

Alfredo Cuzzocrea

List of Publications by Year in descending order

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415
papers

4,606
citations

159358

30
h-index

288905

40
g-index

453
all docs

453
docs citations

453
times ranked

1723
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyber-attack detection via non-linear prediction of IP addresses: an innovative big data analytics approach. Multimedia Tools and Applications, 2022, 81, 171-189.	2.6	5
2	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.	4.9	12
3	Predictive Big Data Analytics for Service Requests: A Framework. Procedia Computer Science, 2022, 198, 102-111.	1.2	2
4	Supporting Privacy-Preserving Big Data Analytics on Temporal Open Big Data. Procedia Computer Science, 2022, 198, 112-121.	1.2	7
5	Sports Data Management, Mining, and Visualization. Lecture Notes in Networks and Systems, 2022, , 141-153.	0.5	18
6	Towards a Grid-Based Framework for Supporting Range Aggregate Queries Over Big Sensor Network Readings. International Journal of Distributed Systems and Technologies, 2022, 13, 1-20.	0.6	0
7	Content-Based Authorship Identification for Short Texts in Social Media Networks. Lecture Notes in Computer Science, 2021, , 27-37.	1.0	0
8	A Novel Approach for Supporting Italian Satire Detection Through Deep Learning. Lecture Notes in Computer Science, 2021, , 170-181.	1.0	1
9	Big Data Lakes: Models, Frameworks, and Techniques. , 2021, , .		19
10	A Novel Genetic Scan-Matching-Based Registration Algorithm for Supporting Moving Objects Tracking Effectively and Efficiently. IEEE Access, 2021, , 1-1.	2.6	0
11	A Neural-Network-Based Framework for Supporting Driver Classification and Analysis. Lecture Notes in Computer Science, 2021, , 28-39.	1.0	0
12	An Innovative Monocular Mobile Object Self-localization Approach Based on Ceiling Vision. Lecture Notes in Networks and Systems, 2021, , 713-730.	0.5	0
13	A Framework for Supporting Ransomware Detection and Prevention Based on Hybrid Analysis. Lecture Notes in Computer Science, 2021, , 16-27.	1.0	0
14	A Machine-Learning-Based Framework for Supporting Malware Detection and Analysis. Lecture Notes in Computer Science, 2021, , 353-365.	1.0	0
15	A composite framework for supporting user emotion detection based on intelligent taxonomy handling. Logic Journal of the IGPL, 2021, 29, 207-219.	1.3	3
16	Distributed Big Data Computing for Supporting Predictive Analytics of Service Requests. , 2021, , .		7
17	A Markovian Probabilistic Model for Risk Analysis and Forecasting in Big Healthcare Data Settings. , 2021, , .		1
18	A Bayesian Framework for Supporting Predictive Analytics over Big Transportation Data. , 2021, , .		16

#	ARTICLE	IF	CITATIONS
19	Enhancing LSTM Prediction of Vehicle Traffic Flow Data via Outlier Correlations. , 2021, , .		8
20	Scalable Query Processing and Query Engines over Cloud Databases: Models, Paradigms, Techniques, Future Challenges. , 2021, , .		0
21	A Big Data Science Solution for Analytics on Moving Objects. Lecture Notes in Networks and Systems, 2021, , 133-145.	0.5	17
22	Enhancing Scan Matching Algorithms via Genetic Programming for Supporting Big Moving Objects Tracking and Analysis in Emerging Environments. Lecture Notes in Computer Science, 2021, , 348-360.	1.0	0
23	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.	1.0	4
24	Dempster-Shafer-Based Fusion of Multi-Modal Biometrics for Supporting Identity Verification Effectively and Efficiently. , 2021, , .		5
25	A Visual Data Science Solution for Visualization and Visual Analytics of Big Sequential Data. , 2021, , .		9
26	SeDaSOMA: A Framework for Supporting Serendipitous, Data-As-A-Service-Oriented, Open Big Data Management and Analytics. , 2021, , .		0
27	Lyapunov Central Limit Theorem: Theoretical Properties and Applications in Big-Data-Populated Smart City Settings. , 2021, , .		2
28	Open Data Lake to Support Machine Learning on Arctic Big Data. , 2021, , .		17
29	Privacy-Preserving Big Data Exchange: Models, Issues, Future Research Directions. , 2021, , .		3
30	Evaluating Attribution Methods in Machine Learning Interpretability. , 2021, , .		5
31	Android Malware Identification and Polymorphic Evolution Via Graph Representation Learning. , 2021, , .		2
32	Privacy-Preserving Publishing and Visualization of Spatial-Temporal Information. , 2021, , .		15
33	Detecting Botnet Nodes via Structural Node Representation Learning. , 2021, , .		4
34	Identifying Malicious Users in the Offshore Leaks Networks via Structural Node Representation Learning. , 2021, , .		2
35	A rewrite/merge approach for supporting real-time data warehousing via lightweight data integration. Journal of Supercomputing, 2020, 76, 3898-3922.	2.4	7
36	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.	2.1	5

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37	An innovative user-attentive framework for supporting real-time detection and mining of streaming microblog posts. <i>Soft Computing</i> , 2020, 24, 9663-9682.	2.1	5
38	Interpretable Anomaly Prediction: Predicting anomalous behavior in industry 4.0 settings via regularized logistic regression tools. <i>Data and Knowledge Engineering</i> , 2020, 130, 101850.	2.1	29
39	Predictive analytics on open big data for supporting smart transportation services. <i>Procedia Computer Science</i> , 2020, 176, 3009-3018.	1.2	62
40	Advanced, Privacy-Preserving and Approximate Big Data Management and Analytics in Distributed Environments: What is Now and What is Next. , 2020, , .		0
41	A Deep-Learning-Based Framework for Supporting Analysis and Detection of Attacks on CAN Buses. <i>Procedia Computer Science</i> , 2020, 176, 2999-3008.	1.2	1
42	SPPOLAP: Computing Privacy-Preserving OLAP Data Cubes Effectively and Efficiently Algorithms, Complexity Analysis and Experimental Evaluation. <i>Procedia Computer Science</i> , 2020, 176, 3831-3842.	1.2	2
43	A Combined Deep-Learning and Transfer-Learning Approach for Supporting Social Influence Prediction. <i>Procedia Computer Science</i> , 2020, 177, 170-177.	1.2	12
44	An Effective and Efficient Technique for Supporting Privacy-Preserving Keyword-Based Search over Encrypted Data in Clouds. <i>Procedia Computer Science</i> , 2020, 177, 509-515.	1.2	4
45	Experimenting and Assessing a Distributed Privacy-Preserving OLAP over Big Data Framework: Principles, Practice, and Experiences. , 2020, , .		3
46	An Intelligent Predictive Analytics System for Transportation Analytics on Open Data Towards the Development of a Smart City. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 224-236.	0.5	36
47	An Innovative Big Data Predictive Analytics Framework over Hybrid Big Data Sources with an Application for Disease Analytics. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 669-680.	0.5	64
48	A Flexible and Interpretable Framework for Predicting Anomalous Behavior in Industry 4.0 Environments. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 693-702.	0.5	1
49	A Novel Big Data Analytics Approach for Supporting Cyber Attack Detection via Non-linear Analytic Prediction of IP Addresses. <i>Lecture Notes in Computer Science</i> , 2020, , 978-991.	1.0	2
50	Machine Learning and OLAP on Big COVID-19 Data. , 2020, , .		41
51	Analysis and Comparison of Deep Learning Networks for Supporting Sentiment Mining in Text Corpora. , 2020, , .		4
52	An Effective and Efficient Genetic-Fuzzy Algorithm for Supporting Advanced Human-Machine Interfaces in Big Data Settings. <i>Algorithms</i> , 2020, 13, 13.	1.2	4
53	Uncertainty and Imprecision in Big Data Management. , 2020, , .		0
54	Data science for healthcare predictive analytics. , 2020, , .		10

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55	OLAPing Big Social Data. , 2020, , .		3
56	A Big-Data Variational Bayesian Framework for Supporting the Prediction of Functional Outcomes in Wake-Up Stroke Patients. Lecture Notes in Computer Science, 2020, , 992-1002.	1.0	0
57	A Kinect-Based Gesture Acquisition and Reproduction System for Humanoid Robots. Lecture Notes in Computer Science, 2020, , 967-977.	1.0	1
58	Data-Intensive Object-Oriented Adaptive Web Systems. , 2020, , .		3
59	An Intelligent Visual Big Data Analytics Framework for Supporting Interactive Exploration and Visualization of Big OLAP Cubes. , 2020, , .		4
60	Scalable Distributed Pivot Analysis over Massive Big Data: Models, Paradigms, New Advancements. , 2020, , .		0
61	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.	3.3	14
62	Effective and Efficient Big Data Management in Distributed Environments: Models, Issues, and Research Perspectives. , 2019, , .		2
63	Pattern Mining from big IoT Data with fog Computing: Models, Issues, and Research Perspectives. , 2019, , .		29
64	A Big-Data-Analytics System for Supporting Decision Making Processes in Complex Smart-City Applications. Lecture Notes in Computer Science, 2019, , 787-802.	1.0	0
65	Towards An Effective and Efficient Machine-Learning-Based Framework for Supporting Event Detection in Complex Environments. , 2019, , .		0
66	A Fuzzy Logic Based Machine Learning Tool for Supporting Big Data Business Analytics in Complex Artificial Intelligence Environments. , 2019, , .		75
67	A Big-Data-Analytics Framework for Supporting Logistics Problems in Smart-City Environments. Procedia Computer Science, 2019, 159, 2589-2597.	1.2	8
68	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.	1.2	7
69	Big data intelligence. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3325-3327.	3.3	0
70	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
71	An effective and efficient algorithm for ranking web documents via genetic programming. , 2019, , .		2
72	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.	4.0	5

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73	AI-Based Sensor Information Fusion for Supporting Deep Supervised Learning. <i>Sensors</i> , 2019, 19, 1345.	2.1	40
74	Effective and efficient distributed management of big clinical data: a framework. <i>International Journal of Data Mining, Modelling and Management</i> , 2019, 11, 284.	0.1	0
75	Personalized DeepInf: Enhanced Social Influence Prediction with Deep Learning and Transfer Learning. , 2019, , .		50
76	Fast privacy-preserving keyword search on encrypted outsourced data. , 2019, , .		0
77	Management and Analytics of Big Data Sources in Intelligent Smart Environments: Where We Are and Where We Are Going. , 2019, , .		0
78	Fast Privacy-Preserving Keyword Search on Encrypted Outsourced Data. , 2019, , .		20
79	RIBS: Risky Blind-Spots for Attack Classification Models. , 2019, , .		2
80	An Innovative Online Process Mining Framework for Supporting Incremental GDPR Compliance of Business Processes. , 2019, , .		2
81	Experiential Learning: Case Study-Based Portable Hands-on Regression Labware for Cyber Fraud Prediction. , 2019, , .		1
82	Social Big Data: Mining, Applications, and Beyond. <i>Complexity</i> , 2019, 2019, 1-2.	0.9	4
83	BFSPMiner: an effective and efficient batch-free algorithm for mining sequential patterns over data streams. <i>International Journal of Data Science and Analytics</i> , 2019, 8, 223-239.	2.4	12
84	Predictive monitoring of temporally-aggregated performance indicators of business processes against low-level streaming events. <i>Information Systems</i> , 2019, 81, 236-266.	2.4	13
85	Urban Analytics of Big Transportation Data for Supporting Smart Cities. <i>Lecture Notes in Computer Science</i> , 2019, , 24-33.	1.0	51
86	Multi-class Text Complexity Evaluation via Deep Neural Networks. <i>Lecture Notes in Computer Science</i> , 2019, , 313-322.	1.0	7
87	An HMM-Based Framework for Supporting Accurate Classification of Music Datasets. <i>Studies in Big Data</i> , 2019, , 277-289.	0.8	2
88	A Theoretical Approach to Discover Mutual Friendships from Social Graph Networks. , 2019, , .		13
89	REMS.PA: A Complex Framework for Supporting OLAP-based Big Data Analytics over Data-intensive Business Processes. , 2019, , .		3
90	An Innovative Deep-Learning Algorithm for Supporting the Approximate Classification of Workloads in Big Data Environments. <i>Lecture Notes in Computer Science</i> , 2019, , 225-237.	1.0	3

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91	An Innovative Framework for Supporting Social Network Polluting-content Detection and Analysis. , 2019, , .		0
92	Querying and Learning OSN Graphs for Advanced Viral Marketing Applications. , 2019, , .		1
93	Big Data Management and Analytics in Intelligent Smart Environments. , 2019, , .		0
94	Big Web Data: Warehousing and Analytics. Lecture Notes in Computer Science, 2018, , 265-266.	1.0	0
95	Strategies and systems towards grids and clouds integration:A DBMS-based solution. Future Generation Computer Systems, 2018, 88, 718-729.	4.9	17
96	Advanced pattern recognition from complex environments: a classification-based approach. Soft Computing, 2018, 22, 4763-4778.	2.1	1
97	Effectively and Efficiently Supporting Encrypted OLAP Queries over Big Data: Models, Issues, Challenges. Lecture Notes in Electrical Engineering, 2018, , 329-336.	0.3	0
98	Privacy-Preserving Frequent Pattern Mining from Big Uncertain Data. , 2018, , .		27
99	Improving Machine Learning Tools with Embeddings: Applications to Big Data Security. , 2018, , .		0
100	Deviance-Aware Discovery of High-Quality Process Models. International Journal on Artificial Intelligence Tools, 2018, 27, 1860009.	0.7	2
101	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
102	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
103	Applying Machine Learning Techniques to Detect and Analyze Web Phishing Attacks. , 2018, , .		7
104	A Crowdsourcing Semi-Supervised LSTM Training Approach to Identify Novel Items in Emerging Artificial Intelligent Environments. , 2018, , .		2
105	Item-centric mining of frequent patterns from big uncertain data. Procedia Computer Science, 2018, 126, 1875-1884.	1.2	9
106	Data analytics on the board game Go for the discovery of interesting sequences of moves in joseki. Procedia Computer Science, 2018, 126, 831-840.	1.2	4
107	Experimenting and assessing machine learning tools for detecting and analyzing malicious behaviors in complex environments. Journal of Reliable Intelligent Environments, 2018, 4, 225-245.	3.8	4
108	Detecting and Analyzing Anomalies Across Historical Data Changes: A Data-Driven Approach. , 2018, , .		0

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109	Big Data Visualisation and Visual Analytics for Music Data Mining. , 2018, , .		32
110	CIKM 2018 Co-Located Workshops Summary. , 2018, , .		3
111	Scalable Privacy-Preserving Big Data Management and Analytics. , 2018, , .		0
112	A Novel Structural-Entropy-based Classification Technique for Supporting Android Ransomware Detection and Analysis. , 2018, , .		6
113	Fuzzy Logic-Based Data Analytics on Predicting the Effect of Hurricanes on the Stock Market. , 2018, , .		31
114	An Innovative Framework for Supporting Cognitive-Based Big Data Analytics for Frequent Pattern Mining. , 2018, , .		12
115	An Innovative Lambda-Architecture-Based Data Warehouse Maintenance Framework for Effective and Efficient Near-Real-Time OLAP over Big Data. Lecture Notes in Computer Science, 2018, , 149-165.	1.0	4
116	Supporting Social Information Discovery from Big Uncertain Social Key-Value Data via Graph-Like Metaphors. Lecture Notes in Computer Science, 2018, , 102-116.	1.0	13
117	Detecting Insider Malicious Activities in Cloud Collaboration Systems. Fundamenta Informaticae, 2018, 161, 299-316.	0.3	1
118	Predicting facebook-users' personality based on status and linguistic features via flexible regression analysis techniques. , 2018, , .		21
119	Towards Lambda-Based Near Real-Time OLAP over Big Data. , 2018, , .		2
120	A Scalable Cloud-Edge Computing Framework for Supporting Device-Adaptive Big Media Provisioning. , 2018, , .		5
121	Pedigree-ing Your Big Data: Data-Driven Big Data Privacy in Distributed Environments. , 2018, , .		6
122	An Innovative Framework for Supporting Frequent Pattern Mining Problems in IoT Environments. Lecture Notes in Computer Science, 2018, , 642-657.	1.0	6
123	A Predictive Learning Framework for Monitoring Aggregated Performance Indicators over Business Process Events. , 2018, , .		3
124	Learning Ranking Functions by Genetic Programming Revisited. Lecture Notes in Computer Science, 2018, , 378-386.	1.0	1
125	Taxonomy-Based Detection of User Emotions for Advanced Artificial Intelligent Applications. Lecture Notes in Computer Science, 2018, , 573-585.	1.0	8
126	Experimenting and Assessing a Probabilistic Business Process Deviance Mining Framework Based on Ensemble Learning. Lecture Notes in Business Information Processing, 2018, , 96-124.	0.8	2

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127	SjClust: A Framework for Incorporating Clustering into Set Similarity Join Algorithms. Lecture Notes in Computer Science, 2018, , 89-118.	1.0	2
128	A Composite Methodology for Supporting Early-Detection of Handwriting Dysgraphia via Big Data Analysis Techniques. Smart Innovation, Systems and Technologies, 2018, , 241-253.	0.5	4
129	Intelligent Sensor Data Fusion for Supporting Advanced Smart Health Processes. Advances in Intelligent Systems and Computing, 2018, , 361-370.	0.5	2
130	XML-VM: An XML-Based Grid Computing Middleware. Advances in Intelligent Systems and Computing, 2018, , 349-360.	0.5	0
131	An Effective and Efficient Approach for Supporting the Generation of Synthetic Memory Reference Traces via Hierarchical Hidden/Non-Hidden Markov Models. , 2018, , .		0
132	An innovative majority voting mechanism in interactive social network clustering. , 2017, , .		10
133	MapReduce-Based Algorithms for Managing Big RDF Graphs: State-of-the-Art Analysis, Paradigms, and Future Directions. , 2017, , .		6
134	Big-data-driven innovation for enterprises. , 2017, , .		5
135	An effective and efficient approximate two-dimensional dynamic programming algorithm for supporting advanced computer vision applications. Journal of Visual Languages and Computing, 2017, 42, 13-22.	1.8	1
136	Multidimensional database modeling: Literature survey and research agenda in the big data era. , 2017, , .		5
137	Enhanced Prediction of User-Preferred YouTube Videos Based on Cleaned Viewing Pattern History. Procedia Computer Science, 2017, 112, 2230-2239.	1.2	16
138	Game Data Mining: Clustering and Visualization of Online Game Data in Cyber-Physical Worlds. Procedia Computer Science, 2017, 112, 2259-2268.	1.2	67
139	RAPID: A Fast Data Update Protocol in Erasure Coded Storage Systems for Big Data. , 2017, , .		5
140	Multidimensional mining of big social data for supporting advanced big data analytics. , 2017, , .		4
141	Taming Size and Cardinality of OLAP Data Cubes over Big Data. Lecture Notes in Computer Science, 2017, , 113-125.	1.0	2
142	Semantics-Aware Approaches to Big Data Engineering. Journal on Data Semantics, 2017, 6, 55-56.	2.0	1
143	Data masking techniques for NoSQL database security: A systematic review. , 2017, , .		10
144	Fighting fake news spread in online social networks: Actual trends and future research directions. , 2017, , .		52

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145	A Machine Learning Tool for Supporting Advanced Knowledge Discovery from Chess Game Data. , 2017, , .		11
146	Tor traffic analysis and detection via machine learning techniques. , 2017, , .		48
147	Privacy-Preserving Big Data Stream Mining: Opportunities, Challenges, Directions. , 2017, , .		12
148	Advanced ECHMM-Based Machine Learning Tools for Complex Big Data Applications. , 2017, , .		0
149	Automatic Big Data Provenance Capture at Middleware Level in Advanced Big Data Frameworks. Computer Communications and Networks, 2017, , 219-239.	0.8	1
150	Scalable OLAP-Based Big Data Analytics over Cloud Infrastructures. , 2017, , .		8
151	Enhancing contact center performance using cloud computing. , 2017, , .		2
152	Querying Encrypted OLAP Data. , 2017, , .		1
153	Deviance-Aware Discovery of High Quality Process Models. , 2017, , .		2
154	Business scenarios for hierarchical workload management in data centers. , 2017, , .		0
155	Genetic Estimation of Iterated Function Systems for Accurate Fractal Modeling in Pattern Recognition Tools. Lecture Notes in Computer Science, 2017, , 357-371.	1.0	3
156	MapReduce-Based Complex Big Data Analytics over Uncertain and Imprecise Social Networks. Lecture Notes in Computer Science, 2017, , 130-145.	1.0	21
157	An effective and efficient hybrid scan matching algorithm for mobile object applications. , 2017, , .		1
158	Syntactic and semantic validation of SPARQL queries. , 2017, , .		4
159	Complex Mining from Uncertain Big Data in Distributed Environments. , 2017, , 297-332.		6
160	A Novel Approach for Supporting Approximate Representation of Linear Prediction Residuals in Pattern Recognition Tools. Lecture Notes in Computer Science, 2017, , 342-356.	1.0	0
161	Ergodic Hidden Markov Models for Workload Characterization Problems. , 2017, , .		1
162	Interactive mining of diverse social entities. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2016, 20, 97-111.	0.7	14

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163	An Effective and Efficient MapReduce Algorithm for Computing BFS-Based Traversals of Large-Scale RDF Graphs. Algorithms, 2016, 9, 7.	1.2	4
164	Algorithms for Managing, Querying and Processing Big Data in Cloud Environments. Algorithms, 2016, 9, 13.	1.2	2
165	An Innovative Similarity Measure for Sentence Plagiarism Detection. Lecture Notes in Computer Science, 2016, , 552-566.	1.0	1
166	Big data compression paradigms for supporting efficient and scalable data-intensive IoT frameworks. , 2016, , .		6
167	Private databases on the cloud: Models, issues and research perspectives. , 2016, , .		4
168	An efficient CUDA-based approximate two-dimensional dynamic programming algorithm for advanced computer vision applications. , 2016, , .		1
169	A semantic-web-technology-based framework for supporting knowledge-driven digital forensics. , 2016, , .		4
170	An Effective and Efficient Similarity-Matrix-Based Algorithm for Clustering Big Mobile Social Data. , 2016, , .		5
171	A Big Data Analytics Framework for Supporting Multidimensional Mining over Big Healthcare Data. , 2016, , .		15
172	Energy-Efficient Data Mining Techniques for Emergency Detection in Wireless Sensor Networks. , 2016, , .		9
173	Warehousing and Protecting Big Data. , 2016, , .		6
174	A DBMS-Based System for Integrating Grids and Clouds. , 2016, , .		1
175	I-HASTREAM: Density-Based Hierarchical Clustering of Big Data Streams and Its Application to Big Graph Analytics Tools. , 2016, , .		6
176	GPU-Aware Genetic Estimation of Hidden Markov Models for Workload Classification Problems. , 2016, , .		0
177	Clustering Geo-tagged Tweets for Advanced Big Data Analytics. , 2016, , .		14
178	Incorporating Clustering into Set Similarity Join Algorithms: The SjClust Framework. Lecture Notes in Computer Science, 2016, , 185-204.	1.0	3
179	A Reference Architecture for Supporting Secure Big Data Analytics over Cloud-Enabled Relational Databases. , 2016, , .		2
180	An Innovative Framework for Effectively and Efficiently Supporting Big Data Analytics over Geo-Located Mobile Social Media. , 2016, , .		8

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181	Towards Temporal Analysis of Integrated Scenarios for Sustainable Innovation. Lecture Notes in Computer Science, 2016, , 544-551.	1.0	1
182	Knowledge Discovery from Social Graph Data. Procedia Computer Science, 2016, 96, 682-691.	1.2	20
183	A multi-view multi-dimensional ensemble learning approach to mining business process deviances. , 2016, , .		14
184	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.	0.6	17
185	OLAP analysis of multidimensional tweet streams for supporting advanced analytics. , 2016, , .		32
186	Clustering-Based Spatio-Temporal Analysis of Big Atmospheric Data. , 2016, , .		2
187	Semantics Meets Big Data: Formal Models, Practical Issues, Novel Paradigms. Journal on Data Semantics, 2016, 5, 1-2.	2.0	5
188	Mining Uplink-Downlink User Association in Wireless Heterogeneous Networks. Lecture Notes in Computer Science, 2016, , 533-541.	1.0	5
189	SJClust: Towards a Framework for Integrating Similarity Join Algorithms and Clustering. , 2016, , .		5
190	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.	0.4	4
191	SemSynX: Flexible Similarity Analysis of XML Data via Semantic and Syntactic Heterogeneity/Homogeneity Detection. Lecture Notes in Computer Science, 2016, , 14-26.	1.0	1
192	Real-time counting of moving objects in complex environments. , 2016, , .		0
193	Towards An Effective and Efficient Approximation Algorithm for Advanced Computer Vision Applications based on Two-Dimensional Dynamic Programming. , 2016, , .		0
194	OLAP-enabled web search of complex objects. , 2015, , .		1
195	A collaborative framework for supporting combined visualization of activities across time zones. , 2015, , .		2
196	Towards OLAP Analysis of Multidimensional Tweet Streams. , 2015, , .		10
197	Effective and Efficient Moving Object Segmentation via an Innovative Statistical Approach. , 2015, , .		1
198	Spatio-temporal analysis of Greenhouse Gas data via clustering techniques. , 2015, , .		2

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199	Edge-based Mining of Frequent Subgraphs from Graph Streams. <i>Procedia Computer Science</i> , 2015, 60, 573-582.	1.2	14
200	Automatic Learning for Supporting Advanced Human-Machine Interfaces. , 2015, , .		0
201	Approximation to Expected Support of Frequent Itemsets in Mining Probabilistic Sets of Uncertain Data. <i>Procedia Computer Science</i> , 2015, 60, 613-622.	1.2	4
202	Temporal Aspects of Big Data Management: State-of-the-Art Analysis and Future Research Directions. , 2015, , .		12
203	A Simulation Framework for Efficient Resource Management on Hybrid Systems. , 2015, , .		1
204	Heterogeneous k-anonymization with high utility. , 2015, , .		1
205	Data warehousing and OLAP over Big Data: a survey of the state-of-the-art, open problems and future challenges. <i>International Journal of Business Process Integration and Management</i> , 2015, 7, 372.	0.2	17
206	A distributed framework for supporting adaptive ensemble-based intrusion detection. , 2015, , .		1
207	Detecting overlapping communities in poly-relational networks. <i>World Wide Web</i> , 2015, 18, 1373-1390.	2.7	5
208	Aggregation and multidimensional analysis of big data for large-scale scientific applications. , 2015, , .		14
209	Provenance Research Issues and Challenges in the Big Data Era. , 2015, , .		7
210	A Classification-Based Algorithm for Building 3D Maps of Environmental Objects. , 2015, , .		1
211	High-Recall Information Retrieval from Linked Big Data. , 2015, , .		20
212	Cloud-Based OLAP over Big Data: Application Scenarios and Performance Analysis. , 2015, , .		4
213	Runtime Anomaly Detection in Embedded Systems by Binary Tracing and Hidden Markov Models. , 2015, , .		4
214	Coarse-grained workload categorization in virtual environments using the Dempster-Shafer fusion. , 2015, , .		0
215	Cloud-Based Machine Learning Tools for Enhanced Big Data Applications. , 2015, , .		3
216	Distributed Classification of Data Streams: An Adaptive Technique. <i>Lecture Notes in Computer Science</i> , 2015, , 296-309.	1.0	1

#	ARTICLE	IF	CITATIONS
217	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.	2.8	37
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