

Liqiong Chen

List of Publications by Year in descending order

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33
papers

206
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1684188

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docs citations

33
times ranked

190
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Reliability modelling and optimization for microservice-based cloud application using multi-agent system. IET Communications, 2022, 16, 1182-1199. | 2.2 | 4 |
| 2 | 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 |
| 3 | 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 |
| 4 | An Approach to Modeling and Analyzing Reliability for Microservice-Oriented Cloud Applications. Wireless Communications and Mobile Computing, 2021, 2021, 1-17. | 1.2 | 1 |
| 5 | Reliability Modeling and Analysis of Hospital Information System Based on Microservices. , 2021, , . | | 1 |
| 6 | Resource Constrained Profit Optimization Method for Task Scheduling in Edge Cloud. IEEE Access, 2020, 8, 118638-118652. | 4.2 | 24 |
| 7 | Local versus Global Models for Just-In-Time Software Defect Prediction. Scientific Programming, 2019, 2019, 1-13. | 0.7 | 10 |
| 8 | Software Defect Prediction via Attention-Based Recurrent Neural Network. Scientific Programming, 2019, 2019, 1-14. | 0.7 | 52 |
| 9 | An Efficient Approach to Forecasting Monthly Calls for Repair from Gas Consumers. , 2018, , . | | 0 |
| 10 | Efficient and Reliable Cluster-Based Data Transmission for Vehicular Ad Hoc Networks. Mobile Information Systems, 2018, 2018, 1-15. | 0.6 | 27 |
| 11 | Formally modeling and analyzing cost-aware job scheduling for cloud data center. Software - Practice and Experience, 2018, 48, 1536-1559. | 3.6 | 2 |
| 12 | Combining Constraint Solving with Different MOEAs for Configuring Large Software Product Lines: A Case Study. , 2018, , . | | 1 |
| 13 | 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 |
| 14 | 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 |
| 15 | Modeling and Analyzing Cost and Utilization Based Task Scheduling for Cloud Application. , 2016, , . | | 1 |
| 16 | Formally Modeling and Analyzing the Reliability of Cloud Applications. International Journal of Software Engineering and Knowledge Engineering, 2016, 26, 273-305. | 0.8 | 3 |
| 17 | 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 |
| 18 | Formally Modeling and Analyzing the Reliability of Composite Service Evolution. , 2015, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Formal Modeling and Analyzing the Reliability for Service Composition. , 2014, , . | | 0 |
| 20 | Modeling and Optimizing Resource Scheduling for Service Composition Based on Queuing Petri Nets. , 2013, , . | | 2 |
| 21 | A Game Theoretic Method to Model and Evaluate Attack-Defense Strategy in Cloud Computing. , 2013, , . | | 7 |
| 22 | Model Based Byzantine Fault Detection Technique for Cloud Computing. , 2012, , . | | 10 |
| 23 | A Petri Net-Based Byzantine Fault Diagnosis Method for Service Composition. , 2012, , . | | 2 |
| 24 | An Approach to Handling Failure Recovery in Service Composition and Its Analysis. , 2011, , . | | 1 |
| 25 | An Approach to Modeling and Analyzing Security Requirements of Service Composition. , 2011, , . | | 1 |
| 26 | A Certificate Driven Access Control Strategy for Service Composition and Its Analysis. , 2011, , . | | 1 |
| 27 | Analyzing real-time schedulability of resource-oriented Distributed Real-time Embedded software. , 2010, , . | | 0 |
| 28 | A Fault-Tolerant Strategy for Improving the Reliability of Service Composition. , 2010, , . | | 2 |
| 29 | Aspect Oriented Approach to Building Secure Service Composition. , 2010, , . | | 7 |
| 30 | An Aspect Oriented Approach to Analyzing Fault of Service Composition. , 2010, , . | | 0 |
| 31 | A Method for Modeling and Analyzing Fault-Tolerant Service Composition. , 2009, , . | | 8 |
| 32 | Analyzing Feasibility of Requirement Driven Service Composition. , 2009, , . | | 0 |
| 33 | Modelling and analysing the reliability for microservice-based cloud application based on predicate Petri net. Expert Systems, 0, , . | 4.5 | 1 |