

Message from the Vice President, Cyber Security Innovation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A User Authentication Scheme Using Physiological and Behavioral Biometrics for Multitouch Devices. Scientific World Journal, The, 2014, 2014, 1-12.	2.1	15
2	A Research Agenda for Benchmarking the Resilience of Software Defined Networks. , 2014, , .		1
3	Creating portable TOSCA archive for iKnow University Management System. , 0, , .		9
4	A Visualized Framework of Automatic Orchestration Engine Supporting Hybrid Cloud Resources. , 2014, , .		0
5	ART Lab infrastructure for semantic Big Data processing. , 2014, , .		1
6	Integration of SDR and SDN for 5G. IEEE Access, 2014, 2, 1196-1204.	4.2	128
7	COLD: Cloud Optimized Workload Deployer. , 2014, , .		1
8	Realizing the Potential of IoT Using Software-Defined Ecosystems. , 2015, , .		4
9	GA Based Placement Optimization for Hybrid Distributed Storage. , 2015, , .		1
10	Software Defined Networking for Communication and Control of Cyber-Physical Systems. , 2015, , .		23
11	From Data to Knowledge: A Cognitive Approach to Retail Business Intelligence. , 2015, , .		9
12	Apex Lake. , 2015, , .		9
13	Efficient Software-Based Mobile Cloud Computing Framework. , 2015, , .		9
14	Modeling and performance analysis for composite networkâ€œcompute service provisioning in software-defined cloud environments. Digital Communications and Networks, 2015, 1, 181-190.	5.0	10
16	Big data analytics: a literature review. Journal of Management Analytics, 2015, 2, 175-201.	2.5	67
17	Quantitative Placement of Services in Hierarchical Clouds. Lecture Notes in Computer Science, 2015, , 195-210.	1.3	5
18	Cloud Standby Deployment: A Model-Driven Deployment Method for Disaster Recovery in the Cloud. , 2015, , .		2
19	Architecting a Software-Defined Storage Platform for Cloud Storage Service. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
20	Cognitive decision making in smart industry. Computers in Industry, 2015, 74, 151-161.	9.9	35
21	A Framework for Realizing Software-Defined Federations for Scientific Workflows. , 2015, , .		6
22	Federated selection of network and cloud services for high-performance software-defined cloud computing. International Journal of High Performance Computing and Networking, 2016, 9, 316.	0.4	2
23	Analytics, challenges and applications in big data environment: a survey. Journal of Management Analytics, 2016, 3, 206-239.	2.5	52
24	Path Intelligence GSM Sensor: A Novel Enabling Technology for Retail Mobile Location Analytics. , 2016, , .		1
25	Experiences evaluating OpenStack network data plane performance and scalability. , 2016, , .		4
26	Research Trends in Security and DDoS in SDN. Security and Communication Networks, 2016, 9, 6386-6411.	1.5	68
27	Towards Extracting Customer Needs from Incident Tickets in IT Services. , 2016, , .		2
28	Software defined networks: A survey. Journal of Network and Computer Applications, 2016, 67, 1-25.	9.1	184
29	Purchase behavior analysis through gaze and gesture observation. Pattern Recognition Letters, 2016, 81, 21-29.	4.2	4
30	A performance measurement system to quantify the contribution of social media: new requirements for metrics and methods. Measuring Business Excellence, 2016, 20, 38-51.	2.4	41
31	Delivering software with agility and quality in a cloud environment. IBM Journal of Research and Development, 2016, 60, 10:1-10:11.	3.1	9
32	IOStack: Software-Defined Object Storage. IEEE Internet Computing, 2016, 20, 10-18.	3.3	20
33	Software-Defined Networking-Based Enhancements to Data Quality and QoS in Multi-tenanted Data Center Clouds. , 2016, , .		3
34	Dynamic resource orchestration for multi-task application in heterogeneous mobile cloud computing. , 2016, , .		11
35	Efficient and secure software-defined mobile cloud computing infrastructure. International Journal of High Performance Computing and Networking, 2016, 9, 328.	0.4	11
36	Solution Biasing for Optimized Cloud Workload Placement. , 2016, , .		5
37	Resource orchestration in SDN-based future optical data centres. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
38	Distributed clinical data sharing via dynamic access-control policy transformation. International Journal of Medical Informatics, 2016, 89, 25-31.	3.3	37
39	Joint Optimization of Task Scheduling and Image Placement in Fog Computing Supported Software-Defined Embedded System. IEEE Transactions on Computers, 2016, 65, 3702-3712.	3.4	343
40	The Future of Digital Business Innovation. , 2016, , .		24
41	Software defined cloud: Survey, system and evaluation. Future Generation Computer Systems, 2016, 58, 56-74.	7.5	98
42	Survey on Network Virtualization Hypervisors for Software Defined Networking. IEEE Communications Surveys and Tutorials, 2016, 18, 655-685.	39.4	226
43	Continuous deployment of software intensive products and services: A systematic mapping study. Journal of Systems and Software, 2017, 123, 263-291.	4.5	172
44	A Mobility Analytical Framework for Big Mobile Data in Densely Populated Area. IEEE Transactions on Vehicular Technology, 2017, 66, 1443-1455.	6.3	78
45	Valuation of a Company using Time Series Analysis. Journal of Business Valuation and Economic Loss Analysis, 2017, 12, 1-39.	0.2	2
46	Hotspot Ranking Based Indoor Mapping and Mobility Analysis Using Crowdsourced Wi-Fi Signal. IEEE Access, 2017, 5, 3594-3602.	4.2	12
47	A survey on scholarly data: From big data perspective. Information Processing and Management, 2017, 53, 923-944.	8.6	96
48	A Survey on Network Methodologies for Real-Time Analytics of Massive IoT Data and Open Research Issues. IEEE Communications Surveys and Tutorials, 2017, 19, 1457-1477.	39.4	300
49	Software-Defined System Support for Enabling Ubiquitous Mobile Edge Computing. Computer Journal, 2017, 60, 1443-1457.	2.4	44
50	SD-CPS: Taming the challenges of Cyber-Physical Systems with a Software-Defined approach. , 2017, , .		16
51	Cloud bursting approach based on predicting requests for business-critical web systems. , 2017, , .		7
52	SafeFS: a modular architecture for secure user-space file systems. , 2017, , .		14
53	Review on Big Data & Analytics "Concepts, Philosophy, Process and Applications. Cybernetics and Information Technologies, 2017, 17, 3-27.	1.1	23
54	A Big Data solution for troubleshooting mobile network performance problems. , 2017, , .		2
55	Ontology-based recommender system for COTS components. Journal of Systems and Software, 2017, 132, 283-297.	4.5	10

#	ARTICLE	IF	CITATIONS
56	Enabling Distributed Software-Defined Environments Using Dynamic Infrastructure Service Composition. , 2017, , .		6
57	Towards QoS-aware scheduling in software-defined storage networks. , 2017, , .		0
58	Comparing Software Defined architectures for coalition operations. , 2017, , .		7
59	Topology Discovery in Software Defined Networks: Threats, Taxonomy, and State-of-the-Art. IEEE Communications Surveys and Tutorials, 2017, 19, 303-324.	39.4	122
60	Composable architecture for rack scale big data computing. Future Generation Computer Systems, 2017, 67, 180-193.	7.5	49
61	Light-Weight and Robust Security-Aware D2D-Assist Data Transmission Protocol for Mobile-Health Systems. IEEE Transactions on Information Forensics and Security, 2017, 12, 662-675.	6.9	128
62	iSDF: An integrated software-defined computing framework for scientific experiments. , 2017, , .		0
63	A cognitive assistant for risk identification and modeling. , 2017, , .		2
64	Utilizing Multi-Level Data Fault Tolerance to Conserve Energy on Software-Defined Storage. , 2017, , .		1
65	Performance Anomaly Detection Using Datacenter Landscape Graphs. , 2017, , .		1
66	Towards an architecture for policy-based management of software defined coalitions. , 2017, , .		2
67	Use of the Smart Store for Persuasive Marketing and Immersive Customer Experiences: A Case Study of Korean Apparel Enterprise. Mobile Information Systems, 2017, 2017, 1-17.	0.6	47
68	Distributed controller clustering in software defined networks. PLoS ONE, 2017, 12, e0174715.	2.5	52
69	Financial decision support: an overview of developments and recent trends. EURO Journal on Decision Processes, 2018, 6, 63-76.	2.7	12
71	The role of privacy policy on consumersâ€™ perceived privacy. Government Information Quarterly, 2018, 35, 445-459.	6.8	78
72	Software-defined environments for science and engineering. International Journal of High Performance Computing Applications, 2018, 32, 104-122.	3.7	5
73	Distributed behavior model orchestration in cognitive internet of things solution. Enterprise Information Systems, 2018, 12, 414-434.	4.7	38
74	Capacity Optimization for Resource Pooling in Virtualized Data Centers with Composable Systems. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 324-337.	5.6	11

#	ARTICLE	IF	CITATIONS
75	Haphazard, enhanced haphazard and personalised anonymisation for privacy preserving data mining on sensitive data sources. International Journal of Business Intelligence and Data Mining, 2018, 13, 456.	0.2	6
76	Visualising Business Data: A Survey. Information (Switzerland), 2018, 9, 285.	2.9	17
77	v-Mapper: An Application-Aware Resource Consolidation Scheme for Cloud Data Centers. Future Internet, 2018, 10, 90.	3.8	12
78	Collective Abstractions and Platforms for Large-Scale Self-Adaptive IoT. , 2018, , .		7
79	Dimensions, Bits, and Wows in Accelerating Materials Discovery. Springer Series in Materials Science, 2018, , 1-14.	0.6	1
80	Developing A Digital Banking Framework in the Iranian Banks. International Journal of E-Business Research, 2018, 14, 65-77.	1.0	8
81	Approximate top-K answering under uncertain schema mappings. Data and Knowledge Engineering, 2018, 118, 71-91.	3.4	0
82	Anonymous Data Sharing Scheme in Public Cloud and Its Application in E-Health Record. IEEE Access, 2018, 6, 27818-27826.	4.2	11
83	Pedestrian Motion Learning Based Indoor WLAN Localization via Spatial Clustering. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	1.2	2
84	Digitalisation and Big Data Mining in Banking. Big Data and Cognitive Computing, 2018, 2, 18.	4.7	89
85	Distributed Human Machine Interface with Localization Functionalities: A Real Test Bench. , 2018, , .		6
86	Management of Services of a Hyperconverged Infrastructure Using the Coordinator. Advances in Intelligent Systems and Computing, 2019, , 456-467.	0.6	1
87	A Fault Diagnosis Model Based on Convolution Neural Network for Wind Turbine Rolling Bearing. IOP Conference Series: Earth and Environmental Science, 0, 252, 032039.	0.3	2
88	Multi-sensing based target tracking by using decision-making strategy with spatial and temporal properties. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	1
89	Some reverse mean inequalities for operators and matrices. Journal of Inequalities and Applications, 2019, 2019, .	1.1	2
90	DBN Based Cloud Service Response Time Prediction Method. , 2019, , .		5
91	Privacy Risk of Connected Vehicles in Relation to Vehicle Tracking when Transmitting Basic Safety Message Type 1 Data. Transportation Research Record, 2019, 2673, 636-643.	1.9	3
92	Platform for Adaptive Knowledge Discovery and Decision Making Based on Big Genomics Data Analytics. Lecture Notes in Computer Science, 2019, , 297-308.	1.3	8

#	ARTICLE	IF	CITATIONS
93	Software-defined object storage in multi-tenant environments. <i>Future Generation Computer Systems</i> , 2019, 99, 54-72.	7.5	3
94	PolyBench: The First Benchmark for Polystores. <i>Lecture Notes in Computer Science</i> , 2019, , 24-41.	1.3	9
95	Microservice-Oriented Platform for Internet of Big Data Analytics: A Proof of Concept. <i>Sensors</i> , 2019, 19, 1134.	3.8	16
96	TOSCA-based Intent modelling: goal-modelling for infrastructure-as-code. <i>Software-Intensive Cyber-Physical Systems</i> , 2019, 34, 163-172.	2.3	8
97	Software defined networking: State-of-the-art. <i>Journal of High Speed Networks</i> , 2019, 25, 1-40.	0.8	4
98	Decision-making for small industrial Internet of Things using decision fusion. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2019, 27, 4134-4150.	1.4	2
99	Predictive System Based Multi-layered Clustering Model and Least Absolute Shrinkage and Selection Operator (LASSO). , 2019, , .		0
100	Game Based SBCA Cloud Resource Adjustment Method. , 2019, , .		2
101	SD-CPS: software-defined cyber-physical systems. Taming the challenges of CPS with workflows at the edge. <i>Cluster Computing</i> , 2019, 22, 661-677.	5.0	10
102	Providing a Way to Create Balance Between Reliability and Delays in SDN Networks by Using the Appropriate Placement of Controllers. <i>Wireless Personal Communications</i> , 2020, 110, 1057-1071.	2.7	30
103	Specification of cloud topologies and orchestration using TOSCA: a survey. <i>Computing (Vienna/New York)</i> , 2020, 102, 1409-1417.	4.8	14
104	An improved target tracking algorithm based on spatio-temporal context under occlusions. <i>Multidimensional Systems and Signal Processing</i> , 2020, 31, 329-344.	2.6	4
105	Elucidation of big data analytics in banking: a four-stage Delphi study. <i>Journal of Enterprise Information Management</i> , 2021, 34, 1577-1596.	7.5	11
106	Unstructured Malay Text Analytics Model in Crime. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 769, 012015.	0.6	0
109	The IBM 4769 Cryptographic Coprocessor. <i>IBM Journal of Research and Development</i> , 2020, 64, 3:1-3:11.	3.1	2
110	Advanced Information Systems Engineering. <i>Lecture Notes in Business Information Processing</i> , 2020, , .	1.0	0
111	Software-driven big data analytics. <i>Computing (Vienna/New York)</i> , 2020, 102, 1409-1417.	4.8	1
113	Revisiting customer analytics capability for data-driven retailing. <i>Journal of Retailing and Consumer Services</i> , 2020, 56, 102187.	9.4	42

#	ARTICLE	IF	CITATIONS
114	Deep Learning and Implementations in Banking. <i>Annals of Data Science</i> , 2020, 7, 433-446.	3.2	17
115	A further analysis of robust regression modeling and data mining corrections testing in global stocks. <i>Annals of Operations Research</i> , 2021, 303, 175-195.	4.1	16
116	Modeling and Management Big Data in Databases—A Systematic Literature Review. <i>Sustainability</i> , 2020, 12, 634.	3.2	19
117	Investing in Global Equity Markets. <i>Wilmott Magazine</i> , 2020, 2020, 56-75.	0.1	1
118	A Comprehensive Survey on Software-Defined Network Controllers. <i>Lecture Notes in Networks and Systems</i> , 2021, , 199-231.	0.7	3
119	ReportFlow: an application for EEG visualization and reporting using cloud platform. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 7.	3.0	3
120	From Geomarketing to Spatial Marketing. , 2021, , 277-305.		3
123	Big Data Applications the Banking Sector: A Bibliometric Analysis Approach. <i>SAGE Open</i> , 2021, 11, 215824402110672.	1.7	19
124	Application and Uses of Big Data Analytics in Different Domain. <i>Lecture Notes on Data Engineering and Communications Technologies</i> , 2022, , 481-500.	0.7	4
125	Generating Attack—Defense Tree by Automatically Retrieving Domain-Specific Security Attack Patterns. <i>Algorithms for Intelligent Systems</i> , 2022, , 131-145.	0.6	0