Dayang N A Jawawi

List of Publications by Year
in descending order

40	324	1163117 8	940533 16
papers	citations	h-index	g-index

40	40	40	264
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trend Application of Machine Learning in Test Case Prioritization: A Review on Techniques. IEEE Access, 2021, 9, 166262-166282.	4.2	3
2	A Systematic Literature Review on Test Case Prioritization in Combinatorial Testing. , 2021, , .		3
3	Agile Software Development Using Cloud Computing: A Case Study. IEEE Access, 2020, 8, 4475-4484.	4.2	9
4	Elicitation of Nonfunctional Requirements in Agile Development Using Cloud Computing Environment. IEEE Access, 2020, 8, 209153-209162.	4.2	19
5	Ensembling Artificial Bee Colony With Analogy-Based Estimation to Improve Software Development Effort Prediction. IEEE Access, 2020, 8, 58402-58415.	4.2	21
6	Multiple Black Hole Inspired Meta-Heuristic Searching Optimization for Combinatorial Testing. IEEE Access, 2020, 8, 33406-33418.	4.2	10
7	Test Case Prioritization Using Firefly Algorithm for Software Testing. IEEE Access, 2019, 7, 132360-132373.	4.2	31
8	SIMILARITY DISTANCE MEASURE AND PRIORITIZATION ALGORITHM FOR TEST CASE PRIORITIZATION IN SOFTWARE PRODUCT LINE TESTING. Journal of Information and Communication Technology, 2019, 18, 57-75.	0.4	2
9	Introducing computer programming to secondary school students using mobile robots. , 2015, , .		10
10	MULTI ATTRIBUTE ARCHITECTURE DESIGN DECISION FOR CORE ASSET DERIVATION. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	1
11	StakeMeter: Value-Based Stakeholder Identification and Quantification Framework for Value-Based Software Systems. PLoS ONE, 2015, 10, e0121344.	2.5	14
12	Scalable Scenario Specifications to Synthesize Component-centric Behaviour Models. International Journal of Software Engineering and Its Applications, 2015, 9, 79-106.	0.2	3
13	STRATEGY FOR SCALABLE SCENARIOS MODELING AND CALCULATION IN EARLY SOFTWARE RELIABILITY ENGINEERING. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	0
14	A WEAKLY HARD SCHEDULING APPROACH OF PARTITIONED SCHEDULING ON MULTIPROCESSOR SYSTEMS. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	1
15	Development test case prioritization technique in regression testing based on hybrid criteria. , 2014, , .		2
16	Inferring approximated models for integration testing of component-based software. , 2014, , .		4
17	Towards Improvement of Analogy-Based Software Development Effort Estimation: A Review. International Journal of Software Engineering and Knowledge Engineering, 2014, 24, 1065-1089.	0.8	8
18	Multi-aspects based requirements priortization technique for value-based software developments. , 2014, , .		8

#	Article	IF	Citations
19	Requirements prioritization techniques and different aspects for prioritization a systematic literature review protocol. , 2014, , .		18
20	A Comparative Evaluation of State-of-the-Art Cloud Migration Optimization Approaches. Advances in Intelligent Systems and Computing, 2014, , 633-645.	0.6	0
21	A schedulability analysis for weakly hard real-time tasks in partitioning scheduling on multiprocessor systems. , 2014, , .		1
22	Model-driven estimation approach for system reliability using integrated tasks and resources. Software Quality Journal, 2014, 22, 661-697.	2.2	0
23	A flexible method to estimate the software development effort based on the classification of projects and localization of comparisons. Empirical Software Engineering, 2014, 19, 857-884.	3.9	45
24	Sequential strategy for software process measurement that uses Statistical Process Control. , 2014, , .		0
25	A Methodology for Model-Based Reliability Estimation. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2014, , 450-472.	0.5	0
26	A PSO-based model to increase the accuracy of software development effort estimation. Software Quality Journal, 2013, 21, 501-526.	2.2	65
27	Service based meta-model for the development of distributed embedded real-time systems. Real-Time Systems, 2013, 49, 563-579.	1.3	8
28	LMES: A localized multi-estimator model to estimate software development effort. Engineering Applications of Artificial Intelligence, 2013, 26, 2624-2640.	8.1	21
29	Web services composition with redundancy consideration. , 2013, , .		2
30	Integration Islamic Banking System Based on Service Oriented Architecture and Enterprise Service Bus. Advances in Intelligent Systems and Computing, 2013, , 131-140.	0.6	0
31	Evaluation of UML MARTE, SoaML profiles for distributed embedded real-time systems development. , 2011, , .		0
32	A code generator for Component Oriented Programming framework. , 2011, , .		0
33	An intermediate metamodel for failure-based behavior of performance and reliability. , 2011, , .		1
34	A comparative survey of aspect-oriented code generation approaches. , 2011, , .		5
35	Comparative Evaluation of Performance Assessment and Modeling Method for Software Architecture. Communications in Computer and Information Science, 2011, , 764-776.	0.5	1
36	The Specifications of the Weakly Hard Real-Time Systems: A Review. Communications in Computer and Information Science, 2011, , 274-288.	0.5	2

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37	Meta-model Validation of Integrated MARTE and Component-Based Methodology Component Model for Embedded Real-Time Software. Communications in Computer and Information Science, 2011, , 246-256.	0.5	0
38	Multiple Levels of Abstraction Modelling for Service-Oriented Distributed Embedded Real-Time Software Design. Communications in Computer and Information Science, 2011, , 517-528.	0.5	4
39	Enhancing the Rapid Object Process for Embedded System (ROPES) Metamodel to Support Pattern Oriented Development. , 2010, , .		0
40	Integration of PECOS into MARMOT for Embedded Real Time Software Component-Based Development. , 2009, , .		2