

Divyakant Agrawal

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

577
citations

1307366

7
h-index

1125617

13
g-index

28
all docs

28
docs citations

28
times ranked

525
citing authors

#	ARTICLE	IF	CITATIONS
1	Janus: A Hybrid Scalable Multi-Representation Cloud Datastore. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 689-702.	4.0	7
2	Dynamic Timestamp Allocation for Reducing Transaction Aborts. , 2018, , .		0
3	Multi-representation Based Data Processing Architecture for IoT Applications. , 2017, , .		8
4	The Challenges of Global-Scale Data Management. , 2017, , .		0
5	Typhon: Consistency Semantics for Multi-Representation Data Processing. , 2017, , .		1
6	Preserving Location Privacy in Geosocial Applications. IEEE Transactions on Mobile Computing, 2014, 13, 159-173.	3.9	85
7	Secure and privacy-preserving database services in the cloud. , 2013, , .		17
8	HashFile: An efficient index structure for multimedia data. , 2011, , .		15
9	MD-HBase: A Scalable Multi-dimensional Data Infrastructure for Location Aware Services. , 2011, , .		152
10	CEO a cloud epistasis computing model in GWAS. , 2010, , .		5
11	CoTS: A Scalable Framework for Parallelizing Frequency Counting over Data Streams. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	9
12	Aggregate Skyline: Analysis for Online Users. , 2009, , .		8
13	TCAM-conscious Algorithms for Data Streams. , 2007, , .		3
14	Fast Algorithms for Heavy Distinct Hitters using Associative Memories. , 2007, , .		13
15	DeltaSky: Optimal Maintenance of Skyline Deletions without Exclusive Dominance Region Generation. , 2007, , .		39
16	Exploring spatial datasets with histograms. Distributed and Parallel Databases, 2006, 20, 57-88.	1.0	9
17	Search-quality Tradeoffs for Routing in Non-ideal Wireless Networks. , 2006, , .		2
18	Range and kNN Query Processing for Moving Objects in Grid Model. Mobile Networks and Applications, 2003, 8, 401-412.	2.2	35

#	ARTICLE	IF	CITATIONS
19	Disk Allocation for Fast Range and Nearest-Neighbor Queries. Distributed and Parallel Databases, 2003, 14, 107-135.	1.0	1
20	Optimal Scheduling Algorithms for Tertiary Storage. Distributed and Parallel Databases, 2003, 14, 255-282.	1.0	5
21	Browsing and placement of multi-resolution images on parallel disks. Multimedia Systems, 2003, 8, 459-469.	3.0	2
22	Applying the golden rule of sampling for query estimation. SIGMOD Record, 2001, 30, 449-460.	0.7	12
23	Mobility and Extensibility in the StratOSphere Framework. Distributed and Parallel Databases, 1999, 7, 289-317.	1.0	4
24	Dimensionality reduction for similarity searching in dynamic databases. SIGMOD Record, 1998, 27, 166-176.	0.7	85
25	Bounded Inconsistency for Type-Specific Concurrency Control. Distributed and Parallel Databases, 1997, 5, 31-75.	1.0	7
26	Semantic locking in object-oriented database systems. ACM SIGPLAN Notices, 1994, 29, 388-402.	0.2	2
27	From Static Distributed Systems to Dynamic Systems. , 0, , .		33
28	Distributed Resource Discovery in Large Scale Computing Systems. , 0, , .		18