

Mehmet S Aktas

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

1,196
citations

394421

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580821

25
g-index

102
all docs

102
docs citations

102
times ranked

289
citing authors

#	ARTICLE	IF	CITATIONS
1	On the provenance extraction techniques from large scale log files. Concurrency Computation Practice and Experience, 2023, 35, e6559.	2.2	2
2	On the distributed software architecture of a data analysis workflow: A case study. Concurrency Computation Practice and Experience, 2022, 34, e6522.	2.2	2
3	A novel visualization approach for data provenance. Concurrency Computation Practice and Experience, 2022, 34, .	2.2	4
4	Pattern2Vec: Representation of clickstream data sequences for learning user navigational behavior. Concurrency Computation Practice and Experience, 2022, 34, e6546.	2.2	29
5	Scalable recommendation systems based on finding similar items and sequences. Concurrency Computation Practice and Experience, 2022, 34, .	2.2	8
6	A Novel Approach to Test Case Prioritization for Software Regression Tests. Lecture Notes in Computer Science, 2021, , 201-216.	1.3	1
7	On the Provenance Extraction Techniques from Large Scale Log Files: A Case Study for the Numerical Weather Prediction Models. Lecture Notes in Computer Science, 2021, , 249-260.	1.3	3
8	On the Implicit Feedback Based Data Modeling Approaches for Recommendation Systems. , 2021, , .		3
9	Real-Time Fraud Prediction On Streaming Customer-Behaviour Data. , 2021, , .		3
10	Sequential Rule Mining on the Student Behavior Data of an E-Learning Platform in the Field of Financial Sciences: Case Study. , 2021, , .		2
11	Customer Churn Behaviour Predicting Using Social Network Analysis Techniques: A Case Study. , 2021, , .		1
12	Fraud Detection on Streaming Customer Behavior Data with Unsupervised Learning Methods. , 2021, , .		2
13	On the Data Analysis Workflow for Predicting Customer Churn Behavior in Cargo and Logistics Sectors: Case Study. , 2021, , .		2
14	An Approach to Recommendation Systems Using Scalable Association Mining Algorithms on Big Data Processing Platforms: A Case Study in Airline Industry. , 2021, , .		9
15	Service Rate Region: A New Aspect of Coded Distributed System Design. IEEE Transactions on Information Theory, 2021, 67, 7940-7963.	2.4	6
16	On the Detecting Anomalies within the Clickstream Data: Case Study for Financial Data Analysis Websites. , 2021, , .		0
17	On the Use of Generative Deep Learning Approaches for Generating Hidden Test Scripts. International Journal of Software Engineering and Knowledge Engineering, 2021, 31, 1447-1468.	0.8	12
18	A Novel Distributed Software Architecture for Managing Customer Behavior Data: A Case Study in Banking Sector. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	A Usability Study on Data Provenance Visualization Approaches. , 2021, , .		2
20	Test Script Generation Based on Hidden Markov Models Learning From User Browsing Behaviors. , 2021, , .		5
21	Big Data Testing Framework for Recommendation Systems in e-Science and e-Commerce Domains. , 2021, , .		7
22	Prediction of Success and Complex Event Processing in E-Learning. , 2020, , .		1
23	Management of Virtualization Technologies with Complex Event Processing. , 2020, , .		0
24	Real-time Detection of Anomalies on Performance Data of Container Virtualization Platforms. , 2020, , .		1
25	Web Application Testing With Model Based Testing Method: Case Study. , 2020, , .		4
26	Human Factor on Software Quality: A Systematic Literature Review. Lecture Notes in Computer Science, 2020, , 918-930.	1.3	11
27	On the Large-scale Graph Data Processing for User Interface Testing in Big Data Science Projects. , 2020, , .		28
28	Representation of Click-Stream Data Sequences for Learning User Navigational Behavior by Using Embeddings. , 2020, , .		30
29	Software Architecture of a System Designed for Churn Analysis and Customer Retention in Banking Industry. , 2020, , .		1
30	Impact of Personal Factors on Software Quality. , 2020, , .		2
31	Provisioning System for Application Virtualization Environments. Advances in Data Mining and Database Management Book Series, 2020, , 131-145.	0.5	2
32	Detecting misinformation in social networks using provenance data. Concurrency Computation Practice and Experience, 2019, 31, e4793.	2.2	36
33	Prediction of Purchase Intention on the E-Commerce Clickstream Data. , 2019, , .		4
34	On the Use of Technical Analysis Indicators for Stock Market Price Movement Direction Prediction. , 2019, , .		7
35	On the RESTful Web Services for Managing Application Virtualization Environments. , 2019, , .		0
36	On the Use of Hyperparameter Optimization in Big Data Processing Pipelines: A Case Study. , 2019, , .		0

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37	Financial Risk Prediction Based On Case Based Reasoning Methodology. , 2019, , .		4
38	Implementation of Data Preprocessing Techniques on Distributed Big Data Platforms. , 2019, , .		12
39	Bankruptcy Risk Forecast Based on Company Balance Sheet Data Using Machine Learning. , 2019, , .		1
40	Implementation of Association Rule Mining Algorithms on Distributed Data Processing Platforms. , 2019, , .		5
41	Company Sales Prediction and Stock Exchange Investor Profit Prediction based on Company Balance Sheet Data. , 2019, , .		2
42	Application of provenance in social computing: A case study. Concurrency Computation Practice and Experience, 2019, 31, e4894.	2.2	30
43	Provenance aware runtime verification of things for self-healing Internet of Things applications. Concurrency Computation Practice and Experience, 2019, 31, e4263.	2.2	48
44	Data Imputation Methods for Missing Values in the Context of Clustering. Advances in Knowledge Acquisition, Transfer and Management Book Series, 2019, , 240-274.	0.2	5
45	A Data Provenance Visualization Approach. , 2018, , .		8
46	Technical Analysis on Financial Time Series Data Based on Map-Reduce Programming Model: A Case Study. , 2018, , .		3
47	Provisioning System for Application Virtualization Environments. , 2018, , .		0
48	On the Data Stream Processing Frameworks: A Case Study. , 2018, , .		4
49	On the Performance Analysis of Map-Reduce Programming Model on In-Memory NoSQL Storage Platforms: A Case Study. , 2018, , .		4
50	Provenance Collection Platform for the Weather Research and Forecasting Model. , 2018, , .		38
51	Data Mining Library for Big Data Processing Platforms: A Case Study-Sparkling Water Platform. , 2018, , .		1
52	Data Feature Selection Methods on Distributed Big Data Processing Platforms. , 2018, , .		10
53	Special issue on High performance computing conference (BASARIMâ€™2017). Concurrency Computation Practice and Experience, 2018, 30, e4926.	2.2	0
54	An approach to custom privacy policy violation detection problems using big social provenance data. Concurrency Computation Practice and Experience, 2018, 30, e4690.	2.2	39

#	ARTICLE	IF	CITATIONS
55	Credit risk analysis with classification Restricted Boltzmann Machine. , 2018, , .		8
56	Hybrid cloud computing monitoring software architecture. Concurrency Computation Practice and Experience, 2018, 30, e4694.	2.2	33
57	Implicit feature detection by ontology aided feature-based opinion summarization. , 2017, , .		0
58	Detecting Misinformation in Social Networks Using Provenance Data. , 2017, , .		24
59	A mapping study on the behavirol analysis of Tor relay protocol. , 2017, , .		1
60	On the service capacity region of accessing erasure coded content. , 2017, , .		13
61	Provenance in Social Computing: A Case Study. , 2017, , .		5
62	Implementation of Analytical Hierarchy Process in Detecting Structural Code Clones. Lecture Notes in Computer Science, 2017, , 652-664.	1.3	4
63	A software architecture for monitoring big data storage platforms. Pamukkale University Journal of Engineering Sciences, 2017, 23, 597-601.	0.4	1
64	A Big Data Processing Framework for Self-Healing Internet of Things Applications. , 2016, , .		22
65	An Approach to Standalone Provenance Systems for Big Social Provenance Data. , 2016, , .		32
66	Structural Code Clone Detection Methodology Using Software Metrics. International Journal of Software Engineering and Knowledge Engineering, 2016, 26, 307-332.	0.8	14
67	An approach to hybrid personalized recommender systems. , 2016, , .		8
68	Improving Awareness in Ambient-Assisted Living Systems: Consolidated Data Stream Processing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 89-94.	0.3	0
69	On the Detection of Information Pollution and Violation of Copyrights in the Social Web. , 2015, , .		8
70	Mobile Application Verification: A Systematic Mapping Study. Lecture Notes in Computer Science, 2015, , 147-163.	1.3	25
71	Effectiveness of an Online Automated Evaluation and Feedback System in an Introductory Computer Literacy Course. Eurasia Journal of Mathematics, Science and Technology Education, 2014, 10, .	1.3	3
72	Temporal representation for mining scientific data provenance. Future Generation Computer Systems, 2014, 36, 363-378.	7.5	34

#	ARTICLE	IF	CITATIONS
73	On the Structural Code Clone Detection Problem: A Survey and Software Metric Based Approach. Lecture Notes in Computer Science, 2014, , 492-507.	1.3	25
74	Provenance Capture and Use in a Satellite Data Processing Pipeline. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 5090-5097.	6.3	26
75	Unmanaged Workflows: Their Provenance and Use. Studies in Computational Intelligence, 2013, , 59-81.	0.9	20
76	Temporal representation for scientific data provenance. , 2012, , .		20
77	High-performance hybrid information service architecture. Concurrency Computation Practice and Experience, 2010, 22, 2095-2123.	2.2	22
78	BlogMiner: Web Blog Mining Application for Classification of Movie Reviews. , 2010, , .		27
79	A Federated Approach to Information Management in Grids. International Journal of Web Services Research, 2010, 7, 65-98.	0.8	5
80	Principles and Experiences. , 2010, , 58-77.		2
81	Algorithms and the Grid. Computing and Visualization in Science, 2009, 12, 115-124.	1.2	26
82	The QuakeSim Project: Web Services for Managing Geophysical Data and Applications. Pure and Applied Geophysics, 2008, 165, 635-651.	1.9	22
83	XML Metadata Services. Concurrency Computation Practice and Experience, 2008, 20, 801-823.	2.2	26
84	Building and applying geographical information system Grids. Concurrency Computation Practice and Experience, 2008, 20, 1653-1695.	2.2	31
85	The QuakeSim Project: Web Services for Managing Geophysical Data and Applications. , 2008, , 635-651.		10
86	Information Federation in Grids. , 2008, , .		3
87	A Retrospective on the Development of Web Service Specifications. , 2008, , 22-49.		2
88	VLab: collaborative Grid services and portals to support computational material science. Concurrency Computation Practice and Experience, 2007, 19, 1717-1728.	2.2	26
89	Fault tolerant high performance Information Services for dynamic collections of Grid and Web services. Future Generation Computer Systems, 2007, 23, 317-337.	7.5	45
90	XML Metadata Services. , 2006, , .		11

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91	iSERVO: Implementing the International Solid Earth Research Virtual Observatory by Integrating Computational Grid and Geographical Information Web Services. Pure and Applied Geophysics, 2006, 163, 2281-2296.	1.9	33
92	Real Time Streaming Data Grid Applications. , 2006, , 253-267.		24
93	Using Hyperlink Features to Personalize Web Search. Lecture Notes in Computer Science, 2006, , 104-115.	1.3	15
94	Building Sensor Filter Grids: Information Architecture for the Data Deluge. , 2005, , .		2
95	Information Services for Dynamically Assembled Semantic Grids. , 2005, , .		35
96	A Web based Conversational Case-Based Recommender System for Ontology aided Metadata Discovery. , 0, , .		39
97	Association Rule Mining on Big Data Sets. , 0, , .		3
98	Mobile Web Service Architecture Using Context-store. KSII Transactions on Internet and Information Systems, 0, , .	0.3	6
99	A Federated Approach to Information Management in Grids. , 0, , 71-103.		0