Jung-Won Lee

List of Publications by Year
in descending order

23 papers	90 citations	1937685 4 h-index	1474206 9 g-index
24 all docs	24 docs citations	24 times ranked	87 citing authors

#	Article	IF	Citations
1	Programmable Motion-Fault Detection for a Collaborative Robot. IEEE Access, 2021, , 1-1.	4.2	5
2	Fault Detection Method Using a Convolution Neural Network for Hybrid Active Neutral-Point Clamped Inverters. IEEE Access, 2020, 8, 140632-140642.	4.2	31
3	CNN-Based Fault Localization Method Using Memory-Updated Patterns for Integration Test in an HiL Environment. Applied Sciences (Switzerland), 2019, 9, 2799.	2.5	0
4	Assessing content-based conformance between software R&D documents and design guidelines using relevance links. Soft Computing, 2018, 22, 6645-6656.	3.6	1
5	Fault Localization by Comparing Memory Updates between Unit and Integration Testing of Automotive Software in an Hardware-in-the-Loop Environment. Applied Sciences (Switzerland), 2018, 8, 2260.	2.5	2
6	An energy efficiency grading system for mobile applications based on usage patterns. Journal of Supercomputing, 2018, 74, 6502-6515.	3.6	3
7	Applying Genetic Programming with Similar Bug Fix Information to Automatic Fault Repair. Symmetry, 2018, 10, 92.	2.2	4
8	Association-Based Process Integration for Compliance with Core Standards in Development of Medical Software. Lecture Notes in Electrical Engineering, 2018, , 1220-1226.	0.4	1
9	Defect Management Method for Content-based Document Artifact Test in Software R&D Project. Lecture Notes in Electrical Engineering, 2018, , 1192-1198.	0.4	0
10	Low-power sensing model considering context transition for location-based services. Soft Computing, 2017, 21, 5223-5233.	3.6	0
11	Exclusive Contexts Resolver: A Low-Power Sensing Management System for Sustainable Context-Awareness in Exclusive Contexts. Sustainability, 2017, 9, 647.	3.2	0
12	Collecting Big Data from Automotive ECUs beyond the CAN Bandwidth for Fault Visualization. Mobile Information Systems, 2017, 2017, 1-13.	0.6	3
13	Fault Localization Method by Partitioning Memory Using Memory Map and the Stack for Automotive ECU Software Testing. Applied Sciences (Switzerland), 2016, 6, 266.	2.5	3
14	Template-Driven Medical Imaging Information Providing Process Using Semantic Relations Targeting Acute Myocardial Infarction. , 2016, , .		0
15	Improvement of Large Data Acquisition Method without the Interference on the CPU Load for Automotive Software Testing. , 2016, , .		0
16	Power Measurement Technique Considering the State Changes of GPS Using Location APIs. Lecture Notes in Electrical Engineering, 2016, , 189-195.	0.4	1
17	Teaching-Learning Activity Modeling Based on Data Analysis. Symmetry, 2015, 7, 206-219.	2.2	7
18	Analysis of Characteristics of Power Consumption for Context-Aware Mobile Applications. Information (Switzerland), 2014, 5, 612-621.	2.9	3

#	Article	IF	Citations
19	A prediction and auto-execution system of smartphone application services based on user context-awareness. Journal of Systems Architecture, 2014, 60, 702-710.	4.3	9
20	Feature extraction based on subspace methods for regression problems. Neurocomputing, 2010, 73, 1740-1751.	5.9	11
21	Service-Oriented Actuator for Ubiquitous Smart Space. , 2010, , .		1
22	A Design-Phase Quality Model of U-Service Ontology for Evaluating Dynamic Service Composition. , 2010, , .		2
23	Ontology-based process integration incorporating reference associations between medical standards from the perspective of medical software developers. Journal of Ambient Intelligence and Humanized Computing, 0, , 1.	4.9	2