

Michal Kvet

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

301
citations

1306789

7
h-index

1281420

11
g-index

75
all docs

75
docs citations

75
times ranked

68
citing authors

#	ARTICLE	IF	CITATIONS
1	Covering Undefined and Untrusted Values by the Database Index. Lecture Notes in Networks and Systems, 2022, , 473-483.	0.5	2
2	The Complexity of the Data Retrieval Process Using the Proposed Index Extension. IEEE Access, 2022, 10, 46187-46213.	2.6	15
3	Managing, Locating and Evaluating Undefined Values in Relational Databases. Advances in Intelligent Systems and Computing, 2021, , 118-127.	0.5	4
4	Increasing Security of Database During Car Monitoring. Transportation Research Procedia, 2021, 55, 118-125.	0.8	4
5	Study on Effective Temporal Data Retrieval Leveraging Complex Indexed Architecture. Applied Sciences (Switzerland), 2021, 11, 916.	1.3	5
6	Enhanced Bit Repair IP Fast Reroute Mechanism for Rapid Network Recovery. Applied Sciences (Switzerland), 2021, 11, 3133.	1.3	4
7	Database Index Balancing Strategy. , 2021, , .		5
8	Mapping rules for schema transformation : SQL to NoSQL and back. , 2021, , .		4
9	The efficiency of the Temporal Medical Data Retrieval. , 2021, , .		0
10	Improved method of selecting data in a nonrelational database. , 2021, , .		1
11	Relational Pre-indexing Layer Supervised by the DB_index consolidator Background Process. , 2021, , .		4
12	Relational Data Index Consolidation. , 2021, , .		8
13	Flower Master Index for Relational Database Selection and Joining. Advances in Intelligent Systems and Computing, 2021, , 181-202.	0.5	1
14	Use of Machine Learning for the Unknown Values in Database Transformation Processes. , 2021, , .		1
15	Data Loading and Migration Methods in the Cloud Environment. , 2021, , .		1
16	Autonomous Temporal Time Zone Management. , 2021, , .		1
17	Study of duplicate tuple management. , 2021, , .		2
18	Autonomous Temporal Transaction Database. , 2021, , .		4

#	ARTICLE	IF	CITATIONS
19	The Impact of Table and Index Compression. , 2021, , .		0
20	Locating and accessing large datasets using Flower Index Approach. Concurrency Computation Practice and Experience, 2020, 32, e5209.	1.4	4
21	Concept of temporal data retrieval: Undefined value management. Concurrency Computation Practice and Experience, 2020, 32, e5399.	1.4	11
22	Analysis of current trends in relational database indexing. , 2020, , .		6
23	Data Block and Tuple Identification Using Master Index. Sensors, 2020, 20, 1848.	2.1	6
24	Solution Management for Current Temporal Aspect Using Tuple Versions. , 2020, , .		0
25	School information system. , 2020, , .		1
26	Comparison of Apache Technology in Distributed Environment. , 2019, , .		0
27	Comparison of query performance in relational a non-relation databases. Transportation Research Procedia, 2019, 40, 170-177.	0.8	30
28	Efficiency of the relational database tuple access. , 2019, , .		2
29	Data Distribution in Ad-hoc Transport Network. , 2019, , .		6
30	Temporal Data Version Identification using Signature Hash. , 2019, , .		0
31	Versioned database storage using unitemporal relational database. , 2019, , .		7
32	Comparison of Distributed Data Transformation and Comparing Query performance In Relational and Non-relational Database. , 2019, , .		1
33	Data Management in Hierarchical Database - Branches Notification. , 2019, , .		1
34	Master Index Access as a Data Tuple and Block Locator. , 2019, , .		6
35	Computational Study of Emergency Service System Reengineering Under Generalized Disutility. Communications in Computer and Information Science, 2019, , 198-219.	0.4	5
36	Temporal Extension of the Select Statement â€“ New Clauses. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
37	Analysis of Temporal Data Management in the Intelligent Transport System. , 2018, , .		1
38	Temporal Database Architecture Enhancements. , 2018, , .		0
39	Concept of Temporal Data Retrieval Undefined Value Management. Communications in Computer and Information Science, 2018, , 63-74.	0.4	1
40	Temporal Flower Index Eliminating Impact of High Water Mark. Communications in Computer and Information Science, 2018, , 85-98.	0.4	4
41	Temporal transaction integrity constraints management. Cluster Computing, 2017, 20, 673-688.	3.5	9
42	Temporal Index Location in Multiple Tablespace Type Definitions. Procedia Engineering, 2017, 192, 516-521.	1.2	0
43	Temporal database management: Temporal registration. , 2017, , .		5
44	Medical data management. , 2017, , .		8
45	Temporal data retrieval efficiency. , 2017, , .		0
46	Temporal model architecture and operations. , 2017, , .		0
47	Database optimizer extensions using preprocessing layer in temporal environment. , 2017, , .		0
48	Temporal data group management: Synchronization layer using attribute oriented approach. , 2017, , .		2
49	Time as the Important Factor of the Data Retrieval " Table Type Classification. Advances in Intelligent Systems and Computing, 2017, , 492-502.	0.5	1
50	Concept of Dynamic Index Management in Temporal Approach Using Intelligent Transport Systems. Advances in Intelligent Systems and Computing, 2017, , 549-560.	0.5	10
51	Temporal Context Manager. Advances in Intelligent Systems and Computing, 2017, , 169-192.	0.5	4
52	Impact of Index Structures on Temporal Database Performance. , 2016, , .		4
53	Experimental comparison of syntax and semantics of DBS Oracle and MySQL. , 2016, , .		0
54	Performance study of the index structures in audited environment. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
55	Temporal index dispatcher layer service for intelligent transport system. , 2016, , .		2
56	Accuracy sensitivity of the radial approach to large public service system design. , 2016, , .		1
57	Managing and Storing Function Results in Temporal Approach. , 2016, , .		1
58	Trigger Performance Characteristics in Temporal Environment. , 2016, , .		0
59	Complex Data Management in MRI Results Processing. Studies in Computational Intelligence, 2016, , 119-141.	0.7	1
60	Index distribution management in attribute level temporal model. , 2015, , .		2
61	Data management in bioengineering systems. , 2015, , .		0
62	Sensor based transaction temporal database architecture. , 2015, , .		3
63	Complex time management in databases. Open Computer Science, 2014, 4, .	1.3	11
64	Transaction Management in Fully Temporal System. , 2014, , .		17
65	Extended Column Level Temporal System Indexing. , 2014, , .		0
66	Epsilon temporal data in MRI results processing. , 2014, , .		12
67	Transaction management in temporal system. , 2014, , .		18
68	Column Level Uni -Temporal Data. Communications - Scientific Letters of the University of Zilina, 2014, 16, 97-104.	0.3	1
69	Uni-temporal Modelling Extension at the Object vs. Attribute Level. , 2013, , .		12
70	Magnetic resonance imaging results processing. , 2013, , .		4
71	Uni-temporal and Bi-temporal table. , 2013, , .		1
72	Temporal data modelling. , 2013, , .		5

#	ARTICLE	IF	CITATIONS
73	Algorithm for brain tumour detections. Acta Electrotechnica Et Informatica, 2012, 12, .	0.3	7
74	Using Triggers to Provide Database Management and Performance - Temporal Environment. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	0