

Gleb Radchenko

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

291
citations

10
h-index

15
g-index

50
ext. papers

392
ext. citations

1.6
avg, IF

3.75
L-index

#	Paper	IF	Citations
43	Multi-cloud Privacy-Preserving Logistic Regression. <i>Communications in Computer and Information Science</i> , 2021 , 457-471	0.3	
42	Privacy-preserving neural networks with Homomorphic encryption: Challenges and opportunities. <i>Peer-to-Peer Networking and Applications</i> , 2021 , 14, 1666-1691	3.1	10
41	LR-GD-RNS: Enhanced Privacy-Preserving Logistic Regression Algorithms for Secure Deployment in Untrusted Environments 2021 ,		1
40	Monte Carlo Approach to the Computational Capacities Analysis of the Computing Continuum. <i>Lecture Notes in Computer Science</i> , 2021 , 779-793	0.9	0
39	A Survey on Privacy-Preserving Machine Learning with Fully Homomorphic Encryption. <i>Communications in Computer and Information Science</i> , 2021 , 115-129	0.3	2
38	Refactoring the Monolith Workflow into Independent Micro-Workflows to Support Stream Processing. <i>Programming and Computer Software</i> , 2021 , 47, 591-600	0.8	
37	Digital Twins, Internet of Things and Mobile Medicine: A Review of Current Platforms to Support Smart Healthcare. <i>Programming and Computer Software</i> , 2021 , 47, 578-590	0.8	5
36	DiaMeter: a Mobile Application and Web Service for Monitoring Diabetes Mellitus 2020 ,		1
35	Towards the Fog Computing PaaS Solution 2020 ,		1
34	Scalable Data Storage Design for Nonstationary IoT Environment With Adaptive Security and Reliability. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 10171-10188	10.7	25
33	Toward digital twins workload allocation on clouds with low-cost microservices streaming interaction 2020 ,		1
32	Analytic Study of Containerizing Stateful Stream Processing as Microservice to Support Digital Twins in Fog Computing. <i>Programming and Computer Software</i> , 2020 , 46, 511-525	0.8	6
31	Multi-objective Configuration of a Secured Distributed Cloud Data Storage. <i>Communications in Computer and Information Science</i> , 2020 , 78-93	0.3	2
30	Privacy-Preserving Logistic Regression as a Cloud Service Based on Residue Number System. <i>Communications in Computer and Information Science</i> , 2020 , 598-610	0.3	2
29	Digital Twin of City: Concept Overview 2020 ,		10
28	Configurable cost-quality optimization of cloud-based VoIP. <i>Journal of Parallel and Distributed Computing</i> , 2019 , 133, 319-336	4.4	2
27	Data Reliability and Redundancy Optimization of a Secure Multi-cloud Storage Under Uncertainty of Errors and Falsifications 2019 ,		2

26	Weighted Two-Levels Secret Sharing Scheme for Multi-Clouds Data Storage with Increased Reliability 2019 ,		2
25	Stateful Stream Processing for Digital Twins: Microservice-Based Kafka Stream DSL 2019 ,		12
24	Performance evaluation of secret sharing schemes with data recovery in secured and reliable heterogeneous multi-cloud storage. <i>Cluster Computing</i> , 2019 , 22, 1173-1185	2.1	13
23	Operating cost and quality of service optimization for multi-vehicle-type timetabling for urban bus systems. <i>Journal of Parallel and Distributed Computing</i> , 2019 , 133, 272-285	4.4	10
22	Bi-objective Heterogeneous Consolidation in Cloud Computing. <i>Communications in Computer and Information Science</i> , 2018 , 384-398	0.3	
21	Experimental Analysis of Secret Sharing Schemes for Cloud Storage Based on RNS. <i>Communications in Computer and Information Science</i> , 2018 , 370-383	0.3	11
20	Adaptive encrypted cloud storage model 2018 ,		2
19	Security analysis of homomorphic encryption scheme for cloud computing: Known-plaintext attack 2018 ,		2
18	AC-RRNS: Anti-collusion secured data sharing scheme for cloud storage. <i>International Journal of Approximate Reasoning</i> , 2018 , 102, 60-73	3.6	28
17	Towards a Cloud Computing Paradigm for Big Data Analysis in Smart Cities. <i>Programming and Computer Software</i> , 2018 , 44, 181-189	0.8	30
16	Identification of Saimaa Ringed Seal Individuals Using Transfer Learning. <i>Lecture Notes in Computer Science</i> , 2018 , 211-222	0.9	6
15	Energy Consumption and Quality of Service Optimization in Containerized Cloud Computing 2018 ,		3
14	Analysis of Mobility Patterns for Public Transportation and Bus Stops Relocation. <i>Programming and Computer Software</i> , 2018 , 44, 508-525	0.8	16
13	Micro-Workflows: Kafka and Kepler Fusion to Support Digital Twins of Industrial Processes 2018 ,		8
12	Towards Mitigating Uncertainty of Data Security Breaches and Collusion in Cloud Computing 2017 ,		10
11	Towards Digital Twins Cloud Platform 2017 ,		24
10	Multiobjective Optimization of Greenhouse Gas Emissions Enhancing the Quality of Service for Urban Public Transport Timetabling 2017 ,		3
9	Unfairness Correction in P2P Grids Based on Residue Number System of a Special Form 2017 ,		10

8	RAML-Based Mock Service Generator for Microservice Applications Testing. <i>Communications in Computer and Information Science</i> , 2017 , 456-467	0.3	3
7	Developing a Parking Monitoring System based on the analysis of images from an outdoor surveillance camera 2016 ,		2
6	Implementation and Evaluation of the PO-HEFT Problem-Oriented Workflow Scheduling Algorithm for Cloud Environments. <i>Communications in Computer and Information Science</i> , 2016 , 91-105	0.3	
5	Problem-oriented scheduling of cloud applications: PO-HEFT algorithm case study 2016 ,		2
4	Energy-Aware Scheduling with Computing and Data Consolidation Balance in 3-Tier Data Center 2016 ,		1
3	Microservices validation: Mjolnirr platform case study 2015 ,		21
2	Component-based development of cloud applications 2014 ,		1
1	Mjolnirr: Private PaaS as distributed computing evolution 2014 ,		1