Samuel A Ajila

List of Publications by Year
in descending order

29 papers	460 citations	1937685 4 h-index	1720034 7 g-index
29 all docs	29 docs citations	29 times ranked	367 citing authors

#	Article	IF	Citations
1	Empirical study of the effects of open source adoption on software development economics. Journal of Systems and Software, 2007, 80, 1517-1529.	4.5	84
2	Mobile Network Traffic Prediction Using MLP, MLPWD, and SVM. , 2016, , .		64
3	Cloud Client Prediction Models for Cloud Resource Provisioning in a Multitier Web Application Environment. , 2013, , .		57
4	Towards an Autonomic Auto-scaling Prediction System for Cloud Resource Provisioning. , 2015, , .		48
5	Predicting cloud resource provisioning using machine learning techniques. , 2013, , .		42
6	Cloud Client Prediction Models Using Machine Learning Techniques. , 2013, , .		30
7	Evolution support mechanisms for software product line process. Journal of Systems and Software, 2008, 81, 1784-1801.	4.5	27
8	Experimental use of code delta, code churn, and rate of change to understand software product line evolution. Journal of Systems and Software, 2007, 80, 74-91.	4.5	24
9	Measuring Prediction Sensitivity of a Cloud Auto-scaling System. , 2014, , .		21
10	Cloud Resource Auto-scaling System Based on Hidden Markov Model (HMM). , 2014, , .		12
11	Mobile databases - Synchronization & conflict resolution strategies using SQL server. , 2011, , .		6
12	Support mechanisms for cloud configuration using XML filtering techniques: A case study in SaaS. Future Generation Computer Systems, 2019, 95, 52-67.	7.5	6
13	Using a Formal Language Constructs for Software Model Evolution. , 2009, , .		5
14	Efficient live wide area VM migration with IP address change using type II hypervisor. , 2013, , .		5
15	The Impact of Firm Size on Knowledge Reuse and Exploration during Software Product Development: an Empirical Study. , 2006, , .		4
16	Using Model Transformation Semantics for Aspect Composition. , 2010, , .		4
17	Aspectualization of code clonesâ€”an algorithmic approach. Information Systems Frontiers, 2014, 16, 835-851.	6.4	4
18	Empirical Investigation of Code and Process Metrics for Defect Prediction. , 2016, , .		4

#	Article	IF	Citations
19	Software Requirements Elicitation -- A Controlled Experiment to Measure the Impact of a Native Natural Language. , 2013, , .		2
20	Measuring the performance of aspect oriented software: A case study of Leader/Followers and Half-Sync/Half-Async architectures. Information Systems Frontiers, 2014, 16, 853-866.	6.4	2
21	Analysis of error-based machine learning algorithms in network anomaly detection and categorization. Annales Des Telecommunications/Annals of Telecommunications, 2022, 77, 359-370.	2.5	2
22	Forecasting Air Pollution using a Modified Compositional Learning Approach. , 2021, , .		2
23	Reusing and converting code clones to aspects - An algorithmic approach. , 2012, , .		1
24	Design and implementation of experimental SPB network simulator on NS-3. , 2013, , .		1
25	Evaluating Sensitivity of Auto-Scaling Decisions in an Environment with Different Workload Patterns. , 2015, , .		1
26	The Impact of Database Layer on Auto-Scaling Decisions in a 3-Tier Web Services Cloud Resource Provisioning. , 2017, , .		1
27	Hybrid Relabeled Model for Network Intrusion Detection. , 2018, , .		1
28	EFFECTS OF COMPANY SIZE AND WORKERâ€™S EXPERIENCE ON KNOWLEDGE DELIVERY FACTORS VIS-Ã€-VIS SOFTWARE DEVELOPMENT EFFICIENCY. , 2004, , .		0
29	Evaluating Deep Neural Nets and Optimized Hyperparameters Random Forest for Decision Support Systems. , 2021, , .		0