Alfredo Cuzzocrea

List of Publications by Year
in descending order

416 papers	4,606 citations	159585 30 h-index	289244 40 g-index
453 all docs	453 docs citations	453 times ranked	1723 citing authors

#	Article	IF	Citations
1	Analytics over large-scale multidimensional data. , 2011, , .		225
2	Edge betweenness centrality: A novel algorithm for QoS-based topology control over wireless sensor networks. Journal of Network and Computer Applications, 2012, 35, 1210-1217.	9.1	94
3	Data warehousing and OLAP over big data. , 2013, , .		90
4	Privacy and Security of Big Data. , 2014, , .		90
5	A Fuzzy Logic Based Machine Learning Tool for Supporting Big Data Business Analytics in Complex Artificial Intelligence Environments. , 2019, , .		75
6	Mining constrained frequent itemsets from distributed uncertain data. Future Generation Computer Systems, 2014, 37, 117-126.	7.5	71
7	Token-Based Adaptive Time-Series Prediction by Ensembling Linear and Non-linear Estimators: A Machine Learning Approach for Predictive Analytics on big Stock Data. , 2018, , .		70
8	Game Data Mining: Clustering and Visualization of Online Game Data in Cyber-Physical Worlds. Procedia Computer Science, 2017, 112, 2259-2268.	2.0	67
9	An Innovative Big Data Predictive Analytics Framework over Hybrid Big Data Sources with an Application for Disease Analytics. Advances in Intelligent Systems and Computing, 2020, , 669-680.	0.6	64
10	Predictive analytics on open big data for supporting smart transportation services. Procedia Computer Science, 2020, 176, 3009-3018.	2.0	62
11	Analytics over Big Data: Exploring the Convergence of DataWarehousing, OLAP and Data-Intensive Cloud Infrastructures. , 2013, , .		61
12	Providing probabilistically-bounded approximate answers to non-holistic aggregate range queries in OLAP. , 2005, , .		55
13	Managing Data and Processes in Cloud-Enabled Large-Scale Sensor Networks: State-of-the-Art and Future Research Directions. , 2013, , .		55
14	A novel distributed framework for optimizing query routing trees in wireless sensor networks via optimal operator placement. Journal of Computer and System Sciences, 2013, 79, 349-368.	1.2	52
15	Fighting fake news spread in online social networks: Actual trends and future research directions. , 2017, , .		52
16	Approximate range–sum query answering on data cubes with probabilistic guarantees. Journal of Intelligent Information Systems, 2007, 28, 161-197.	3.9	51
17	Urban Analytics of Big Transportation Data for Supporting Smart Cities. Lecture Notes in Computer Science, 2019, , 24-33.	1.3	51
18	Personalized DeepInf: Enhanced Social Influence Prediction with Deep Learning and Transfer Learning. , 2019, , .		50

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19	Improving range-sum query evaluation on data cubes via polynomial approximation. Data and Knowledge Engineering, 2006, 56, 85-121.	3.4	49
20	Enabling OLAP in mobile environments via intelligent data cube compression techniques. Journal of Intelligent Information Systems, 2009, 33, 95-143.	3.9	49
21	Event-based lossy compression for effective and efficient OLAP over data streams. Data and Knowledge Engineering, 2010, 69, 678-708.	3.4	49
22	Balancing accuracy and privacy of OLAP aggregations on data cubes. , 2010, , .		49
23	Privacy Preserving OLAP over Distributed XML Data: A Theoretically-Sound Secure-Multiparty-Computation Approach. Journal of Computer and System Sciences, 2011, 77, 965-987.	1.2	48
24	Tor traffic analysis and detection via machine learning techniques. , 2017, , .		48
25	Semantics-Aware Advanced OLAP Visualization of Multidimensional Data Cubes. International Journal of Data Warehousing and Mining, 2007, 3, 1-30.	0.6	47
26	<i>LCS</i> -Hist. , 2009, , .		47
27	Fragmenting very large XML data warehouses via K-means clustering algorithm. International Journal of Business Intelligence and Data Mining, 2009, 4, 301.	0.2	47
28	A Robust Sampling-Based Framework for Privacy Preserving OLAP. Lecture Notes in Computer Science, 2008, , 97-114.	1.3	43
29	Retrieving Accurate Estimates to OLAP Queries over Uncertain and Imprecise Multidimensional Data Streams. Lecture Notes in Computer Science, 2011, , 575-576.	1.3	43
30	Effectively and Efficiently Mining Frequent Patterns from Dense Graph Streams on Disk. Procedia Computer Science, 2014, 35, 338-347.	2.0	42
31	A Hierarchy-Driven Compression Technique for Advanced OLAP Visualization of Multidimensional Data Cubes. Lecture Notes in Computer Science, 2006, , 106-119.	1.3	41
32	Machine Learning and OLAP on Big COVID-19 Data. , 2020, , .		41
33	AI-Based Sensor Information Fusion for Supporting Deep Supervised Learning. Sensors, 2019, 19, 1345.	3.8	40
34	Privacy Preserving OLAP and OLAP Security. , 2009, , 1575-1581.		40
35	A Distributed System for Answering Range Queries on Sensor Network Data. , 0, , .		39
36	Storing and retrieving XPath fragments in structured P2P networks. Data and Knowledge Engineering, 2006, 59, 247-269.	3.4	39

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37	Efficient Fragmentation of Large XML Documents. Lecture Notes in Computer Science, 2007, , 539-550.	1.3	39
38	Big Graph Analytics. , 2014, , .		38
39	CAMS: OLAPing Multidimensional Data Streams Efficiently. Lecture Notes in Computer Science, 2009, , 48-62.	1.3	38
40	XPath lookup queries in P2P networks. , 2004, , .		37
41	On Managing Very Large Sensor-Network Data Using Bigtable. , 2012, , .		37
42	Effectively and efficiently supporting roll-up and drill-down OLAP operations over continuous dimensions via hierarchical clustering. Journal of Intelligent Information Systems, 2015, 44, 309-333.	3.9	37
43	A Grid Framework for Approximate Aggregate Query Answering on Summarized Sensor Network Readings. Lecture Notes in Computer Science, 2004, , 144-153.	1.3	37
44	OLAP Visualization. , 2009, , 1439-1446.		37
45	$\mathcal{F}$ & $\mathcal{A}$: A Methodology for Effectively and Efficiently Designing Parallel Relational Data Warehouses on Heterogenous Database Clusters. Lecture Notes in Computer Science, 2010, , 89-104.	1.3	36
46	Discovering Frequent Patterns from Uncertain Data Streams with Time-Fading and Landmark Models. Lecture Notes in Computer Science, 2013, , 174-196.	1.3	36
47	An Intelligent Predictive Analytics System for Transportation Analytics on Open Data Towards the Development of a Smart City. Advances in Intelligent Systems and Computing, 2020, , 224-236.	0.6	36
48	Analytical Synopses for Approximate Query Answering in OLAP Environments. Lecture Notes in Computer Science, 2004, , 359-370.	1.3	36
49	XAHM. , 2002, , .		35
50	OLAP*: Effectively and Efficiently Supporting Parallel OLAP over Big Data. Lecture Notes in Computer Science, 2013, , 38-49.	1.3	34
51	Community Detection in Multi-relational Social Networks. Lecture Notes in Computer Science, 2013, , 43-56.	1.3	33
52	OLAP analysis of multidimensional tweet streams for supporting advanced analytics. , 2016, , .		32
53	Big Data Visualisation and Visual Analytics for Music Data Mining. , 2018, , .		32
54	Overcoming Limitations of Approximate Query Answering in OLAP. , 0, , .		31

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55	Accuracy Control in Compressed Multidimensional Data Cubes for Quality of Answer-based OLAP Tools. , 0, , .		31
56	Fuzzy Logic-Based Data Analytics on Predicting the Effect of Hurricanes on the Stock Market. , 2018, , .		31
57	Pattern Mining from big IoT Data with fog Computing: Models, Issues, and Research Perspectives. , 2019, , .		29
58	Interpretable Anomaly Prediction: Predicting anomalous behavior in industry 4.0 settings via regularized logistic regression tools. Data and Knowledge Engineering, 2020, 130, 101850.	3.4	29
59	Hand-OLAP: a system for delivering OLAP services on handheld devices. , 0, , .		28
60	Privacy-Preserving Frequent Pattern Mining from Big Uncertain Data. , 2018, , .		27
61	Approximate Query Answering on Sensor Network Data Streams. , 2004, , 53-72.		25
62	Effectively and Efficiently Designing and Querying Parallel Relational Data Warehouses on Heterogeneous Database Clusters. Journal of Database Management, 2012, 23, 17-51.	1.5	23
63	Predicting facebook-users' personality based on status and linguistic features via flexible regression analysis techniques. , 2018, , .		21
64	MapReduce-Based Complex Big Data Analytics over Uncertain and Imprecise Social Networks. Lecture Notes in Computer Science, 2017, , 130-145.	1.3	21
65	High-Recall Information Retrieval from Linked Big Data. , 2015, , .		20
66	Knowledge Discovery from Social Graph Data. Procedia Computer Science, 2016, 96, 682-691.	2.0	20
67	Fast Privacy-Preserving Keyword Search on Encrypted Outsourced Data. , 2019, , .		20
68	Big Data Lakes: Models, Frameworks, and Techniques. , 2021, , .		19
69	Sports Data Management, Mining, and Visualization. Lecture Notes in Networks and Systems, 2022, , 141-153.	0.7	18
70	A secure multiparty computation privacy preserving OLAP framework over distributed XML data. , 2010, , .		17
71	Exploiting compression and approximation paradigms for effective and efficient online analytical processing over sensor network readings in data grid environments. Concurrency Computation Practice and Experience, 2013, 25, 2016-2035.	2.2	17
72	An Information-Theoretic Approach for Setting the Optimal Number of Decision Trees in Random Forests. , 2013, , .		17

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73	Data warehousing and OLAP over Big Data: a survey of the state-of-the-art, open problems and future challenges. International Journal of Business Process Integration and Management, 2015, 7, 372.	0.0	17
74	A Robust and Versatile Multi-View Learning Framework for the Detection of Deviant Business Process Instances. International Journal of Cooperative Information Systems, 2016, 25, 1740003.	0.8	17
75	Strategies and systems towards grids and clouds integration:A DBMS-based solution. Future Generation Computer Systems, 2018, 88, 718-729.	7.5	17
76	A Big Data Science Solution for Analytics on Moving Objects. Lecture Notes in Networks and Systems, 2021, , 133-145.	0.7	17
77	Open Data Lake to Support Machine Learning on Arctic Big Data. , 2021, , .		17
78	Enhanced Prediction of User-Preferred YouTube Videos Based on Cleaned Viewing Pattern History. Procedia Computer Science, 2017, 112, 2230-2239.	2.0	16
79	A Bayesian Framework for Supporting Predictive Analytics over Big Transportation Data. , 2021, , .		16
80	Skyline Query Processing over Encrypted Data. , 2014, , .		15
81	A Big Data Analytics Framework for Supporting Multidimensional Mining over Big Healthcare Data. , 2016, , .		15
82	Privacy-Preserving Publishing and Visualization of Spatial-Temporal Information. , 2021, , .		15
83	Edge-based Mining of Frequent Subgraphs from Graph Streams. Procedia Computer Science, 2015, 60, 573-582.	2.0	14
84	Aggregation and multidimensional analysis of big data for large-scale scientific applications. , 2015, , .		14
85	Interactive mining of diverse social entities. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2016, 20, 97-111.	1.0	14
86	Clustering Geo-tagged Tweets for Advanced Big Data Analytics. , 2016, , .		14
87	A multi-view multi-dimensional ensemble learning approach to mining business process deviances. , 2016, , .		14
88	An innovative framework for supporting big atmospheric data analytics via clustering-based spatio-temporal analysis. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3383-3398.	4.9	14
89	Supporting Social Information Discovery from Big Uncertain Social Key-Value Data via Graph-Like Metaphors. Lecture Notes in Computer Science, 2018, , 102-116.	1.3	13
90	Predictive monitoring of temporally-aggregated performance indicators of business processes against low-level streaming events. Information Systems, 2019, 81, 236-266.	3.6	13

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91	A Theoretical Approach to Discover Mutual Friendships from Social Graph Networks. , 2019, , .		13
92	Temporal Aspects of Big Data Management: State-of-the-Art Analysis and Future Research Directions. , 2015, , .		12
93	Privacy-Preserving Big Data Stream Mining: Opportunities, Challenges, Directions. , 2017, , .		12
94	An Innovative Framework for Supporting Cognitive-Based Big Data Analytics for Frequent Pattern Mining. , 2018, , .		12
95	BFSPMiner: an effective and efficient batch-free algorithm for mining sequential patterns over data streams. International Journal of Data Science and Analytics, 2019, 8, 223-239.	4.1	12
96	A Combined Deep-Learning and Transfer-Learning Approach for Supporting Social Influence Prediction. Procedia Computer Science, 2020, 177, 170-177.	2.0	12
97	Effective and efficient skyline query processing over attribute-order-preserving-free encrypted data in cloud-enabled databases. Future Generation Computer Systems, 2022, 126, 237-251.	7.5	12
98	Efficient Frequent Itemset Mining from Dense Data Streams. Lecture Notes in Computer Science, 2014, , 593-601.	1.3	11
99	A Machine Learning Tool for Supporting Advanced Knowledge Discovery from Chess Game Data. , 2017, , .		11
100	Verification of Partitioning and Allocation Techniques on Teradata DBMS. Lecture Notes in Computer Science, 2011, , 158-169.	1.3	10
101	Towards OLAP Analysis of Multidimensional Tweet Streams. , 2015, , .		10
102	An innovative majority voting mechanism in interactive social network clustering. , 2017, , .		10
103	Data masking techniques for NoSQL database security: A systematic review. , 2017, , .		10
104	Big Data Mining or Turning Data Mining into Predictive Analytics from Large-Scale 3Vs Data: The Future Challenge for Knowledge Discovery. Lecture Notes in Computer Science, 2014, , 4-8.	1.3	10
105	A Multi-view Learning Approach to the Discovery of Deviant Process Instances. Lecture Notes in Computer Science, 2015, , 146-165.	1.3	10
106	Mining Popular Patterns: A Novel Mining Problem and Its Application to Static Transactional Databases and Dynamic Data Streams. Lecture Notes in Computer Science, 2015, , 115-139.	1.3	10
107	Data science for healthcare predictive analytics. , 2020, , .		10
108	A reference architecture for knowledge management-based Web systems. , 0, , .		9

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109	Effectively and efficiently selecting access control rules on materialized views over relational databases. , 2010, , .		9
110	Discovering semantic Web services via advanced graph-based matching. , 2011, , .		9
111	Enhancing accuracy and expressive power of range query answers over incomplete spatial databases via a novel reasoning approach. Data and Knowledge Engineering, 2011, 70, 702-716.	3.4	9
112	A framework for modeling and supporting data transformation services over data and knowledge grids with realâ€time bound constraints. Concurrency Computation Practice and Experience, 2011, 23, 436-457.	2.2	9
113	A Bigtable/MapReduce-Based Cloud Infrastructure for Effectively and Efficiently Managing Large-Scale Sensor Networks. Lecture Notes in Computer Science, 2012, , 25-36.	1.3	9
114	<i>DynamicNet</i>. , 2013, , .		9
115	A Cloud-Based Framework for Supporting Effective and Efficient OLAP in Big Data Environments. , 2014, , .		9
116	Energy-Efficient Data Mining Techniques for Emergency Detection in Wireless Sensor Networks. , 2016, , .		9
117	Item-centric mining of frequent patterns from big uncertain data. Procedia Computer Science, 2018, 126, 1875-1884.	2.0	9
118	Knowledge Discovery from Geo-Located Tweets for Supporting Advanced Big Data Analytics: A Real-Life Experience. Lecture Notes in Computer Science, 2015, , 285-294.	1.3	9
119	A Visual Data Science Solution for Visualization and Visual Analytics of Big Sequential Data. , 2021, , .		9
120	ClustCube. , 2011, , .		8
121	An Innovative Framework for Effectively and Efficiently Supporting Big Data Analytics over Geo-Located Mobile Social Media. , 2016, , .		8
122	Scalable OLAP-Based Big Data Analytics over Cloud Infrastructures. , 2017, , .		8
123	A Big-Data-Analytics Framework for Supporting Logistics Problems in Smart-City Environments. Procedia Computer Science, 2019, 159, 2589-2597.	2.0	8
124	Enhancing LSTM Prediction of Vehicle Traffic Flow Data via Outlier Correlations. , 2021, , .		8
125	Taxonomy-Based Detection of User Emotions for Advanced Artificial Intelligent Applications. Lecture Notes in Computer Science, 2018, , 573-585.	1.3	8
126	OLAP Data Cube Compression Techniques: A Ten-Year-Long History. Lecture Notes in Computer Science, 2010, , 751-754.	1.3	8

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127	Stream mining of frequent sets with limited memory. , 2013, , .		7
128	Parallel Coordinates Technique in Visual Data Mining: Advantages, Disadvantages and Combinations. , 2013, , .		7
129	A Decomposition Framework for Computing and Querying Multidimensional OLAP Data Cubes over Probabilistic Relational Data. Fundamenta Informaticae, 2014, 132, 239-266.	0.4	7
130	Provenance Research Issues and Challenges in the Big Data Era. , 2015, , .		7
131	Applying Machine Learning Techniques to Detect and Analyze Web Phishing Attacks. , 2018, , .		7
132	A Big-Data-Analytics Framework for Supporting Classification of ADHD and Healthy Children via Principal Component Analysis of EEG Sleep Spindles Power Spectra. Procedia Computer Science, 2019, 159, 1584-1590.	2.0	7
133	A rewrite/merge approach for supporting real-time data warehousing via lightweight data integration. Journal of Supercomputing, 2020, 76, 3898-3922.	3.6	7
134	Distributed Big Data Computing for Supporting Predictive Analytics of Service Requests. , 2021, , .		7
135	Multi-class Text Complexity Evaluation via Deep Neural Networks. Lecture Notes in Computer Science, 2019, , 313-322.	1.3	7
136	Mining Frequent Itemsets from Sparse Data Streams in Limited Memory Environments. Lecture Notes in Computer Science, 2013, , 51-57.	1.3	7
137	Supporting Privacy-Preserving Big Data Analytics on Temporal Open Big Data. Procedia Computer Science, 2022, 198, 112-121.	2.0	7
138	Efficiently Compressing OLAP Data Cubes via R-Tree Based Recursive Partitions. Lecture Notes in Computer Science, 2012, , 455-465.	1.3	6
139	An effective and efficient parallel approach for random graph generation over GPUs. Journal of Parallel and Distributed Computing, 2013, 73, 303-316.	4.1	6
140	A Tree-based Algorithm for Mining Diverse Social Entities. Procedia Computer Science, 2014, 35, 223-232.	2.0	6
141	Big data compression paradigms for supporting efficient and scalable data-intensive IoT frameworks. , 2016, , .		6
142	Warehousing and Protecting Big Data. , 2016, , .		6
143	I-HASTREAM: Density-Based Hierarchical Clustering of Big Data Streams and Its Application to Big Graph Analytics Tools. , 2016, , .		6
144	MapReduce-Based Algorithms for Managing Big RDF Graphs: State-of-the-Art Analysis, Paradigms, and Future Directions. , 2017, , .		6

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145	A Novel Structural-Entropy-based Classification Technique for Supporting Android Ransomware Detection and Analysis. , 2018, , .		6
146	Pedigree-ing Your Big Data: Data-Driven Big Data Privacy in Distributed Environments. , 2018, , .		6
147	An Innovative Framework for Supporting Frequent Pattern Mining Problems in IoT Environments. Lecture Notes in Computer Science, 2018, , 642-657.	1.3	6
148	Making the Pedigree to Your Big Data Repository: Innovative Methods, Solutions, and Algorithms for Supporting Big Data Privacy in Distributed Settings via Data-Driven Paradigms. , 2019, , .		6
149	Complex Mining from Uncertain Big Data in Distributed Environments. , 2017, , 297-332.		6
150	Cubing Algorithms for XML Data. , 2009, , .		5
151	On Improvement of Cloud Virtual Machine Availability with Virtualization Fault Tolerance Mechanism. , 2011, , .		5
152	Data De-duplication: A Review. Studies in Computational Intelligence, 2011, , 385-412.	0.9	5
153	Towards a theory for privacy preserving distributed OLAP. , 2012, , .		5
154	Theoretical and practical aspects of warehousing, querying and mining sensor and streaming data. Journal of Computer and System Sciences, 2013, 79, 309-311.	1.2	5
155	Horizontal partitioning of very-large data warehouses under dynamically-changing query workloads via incremental algorithms. , 2013, , .		5
156	Community evolution detection in time-evolving information networks. , 2013, , .		5
157	Processing and mining complex data streams. Information Sciences, 2014, 285, 63-65.	6.9	5
158	Modeling and Supporting ETL Processes via a Pattern-Oriented, Task-Reusable Framework. , 2014, , .		5
159	Adaptive data stream mining for wireless sensor networks. , 2014, , .		5
160	Detecting overlapping communities in poly-relational networks. World Wide Web, 2015, 18, 1373-1390.	4.0	5
161	An Effective and Efficient Similarity-Matrix-Based Algorithm for Clustering Big Mobile Social Data. , 2016, , .		5
162	Semantics Meets Big Data: Formal Models, Practical Issues, Novel Paradigms. Journal on Data Semantics, 2016, 5, 1-2.	2.0	5

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163	Big-data-driven innovation for enterprises. , 2017, , .		5
164	Multidimensional database modeling: Literature survey and research agenda in the big data era. , 2017, , .		5
165	RAPID: A Fast Data Update Protocol in Erasure Coded Storage Systems for Big Data. , 2017, , .		5
166	A Scalable Cloud-Edge Computing Framework for Supporting Device-Adaptive Big Media Provisioning. , 2018, , .		5
167	A novel GPU-aware Histogram-based algorithm for supporting moving object segmentation in big-data-based IoT application scenarios. Information Sciences, 2019, 496, 592-612.	6.9	5
168	A composite machine-learning-based framework for supporting low-level event logs to high-level business process model activities mappings enhanced by flexible BPMN model translation. Soft Computing, 2020, 24, 7557-7578.	3.6	5
169	An innovative user-attentive framework for supporting real-time detection and mining of streaming microblog posts. Soft Computing, 2020, 24, 9663-9682.	3.6	5
170	Cyber-attack detection via non-linear prediction of IP addresses: an innovative big data analytics approach. Multimedia Tools and Applications, 2022, 81, 171-189.	3.9	5
171	Mining Uplink-Downlink User Association in Wireless Heterogeneous Networks. Lecture Notes in Computer Science, 2016, , 533-541.	1.3	5
172	Experimenting the Query Performance of a Grid-Based Sensor Network Data Warehouse. Lecture Notes in Computer Science, 2008, , 105-119.	1.3	5
173	Efficiently Computing and Querying Multidimensional OLAP Data Cubes over Probabilistic Relational Data. Lecture Notes in Computer Science, 2010, , 132-148.	1.3	5
174	Approximate OLAP Query Processing over Uncertain and Imprecise Multidimensional Data Streams. Lecture Notes in Computer Science, 2013, , 156-173.	1.3	5
175	Synopsis Data Structures for Representing, Querying, and Mining Data Streams. , 2009, , 701-715.		5
176	SJClust: Towards a Framework for Integrating Similarity Join Algorithms and Clustering. , 2016, , .		5
177	Dempster-Shafer-Based Fusion of Multi-Modal Biometrics for Supporting Identity Verification Effectively and Efficiently. , 2021, , .		5
178	An OLAM-Based Framework for Complex Knowledge Pattern Discovery in Distributed-and-Heterogeneous-Data-Sources and Cooperative Information Systems. Lecture Notes in Computer Science, 2007, , 181-198.	1.3	5
179	Evaluating Attribution Methods in Machine Learning Interpretability. , 2021, , .		5
180	Synopsis Data Structures for XML Databases: Models, Issues, and Research Perspectives. , 2007, , .		4

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181	A top-down approach for compressing data cubes under the simultaneous evaluation of multiple hierarchical range queries. Journal of Intelligent Information Systems, 2010, 34, 305-343.	3.9	4
182	Intelligent knowledge-based models and methodologies for complex information systems. Information Sciences, 2012, 194, 1-3.	6.9	4
183	Implementing BFS-based Traversals of RDF Graphs over MapReduce Efficiently. , 2013, , .		4
184	Further Theoretical Contributions to a Privacy Preserving Distributed OLAP Framework. , 2013, , .		4
185	A Global Paradigm for Designing Parallel Relational Data Warehouses in Distributed Environments. Lecture Notes in Computer Science, 2014, , 64-101.	1.3	4
186	Approximation to Expected Support of Frequent Itemsets in Mining Probabilistic Sets of Uncertain Data. Procedia Computer Science, 2015, 60, 613-622.	2.0	4
187	Cloud-Based OLAP over Big Data: Application Scenarios and Performance Analysis. , 2015, , .		4
188	Runtime Anomaly Detection in Embedded Systems by Binary Tracing and Hidden Markov Models. , 2015, , .		4
189	An Effective and Efficient MapReduce Algorithm for Computing BFS-Based Traversals of Large-Scale RDF Graphs. Algorithms, 2016, 9, 7.	2.1	4
190	Private databases on the cloud: Models, issues and research perspectives. , 2016, , .		4
191	A semantic-web-technology-based framework for supporting knowledge-driven digital forensics. , 2016, , .		4
192	Multidimensional mining of big social data for supporting advanced big data analytics. , 2017, , .		4
193	Data analytics on the board game Go for the discovery of interesting sequences of moves in joseki. Procedia Computer Science, 2018, 126, 831-840.	2.0	4
194	Experimenting and assessing machine learning tools for detecting and analyzing malicious behaviors in complex environments. Journal of Reliable Intelligent Environments, 2018, 4, 225-245.	5.2	4
195	An Innovative Lambda-Architecture-Based Data Warehouse Maintenance Framework forÂEffective and Efficient Near-Real-Time OLAP over Big Data. Lecture Notes in Computer Science, 2018, , 149-165.	1.3	4
196	Social Big Data: Mining, Applications, and Beyond. Complexity, 2019, 2019, 1-2.	1.6	4
197	An Effective and Efficient Technique for Supporting Privacy-Preserving Keyword-Based Search over Encrypted Data in Clouds. Procedia Computer Science, 2020, 177, 509-515.	2.0	4
198	Financial Forecasting via Deep-Learning and Machine-Learning Tools over Two-Dimensional Objects Transformed from Time Series. Lecture Notes in Computer Science, 2021, , 550-563.	1.3	4

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199	Syntactic and semantic validation of SPARQL queries. , 2017, , .		4
200	Analysis and Comparison of Deep Learning Networks for Supporting Sentiment Mining in Text Corpora. , 2020, , .		4
201	An Effective and Efficient Genetic-Fuzzy Algorithm for Supporting Advanced Human-Machine Interfaces in Big Data Settings. Algorithms, 2020, 13, 13.	2.1	4
202	Answering Approximate Range Aggregate Queries on OLAP Data Cubes with Probabilistic Guarantees. Lecture Notes in Computer Science, 2004, , 97-107.	1.3	4
203	Improving OLAP Analysis of Multidimensional Data Streams via Efficient Compression Techniques. , 2010, , 17-49.		4
204	Computing Theoretically-Sound Upper Bounds to Expected Support for Frequent Pattern Mining Problems over Uncertain Big Data. Communications in Computer and Information Science, 2016, , 379-392.	0.5	4
205	A Composite Methodology for Supporting Early-Detection of Handwriting Dysgraphia via Big Data Analysis Techniques. Smart Innovation, Systems and Technologies, 2018, , 241-253.	0.6	4
206	An Intelligent Visual Big Data Analytics Framework for Supporting Interactive Exploration and Visualization of Big OLAP Cubes. , 2020, , .		4
207	Detecting Botnet Nodes via Structural Node Representation Learning. , 2021, , .		4
208	Pushing knowledge management in web information systems engineering. , 0, , .		3
209	Delivering Semantics-aware Compressed OLAP Views in Mobile Environments with Hand-OLAP. , 2009, , .		3
210	Query Optimization over Parallel Relational Data Warehouses in Distributed Environments by Simultaneous Fragmentation and Allocation. Lecture Notes in Computer Science, 2010, , 124-135.	1.3	3
211	Record Linkage in Data Warehousing: State-of-the-Art Analysis and Research Perspectives. , 2011, , .		3
212	A flexible graph-based approach for matching composite semantic web services. , 2011, , .		3
213	Data warehousing and knowledge discovery from sensors and streams. Knowledge and Information Systems, 2011, 28, 491-493.	3.2	3
214	Introduction to special issue: ICISA 2010. Cluster Computing, 2012, 15, 1-1.	5.0	3
215	Models and Algorithms for High-Performance Data Management and Mining on Computational Grids and Clouds. Journal of Grid Computing, 2014, 12, 443-445.	3.9	3
216	Real-Time Data Warehousing: A Rewrite/Merge Approach. Lecture Notes in Computer Science, 2014, , 78-88.	1.3	3

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217	Cloud-Based Machine Learning Tools for Enhanced Big Data Applications. , 2015, , .		3
218	Design, implementation and validation of AI-inspired information systems. Journal of Intelligent Information Systems, 2015, 45, 1-3.	3.9	3
219	Incorporating Clustering into Set Similarity Join Algorithms: The SjClust Framework. Lecture Notes in Computer Science, 2016, , 185-204.	1.3	3
220	A General Overview of Privacy-Preserving Big Data Management and Analytics Models, Methods and Techniques in Specific Domains: Static and Dynamic Distributed Environments. , 2018, , .		3
221	CIKM 2018 Co-Located Workshops Summary. , 2018, , .		3
222	A Predictive Learning Framework for Monitoring Aggregated Performance Indicators over Business Process Events. , 2018, , .		3
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