal of Data Warehousing and Mining, 2014, 10, 15-33.	0.4	0
86	An efficient and compact indexing scheme for large-scale data store. , 2013, , .		8
87	Publishing trajectories with differential privacy guarantees. , 2013, , .		62
88	Katana: Generalized Data Processing on Peer-to-Peer Overlays. , 2013, , .		1
89	Effective Online Group Discovery in Trajectory Databases. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 2752-2766.	4.0	41
90	Efficient Bulk Loading to Accelerate Spatial Keyword Queries. , 2013, , .		0

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91	COSAC: A Framework for Combinatorial Statistical Analysis on Cloud. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 2010-2023.	4.0	1
92	Nearest group queries. , 2013, , .		20
93	Grand challenge. , 2013, , .		6
94	Efficient and accurate strategies for differentially-private sliding window queries. , 2013, , .		16
95	Scalable top-k spatial keyword search. , 2013, , .		100
96	A privacy preserving framework for managing vehicle data in road pricing systems. , 2013, , .		1
97	Trajectory based optimal segment computation in road network databases. , 2013, , .		7
98	TsingNUS. , 2013, , .		4
99	G-tree. , 2013, , .		65
100	Database research at the National University of Singapore. SIGMOD Record, 2013, 42, 46-51.	0.7	0
101	Mining Sub-trajectory Cliques to Find Frequent Routes. Lecture Notes in Computer Science, 2013, , 92-109.	1.0	6
102	Publishing Trajectory with Differential Privacy: A Priori vs. A Posteriori Sampling Mechanisms. Lecture Notes in Computer Science, 2013, , 357-365.	1.0	12
103	ASSIST: Access Controlled Ship Identification Streams. Lecture Notes in Computer Science, 2013, , 1-25.	1.0	2
104	Online Aggregation. Intelligent Systems Reference Library, 2013, , 187-210.	1.0	1
105	Guest Editors' Introduction to the Special Section on the 27th International Conference on Data Engineering (ICDE 2011). IEEE Transactions on Knowledge and Data Engineering, 2012, 24, 1729-1730.	4.0	0
106	Efficient safe-region construction for moving top-K spatial keyword queries. , 2012, , .		57
107	On optimizing relational self-joins. , 2012, , .		0
108	A call for surveys. SIGMOD Record, 2012, 41, 47-47.	0.7	1

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109	Optimization of analytic window functions. Proceedings of the VLDB Endowment, 2012, 5, 1244-1255.	2.1	20
110	Location-aware instant search. , 2012, , .		24
111	Cooperative Scalable Moving Continuous Query Processing. , 2012, , .		3
112	Anonymizing set-valued data by nonreciprocal recoding. , 2012, , .		25
113	Optimizing Multiple Data Acquisition Queries in Sparse Mobile Sensor Networks. , 2012, , .		1
114	Privacy Preservation in Streaming Data Collection. , 2012, , .		7
115	BestPeer++: A Peer-to-Peer Based Large-Scale Data Processing Platform. , 2012, , .		6
116	Towards ad-hoc circles in social networking sites. , 2012, , .		0
117	Sort-sharing-aware query processing. VLDB Journal, 2012, 21, 411-436.	2.7	9
118	Efficient processing of probabilistic set-containment queries on uncertain set-valued data. Information Sciences, 2012, 196, 97-117.	4.0	5
119	A Write Efficient PCM-Aware Sort. Lecture Notes in Computer Science, 2012, , 86-100.	1.0	4
120	Peer-Aware Collaborative Access Control in Social Networks. , 2012, , .		5
121	S3: An Efficient Shared Scan Scheduler on MapReduce Framework. , 2011, , .		7
122	CASTLE: Continuously Anonymizing Data Streams. IEEE Transactions on Dependable and Secure Computing, 2011, 8, 337-352.	3.7	86
123	SABRE: a Sensitive Attribute Bucketization and REdistribution framework for t-closeness. VLDB Journal, 2011, 20, 59-81.	2.7	55
124	Exploiting community feedback for information retrieval in DHT networks. Peer-to-Peer Networking and Applications, 2011, 4, 106-121.	2.6	0
125	ASSIST. , 2011, , .		2
126	*eCEO*: an efficient Cloud Epistasis cOmputing model in genome-wide association study. Bioinformatics, 2011, 27, 1045-1051.	1.8	25

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127	Towards a privacy-aware stream data management system for cloud applications. International Journal of Web and Grid Services, 2011, 7, 246.	0.4	8
128	LORA: Link Obfuscation by Randomization in Graphs. Lecture Notes in Computer Science, 2011, , 33-51.	1.0	2
129	On triangulation-based dense neighborhood graph discovery. Proceedings of the VLDB Endowment, 2010, 4, 58-68.	2.1	87
130	Sense the physical, walkthrough the virtual, manage the co (existing) spaces. SIGMOD Record, 2010, 38, 5-10.	0.7	12
131	Krukenberg tumors of colorectal origin: a dismal outcomeâ€"experience of a tertiary center. International Journal of Colorectal Disease, 2010, 25, 233-238.	1.0	49
132	Continuous online index tuning in moving object databases. ACM Transactions on Database Systems, 2010, 35, 1-51.	1.5	10
133	Ï•uncertainty. Proceedings of the VLDB Endowment, 2010, 3, 1033-1044.	2.1	62
134	Call to order. , 2010, , .		15
135	Continuous sampling for online aggregation over multiple queries. , 2010, , .		54
136	A framework to enforce access control over data streams. ACM Transactions on Information and System Security, 2010, 13, 1-31.	4.5	44
137	Optimized query evaluation using cooperative sorts. , 2010, , .		8
138	iDISQUE: Tuning High-Dimensional Similarity Queries in DHT Networks. Lecture Notes in Computer Science, 2010, , 19-33.	1.0	9
139	Discovery of Evolving Convoys. Lecture Notes in Computer Science, 2010, , 196-213.	1.0	21
140	Query-driven data collection and data forwarding in intermittently connected mobile sensor networks. , 2010, , .		9
141	Peer-Based Collaborative Caching and Prefetching in Mobile Broadcast. , 2010, , 238-261.		1
142	Distributed online aggregations. Proceedings of the VLDB Endowment, 2009, 2, 443-454.	2.1	49
143	ACStream: Enforcing Access Control over Data Streams. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	20
144	Finding Time-Lagged 3D Clusters. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	21

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145	Histogram-Based Global Load Balancing in Structured Peer-to-Peer Systems. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 595-608.	4.0	31
146	Adaptive Multi-join Query Processing in PDBMS. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	6
147	Separating Authentication from Query Execution in Outsourced Databases. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	17
148	Exploiting Domain Knowledge to Improve Biological Significance of Biclusters with Key Missing Genes. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	1
149	Towards integrated and efficient scientific sensor data processing. , 2009, , .		7
150	A novel framework for efficient automated singer identification in large music databases. ACM Transactions on Information Systems, 2009, 27, 1-31.	3.8	34
151	Query assurance verification for outsourced multi-dimensional databases. Journal of Computer Security, 2009, 17, 101-126.	0.5	24
152	Speed up interactive image retrieval. VLDB Journal, 2009, 18, 329-343.	2.7	13
153	Guest editorial: special issue on data management inÂpeer-to-peer systems. Distributed and Parallel Databases, 2009, 26, 151-153.	1.0	0
154	XCube: Processing XPath queries in a hypercube overlay network. Peer-to-Peer Networking and Applications, 2009, 2, 128-145.	2.6	2
155	Data-driven memory management for stream join. Information Systems, 2009, 34, 454-467.	2.4	3
156	Query Allocation in Wireless Sensor Networks with Multiple Base Stations. Lecture Notes in Computer Science, 2009, , 107-122.	1.0	5
157	QoS-Oriented Multi-query Scheduling over Data Streams. Lecture Notes in Computer Science, 2009, , 215-229.	1.0	11
158	Disseminating streaming data in a dynamic environment: an adaptive and cost-based approach. VLDB Journal, 2008, 17, 1465-1483.	2.7	19
159	Toward Massive Query Optimization in Large-Scale Distributed Stream Systems. Lecture Notes in Computer Science, 2008, , 326-345.	1.0	12
160	Private queries in location based services. , 2008, , .		575
161	Continuous Reverse k-Nearest-Neighbor Monitoring. , 2008, , .		40
162	CASTLE: A delay-constrained scheme for k<inf>s</inf>-anonymizing data streams. , 2008, , .		19

#	Article	IF	Citations
163	Rethinking the design of distributed stream processing systems. , 2008, , .		1
164	FINCH. Proceedings of the VLDB Endowment, 2008, 1, 1056-1067.	2.1	80
165	ST ² B-tree. , 2008, , .		67
166	Compacting music signatures for efficient music retrieval. , 2008, , .		5
167	Verifying Completeness of Relational Query Answers from Online Servers. ACM Transactions on Information and System Security, 2008, 11, 1-50.	4.5	37
168	Optimizing complex queries with multiple relation instances. , 2008, , .		11
169	CSV. , 2008, , .		52
170	Just-in-time query retrieval over partially indexed data on structured P2P overlays. , 2008, , .		23
171	CYBER: A CommunitY-Based sEaRch engine. , 2008, , .		13
172	PPiClust: EFFICIENT CLUSTERING OF 3D PROTEINâ€"PROTEIN INTERACTION INTERFACES. Journal of Bioinformatics and Computational Biology, 2008, 06, 415-433.	0.3	8
173	POEMS: Peer-Based Overload Management. Lecture Notes in Computer Science, 2008, , 350-365.	1.0	0
174	Multiple Query Optimization for Wireless Sensor Networks. , 2007, , .		9
175	In-network execution of monitoring queries in sensor networks. , 2007, , .		59
176	Compressed Hierarchical Mining of Frequent Closed Patterns from Dense Data Sets. IEEE Transactions on Knowledge and Data Engineering, 2007, 19, 1175-1187.	4.0	14
177	Enforcing access control over data streams. , 2007, , .		25
178	Similarity-aware query allocation in sensor networks with multiple base stations. , 2007, , .		6
179	QueST. , 2007, , .		10
180	Window-Oblivious Join: A Data-Driven Memory Management Scheme for Stream Join. International Conference on Scientific and Statistical Database Management: [proceedings] International Conference on Scientific and Statistical Database Management, 2007, , .	0.0	6

#	Article	IF	Citations
181	iSEE: Efficient Continuous K-Nearest-Neighbor Monitoring over Moving Objects. International Conference on Scientific and Statistical Database Management: [proceedings] International Conference on Scientific and Statistical Database Management, 2007, , .	0.0	10
182	SPRITE: A Learning-Based Text Retrieval System in DHT Networks. , 2007, , .		7
183	Distributed Processing of Moving K-Nearest-Neighbor Query on Moving Objects. , 2007, , .		28
184	Two-Tier Multiple Query Optimization for Sensor Networks. , 2007, , .		48
185	Rapid retrieval of protein structures from databases. Drug Discovery Today, 2007, 12, 732-739.	3.2	17
186	Cooperative Prefetching Strategies for Mobile Peers in a Broadcast Environment. Lecture Notes in Computer Science, 2007, , 62-73.	1.0	2
187	Specifying Access Control Policies on Data Streams. , 2007, , 410-421.		12
188	Authenticating kNN Query Results in Data Publishing. Lecture Notes in Computer Science, 2007, , 47-63.	1.0	12
189	An Image-Semantic Ontological Framework for Large Image Databases. , 2007, , 1050-1053.		2
190	Quick Hierarchical Biclustering on Microarray Gene Expression Data. , 2006, , .		8
191	Adaptive Reorganization of Coherency-Preserving Dissemination Tree for Streaming Data. , 2006, , .		9
192	Global Cache Management in Nonuniform Mobile Broadcast. , 2006, , .		5
193	Authenticating Multi-dimensional Query Results in Data Publishing. Lecture Notes in Computer Science, 2006, , 60-73.	1.0	35
194	SaveRF: Towards Efficient Relevance Feedback Search. , 2006, , .		0
195	Masking page reference patterns in encryption databases on untrusted storage. Data and Knowledge Engineering, 2006, 58, 466-483.	2.1	1
196	IMPACT: A twin-index framework for efficient moving object query processing. Data and Knowledge Engineering, 2006, 59, 63-85.	2.1	3
197	Answering similarity queries in peer-to-peer networks. Information Systems, 2006, 31, 57-72.	2.4	51
198	ICICLE: A semantic-based retrieval system for WWW images. Multimedia Systems, 2006, 11, 438-454.	3.0	2

#	Article	IF	Citations
199	Speeding up search in peer-to-peer networks with a multi-way tree structure. , 2006, , .		65
200	Finding k-dominant skylines in high dimensional space. , 2006, , .		328
201	Towards efficient automated singer identification in large music databases. , 2006, , .		18
202	Impact of multi-query optimization in sensor networks. , 2006, , .		13
203	HSI: A Novel Framework for Efficient Automated Singer Identification in Large Music Database. , 2006, , .		3
204	MatAlign: PRECISE PROTEIN STRUCTURE COMPARISON BY MATRIX ALIGNMENT. Journal of Bioinformatics and Computational Biology, 2006, 04, 1197-1216.	0.3	23
205	On High Dimensional Skylines. Lecture Notes in Computer Science, 2006, , 478-495.	1.0	163
206	Efficient Dynamic Operator Placement in a Locally Distributed Continuous Query System. Lecture Notes in Computer Science, 2006, , 54-71.	1.0	37
207	C²: a new overlay network based on CAN and Chord. International Journal of High Performance Computing and Networking, 2005, 3, 248.	0.4	3
208	An adaptable distributed query processing architecture. Data and Knowledge Engineering, 2005, 53, 283-309.	2.1	28
209	Towards Autonomous and Automatic Evaluation and Negotiation in Agent-Mediated Internet Marketplaces. Electronic Commerce Research, 2005, 5, 343-365.	3.0	7
210	Towards Optimal Utilization of Main Memory for Moving Object Indexing. Lecture Notes in Computer Science, 2005, , 600-611.	1.0	6
211	Real Datasets for File-Sharing Peer-to-Peer Systems. Lecture Notes in Computer Science, 2005, , 201-213.	1.0	14
212	Identifying time-lagged gene clusters using gene expression data. Bioinformatics, 2005, 21, 509-516.	1.8	79
213	Stratified computation of skylines with partially-ordered domains. , 2005, , .		98
214	Verifying completeness of relational query results in data publishing. , 2005, , .		199
215	Generalized multidimensional data mapping and query processing. ACM Transactions on Database Systems, 2005, 30, 661-697.	1.5	21
216	Mining top-K covering rule groups for gene expression data. , 2005, , .		99

#	Article	IF	Citations
217	Optimizing continuous multijoin queries over distributed streams. , 2005, , .		3
218	iDistance. ACM Transactions on Database Systems, 2005, 30, 364-397.	1.5	484
219	TOWARDS SCALEable PROTEIN STRUCTURE COMPARISON AND DATABASE SEARCH. International Journal on Artificial Intelligence Tools, 2005, 14, 827-848.	0.7	3
220	Automatic 3D Protein Structure Classification without Structural Alignment. Journal of Computational Biology, 2005, 12, 1221-1241.	0.8	8
221	Efficient Range Queries and Fast Lookup Services for Scalable P2P Networks. Lecture Notes in Computer Science, 2005, , 93-106.	1.0	8
222	Adapting the Content Native Space for Load Balanced Indexing. Lecture Notes in Computer Science, 2005, , 122-135.	1.0	5
223	Context Mediation in the Semantic Web: Handling OWL Ontology and Data Disparity Through Context Interchange. Lecture Notes in Computer Science, 2005, , 140-154.	1.0	8
224	Answering similarity queries in peer-to-peer networks. , 2004, , .		4
225	Demand-driven caching in multiuser environment. IEEE Transactions on Knowledge and Data Engineering, 2004, 16, 112-124.	4.0	3
226	Main Memory Indexing: The Case for BD-Tree. IEEE Transactions on Knowledge and Data Engineering, 2004, 16, 870-874.	4.0	10
227	Rapid 3D protein structure database searching using information retrieval techniques. Bioinformatics, 2004, 20, 1045-1052.	1.8	46
228	Mining gene expression data for positive and negative co-regulated gene clusters. Bioinformatics, 2004, 20, 2711-2718.	1.8	51
229	PumaMart: a parallel and autonomous agents based internet marketplace. Electronic Commerce Research and Applications, 2004, 3, 294-310.	2.5	29
230	Querying high-dimensional data in single-dimensional space. VLDB Journal, 2004, 13, 105-119.	2.7	13
231	A hash-based collaborative transcoding proxy system. Data and Knowledge Engineering, 2004, 51, 161-188.	2.1	0
232	A study of securing route structures for mobile agents dispatched in parallel. International Journal of Web Engineering and Technology, 2004, 1, 251.	0.1	0
233	Guest Editors' Introduction: Special Section on Peer-to-Peer-Based Data Management. IEEE Transactions on Knowledge and Data Engineering, 2004, 16, 785-786.	4.0	7
234	Approximate NN Queries on Streams with Guaranteed Error/performance Bounds. , 2004, , 804-815.		36

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235	Semantic Mining and Analysis of Gene Experession Data. , 2004, , 1261-1264.		2
236	Semantic Mining and Analysis of Gene Experession Data. , 2004, , 1261-1264.		2
237	Guest Editors' Introduction MONET Special Issue on Mobile and Wireless Data Management. Mobile Networks and Applications, 2003, 8, 315-316.	2.2	2
238	Retrieving Similar Shapes Effectively and Efficiently. Multimedia Tools and Applications, 2003, 19, 111-134.	2.6	24
239	Data management in Peer-to-Peer environment: A perspective of BestPeer. Journal of Computer Science and Technology, 2003, 18, 452-461.	0.9	3
240	Fast hierarchical clustering and its validation. Data and Knowledge Engineering, 2003, 44, 109-138.	2.1	58
241	Indexing for progressive skyline computation. Data and Knowledge Engineering, 2003, 46, 169-201.	2.1	13
242	Explore the "Small world phenomena" in pure P2P information sharing systems. , 2003, , .		7
243	BLAST++: BLASTing queries in batches. Bioinformatics, 2003, 19, 2323-2324.	1.8	28
244	Securing your data in agent-based P2P systems. , 2003, , .		10
245	Relational data sharing in peer-based data management systems. SIGMOD Record, 2003, 32, 59-64.	0.7	42
246	An efficient index-based protein structure database searching method. , 2003, , .		9
247	Contorting high dimensional data for efficient main memory KNN processing. , 2003, , .		37
248	Performance guaranteed rendering using the HDoV tree. , 2003, , .		2
249	Supporting real-time visualization with the HDoV tree. , 2003, , .		1
250	Dynamic Clustering-Based Query Answering in Peer-to-Peer Systems. Lecture Notes in Computer Science, 2003, , 306-313.	1.0	0
251	Managing Trust in Peer-to-Peer Systems Using Reputation-Based Techniques. Lecture Notes in Computer Science, 2003, , 2-12.	1.0	41
252	DB-Enabled Peers for Managing Distributed Data. Lecture Notes in Computer Science, 2003, , 10-21.	1.0	6

#	Article	IF	Citations
253	Efficient Distributed Reputation Scheme for Peer-to-Peer Systems. Lecture Notes in Computer Science, 2003, , 54-63.	1.0	13
254	A Hash-Based Collaborative Transcoding Proxy System. Lecture Notes in Computer Science, 2003, , 570-582.	1.0	1
255	Efficient Semantic Search in Peer-to-Peer Systems. Lecture Notes in Computer Science, 2003, , 278-289.	1.0	1
256	An adaptive peer-to-peer network for distributed caching of OLAP results. , 2002, , .		70
257	Efficient evaluation of multiple queries on streaming XML data. , 2002, , .		10
258	Sampling from databases using B+-Trees. Intelligent Data Analysis, 2002, 6, 359-377.	0.4	0
259	Join and multi-join processing in data integration systems. Data and Knowledge Engineering, 2002, 40, 217-239.	2.1	2
260	A Study of Building Internet Marketplaces on the Basis of Mobile Agents for Parallel Processing. World Wide Web, 2002, 5, 41-66.	2.7	16
261	A Secure Agent-Mediated Payment Protocol. Lecture Notes in Computer Science, 2002, , 422-433.	1.0	9
262	BuddyWeb: A P2P-Based Collaborative Web Caching System. Lecture Notes in Computer Science, 2002, , 247-251.	1.0	22
263	Indexing Genomic Databases for Fast Homology Searching. Lecture Notes in Computer Science, 2002, , 871-880.	1.0	1
264	A Parallel Dispatch Model with Secure and Robust Routes for Mobile Agents. Lecture Notes in Computer Science, 2002, , 129-138.	1.0	1
265	An efficient method for queries execution in a multi-user environment. , 2001, , .		0
266	An Evaluation of Color-Spatial Retrieval Techniques for Large Image Databases. Multimedia Tools and Applications, 2001, 14, 55-78.	2.6	29
267	A Replication Strategy for Reducing Wait Time in Video-On-Demand Systems. Multimedia Tools and Applications, 2001, 15, 39-58.	2.6	1
268	Organization of Invalidation Reports for Energy-Efficient Cache Invalidation in Mobile Environments. Mobile Networks and Applications, 2001, 6, 279-290.	2.2	10
269	XStorM: A Scalable Storage Mapping Scheme for XML Data. World Wide Web, 2001, 4, 101-119.	2.7	1
270	R-tree-based data migration and self-tuning strategies in shared-nothing spatial databases. , 2001, , .		14

#	Article	IF	Citations
271	Global optimization of histograms. , 2001, , .		30
272	Global optimization of histograms. SIGMOD Record, 2001, 30, 223-234.	0.7	10
273	Dispatching Mobile Agents with Secure Routes in Parallel. Lecture Notes in Computer Science, 2001, , 386-397.	1.0	7
274	Towards self-tuning data placement in parallel database systems. SIGMOD Record, 2000, 29, 225-236.	0.7	28
275	Indexing shapes in image databases using the centroidâ€"radii model. Data and Knowledge Engineering, 2000, 32, 271-289.	2.1	19
276	MOSAIC: A fast multi-feature image retrieval system. Data and Knowledge Engineering, 2000, 33, 219-239.	2.1	12
277	Efficient indexing of high-dimensional data through dimensionality reduction. Data and Knowledge Engineering, 2000, 32, 115-130.	2.1	10
278	Progressive evaluation of nested aggregate queries. VLDB Journal, 2000, 9, 261-278.	2.7	3
279	Indexing the edges---a simple and yet efficient approach to high-dimensional indexing. , 2000, , .		58
280	Finding semantically related images in the WWW. , 2000, , .		1
281	Query rewriting for SWIFT (First) answers. IEEE Transactions on Knowledge and Data Engineering, 2000, 12, 694-714.	4.0	2
282	Giving meanings to WWW images. , 2000, , .		88
283	Exploiting spatial indexes for semijoin-based join processing in distributed spatial databases. IEEE Transactions on Knowledge and Data Engineering, 2000, 12, 920-937.	4.0	27
284	Integrating replacement policies in StorM. SIGMOD Record, 2000, 29, 599.	0.7	0
285	Supporting range queries in a wireless environment with nonuniform broadcast. Data and Knowledge Engineering, 1999, 29, 201-221.	2.1	6
286	Tuning integrated dissemination-based information systems. Data and Knowledge Engineering, 1999, 30, 1-21.	2.1	14
287	Efficient Join Processing Using Partial Precomputation. Knowledge and Information Systems, 1999, 1, 481-514.	2.1	1
288	On getting some answers quickly, and perhaps more later. , 1999, , .		3

#	Article	IF	Citations
289	Building CyberBroker in Digital Marketplaces Using Java and CORBA. Lecture Notes in Computer Science, 1999, , 1086-1095.	1.0	0
290	Fast image retrieval using color-spatial information. VLDB Journal, 1998, 7, 115-128.	2.7	38
291	Indexing bitemporal databases as points. Information and Software Technology, 1998, 40, 327-337.	3.0	2
292	On selective tuning in unreliable wireless channels. Data and Knowledge Engineering, 1998, 28, 209-231.	2.1	14
293	Towards integrated geographical information processing. International Journal of Geographical Information Science, 1998, 12, 353-371.	2.2	43
294	Generating broadcast programs that support range queries. IEEE Transactions on Knowledge and Data Engineering, 1998, 10, 668-672.	4.0	18
295	An analysis of selective tuning schemes for nonuniform broadcast. Data and Knowledge Engineering, 1997, 22, 319-344.	2.1	33
296	A dynamic scheduler for the infinite air-cache. Data and Knowledge Engineering, 1997, 24, 97-112.	2.1	5
297	Broadcast-based group invalidation: An energy-efficient cache invalidation strategy. Information Sciences, 1997, 100, 229-254.	4.0	13
298	A Break for Workaholics: Energy-Efficient Selective Tuning Mechanisms for Demand-Driven-Based Wireless Environment. , 1997, , .		1
299	On Video-On-Demand Servers with Hierarchical Storage. , 1997, , .		2
300	Index nesting - an efficient approach to indexing in object-oriented databases. VLDB Journal, 1996, 5, 215-228.	2.7	7
301	Indexing temporal data using existing B+ -trees. Data and Knowledge Engineering, 1996, 18, 147-165.	2.1	25
302	Scheduling multiple queries in symmetric multiprocessors. Information Sciences, 1996, 95, 125-153.	4.0	3
303	Disk striping strategies for large video-on-demand servers. , 1996, , .		35
304	A performance study of declustering strategies for parallel spatial databases. Lecture Notes in Computer Science, 1995, , 157-166.	1.0	2
305	Workload scheduling for multiple query processing. Information Processing Letters, 1995, 55, 251-257.	0.4	17
306	On sort-merge algorithm for band joins. IEEE Transactions on Knowledge and Data Engineering, 1995, 7, 508-510.	4.0	6

#	Article	IF	Citations
307	Spatial join strategies in distributed spatial DBMS. Lecture Notes in Computer Science, 1995, , 348-367.	1.0	35
308	Pipelined band join in shared-nothing systems. Lecture Notes in Computer Science, 1995, , 239-253.	1.0	0
309	Efficient Image Retrieval By Color Contents. Lecture Notes in Computer Science, 1994, , 95-108.	1.0	50
310	On resource scheduling of multi-join queries in parallel database systems. Information Processing Letters, 1993, 48, 189-195.	0.4	18
311	Pipeline Processing of Multi-Way Queries in Shared-Memory Systems. , 1993, , .		3
312	Processing multi-join query in parallel systems. , 1992, , .		5
313	A note on the strategy space of multiway join query optimization problem in parallel systems. SIGMOD Record, 1991, 20, 81-82.	0.7	16
314	Energy efficient filtering of nonuniform broadcast. , 0, , .		20
315	An evaluation of color-spatial retrieval techniques. , 0, , .		1
316	On incremental cache coherency schemes in mobile computing environments. , 0, , .		14
317	Fast signature-based color-spatial image retrieval. , 0, , .		32
318	An empirical study of color-spatial retrieval techniques for large image databases. , 0, , .		9
319	Cache-on-demand: recycling with certainty. , 0, , .		2
320	A 2-phase evaluation model for agent-mediated Internet marketplaces. , 0, , .		1
321	BestPeer: a self-configurable peer-to-peer system. , 0, , .		20
322	Efficient indexing structures for mining frequent patterns. , 0, , .		6
323	Frequent update and efficient retrieval: an oxymoron on moving object indexes?. , 0, , .		6
324	Several structures for protecting the routes of mobile agents dispatched in parallel. , 0, , .		1

#	Article	IF	Citations
325	A content-based resource location mechanism in PeerIS. , 0, , .		5
326	Supporting rich queries in DHT-based peer-to-peer systems. , 0, , .		2
327	Augmenting SSEs with structural properties for rapid protein structure comparison. , 0, , .		8
328	Finding Constrained Frequent Episodes Using Minimal Occurrences. , 0, , .		4
329	PeerStore: better performance by relaxing in peer-to-peer backup. , 0, , .		18
330	Hiding data accesses in steganographic file system. , 0, , .		7
331	Automatic protein structure classification through structural fingerprinting. , 0, , .		5
332	DSIM: A Distance-Based Indexing Method for Genomic Sequences. , 0, , .		1
333	Activities Awareness in a Cache Network. , 0, , .		0
334	Dynamic Load Management for Distributed Continuous Query Systems. , 0, , .		8
335	Efficient Processing of Skyline Queries with Partially-Ordered Domains. , 0, , .		12
336	Supporting Multi-Dimensional Range Queries in Peer-to-Peer Systems. , 0, , .		60
337	Supporting Ranked Join in Peer-to-Peer Networks. , 0, , .		2
338	Peer-Based Collaborative Caching and Prefetching in Mobile Broadcast. , 0, , 166-188.		1