Liqiong Chen

List of Publications by Year
in descending order

33 papers	206 citations	1684188 5 h-index	1125743 13 g-index
33 all docs	33 docs citations	33 times ranked	190 citing authors

#	Article	IF	Citations
1	Software Defect Prediction via Attention-Based Recurrent Neural Network. Scientific Programming, 2019, 2019, 1-14.	0.7	52
2	A Formal Aspect-Oriented Method for Modeling and Analyzing Adaptive Resource Scheduling in Cloud Computing. IEEE Transactions on Network and Service Management, 2016, 13, 281-294.	4.9	30
3	Efficient and Reliable Cluster-Based Data Transmission for Vehicular Ad Hoc Networks. Mobile Information Systems, 2018, 2018, 1-15.	0.6	27
4	Resource Constrained Profit Optimization Method for Task Scheduling in Edge Cloud. IEEE Access, 2020, 8, 118638-118652.	4.2	24
5	Model Based Byzantine Fault Detection Technique for Cloud Computing. , 2012, , .		10
6	Local versus Global Models for Just-In-Time Software Defect Prediction. Scientific Programming, 2019, 2019, 1-13.	0.7	10
7	A Method for Modeling and Analyzing Fault-Tolerant Service Composition. , 2009, , .		8
8	Aspect Oriented Approach to Building Secure Service Composition. , 2010, , .		7
9	A Game Theoretic Method to Model and Evaluate Attack-Defense Strategy in Cloud Computing. , 2013, , .		7
10	Reliability modelling and optimization for microservice€based cloud application using multi€agent system. IET Communications, 2022, 16, 1182-1199.	2.2	4
11	A formal aspect-oriented method to model and analyse secure service composition. International Journal of Autonomous and Adaptive Communications Systems, 2015, 8, 119.	0.3	3
12	Formally Modeling and Analyzing the Reliability of Cloud Applications. International Journal of Software Engineering and Knowledge Engineering, 2016, 26, 273-305.	0.8	3
13	A Fault-Tolerant Strategy for Improving the Reliability of Service Composition. , 2010, , .		2
14	A Petri Net-Based Byzantine Fault Diagnosis Method for Service Composition. , 2012, , .		2
15	Modeling and Optimizing Resource Scheduling for Service Composition Based on Queuing Petri Nets. , 2013, , .		2
16	Formally modeling and analyzing cost€aware job scheduling for cloud data center. Software - Practice and Experience, 2018, 48, 1536-1559.	3.6	2
17	A Novel Effort Measure Method for Effort-Aware Just-in-Time Software Defect Prediction. International Journal of Software Engineering and Knowledge Engineering, 2021, 31, 1145-1169.	0.8	2
18	Rapid detection of neutralising acid adulterants in raw milk using a milk component analyser and chemometrics. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2022, 39, 1501-1511.	2.3	2

#	Article	IF	Citations
19	An Approach to Handling Failure Recovery in Service Composition and Its Analysis. , 2011, , .		1
20	An Approach to Modeling and Analyzing Security Requirements of Service Composition. , 2011, , .		1
21	A Certificate Driven Access Control Strategy for Service Composition and Its Analysis. , 2011, , .		1
22	Modeling and Analyzing Cost and Utilization Based Task Scheduling for Cloud Application. , 2016, , .		1
23	A game theoretic method to model and analyze attack–defense strategy of resource service in cloud application. Concurrency Computation Practice and Experience, 2017, 29, e4131.	2.2	1
24	Combining Constraint Solving with Different MOEAs for Configuring Large Software Product Lines: A Case Study. , 2018, , .		1
25	An Approach to Modeling and Analyzing Reliability for Microservice-Oriented Cloud Applications. Wireless Communications and Mobile Computing, 2021, 2021, 1-17.	1.2	1
26	Modelling and analysing the reliability for microservice–based cloud application based on predicate Petri net. Expert Systems, 0, , .	4.5	1
27	Reliability Modeling and Analysis of Hospital Information System Based on Microservices. , 2021, , .		1
28	Analyzing Feasibility of Requirement Driven Service Composition. , 2009, , .		0
29	Analyzing real-time schedulability of resource-oriented Distributed Real-time Embedded software. , 2010, , .		0
30	An Aspect Oriented Approach to Analyzing Fault of Service Composition. , 2010, , .		0
31	Formal Modeling and Analyzing the Reliability for Service Composition. , 2014, , .		0
32	Formally Modeling and Analyzing the Reliability of Composite Service Evolution. , 2015, , .		0
33	An Efficient Approach to Forecasting Monthly Calls for Repair from Gas Consumers. , 2018, , .		0