

Dayang N A Jawawi

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

324
citations

1163117

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h-index

940533

16
g-index

40
all docs

40
docs citations

40
times ranked

264
citing authors

#	ARTICLE	IF	CITATIONS
1	A PSO-based model to increase the accuracy of software development effort estimation. Software Quality Journal, 2013, 21, 501-526.	2.2	65
2	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
3	Test Case Prioritization Using Firefly Algorithm for Software Testing. IEEE Access, 2019, 7, 132360-132373.	4.2	31
4	LMES: A localized multi-estimator model to estimate software development effort. Engineering Applications of Artificial Intelligence, 2013, 26, 2624-2640.	8.1	21
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	Elicitation of Nonfunctional Requirements in Agile Development Using Cloud Computing Environment. IEEE Access, 2020, 8, 209153-209162.	4.2	19
7	Requirements prioritization techniques and different aspects for prioritization a systematic literature review protocol. , 2014, , .		18
8	StakeMeter: Value-Based Stakeholder Identification and Quantification Framework for Value-Based Software Systems. PLoS ONE, 2015, 10, e0121344.	2.5	14
9	Introducing computer programming to secondary school students using mobile robots. , 2015, , .		10
10	Multiple Black Hole Inspired Meta-Heuristic Searching Optimization for Combinatorial Testing. IEEE Access, 2020, 8, 33406-33418.	4.2	10
11	Agile Software Development Using Cloud Computing: A Case Study. IEEE Access, 2020, 8, 4475-4484.	4.2	9
12	Service based meta-model for the development of distributed embedded real-time systems. Real-Time Systems, 2013, 49, 563-579.	1.3	8
13	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
14	Multi-aspects based requirements prioritization technique for value-based software developments. , 2014, , .		8
15	A comparative survey of aspect-oriented code generation approaches. , 2011, , .		5
16	Inferring approximated models for integration testing of component-based software. , 2014, , .		4
17	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
18	Scalable Scenario Specifications to Synthesize Component-centric Behaviour Models. International Journal of Software Engineering and Its Applications, 2015, 9, 79-106.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Trend Application of Machine Learning in Test Case Prioritization: A Review on Techniques. IEEE Access, 2021, 9, 166262-166282.	4.2	3
20	A Systematic Literature Review on Test Case Prioritization in Combinatorial Testing. , 2021, , .		3
21	Integration of PECOS into MARMOT for Embedded Real Time Software Component-Based Development. , 2009, , .		2
22	The Specifications of the Weakly Hard Real-Time Systems: A Review. Communications in Computer and Information Science, 2011, , 274-288.	0.5	2
23	Web services composition with redundancy consideration. , 2013, , .		2
24	Development test case prioritization technique in regression testing based on hybrid criteria. , 2014, , .		2
25	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
26	An intermediate metamodel for failure-based behavior of performance and reliability. , 2011, , .		1
27	Comparative Evaluation of Performance Assessment and Modeling Method for Software Architecture. Communications in Computer and Information Science, 2011, , 764-776.	0.5	1
28	A schedulability analysis for weakly hard real-time tasks in partitioning scheduling on multiprocessor systems. , 2014, , .		1
29	MULTI ATTRIBUTE ARCHITECTURE DESIGN DECISION FOR CORE ASSET DERIVATION. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	1
30	A WEAKLY HARD SCHEDULING APPROACH OF PARTITIONED SCHEDULING ON MULTIPROCESSOR SYSTEMS. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	1
31	Enhancing the Rapid Object Process for Embedded System (ROPES) Metamodel to Support Pattern Oriented Development. , 2010, , .		0
32	Evaluation of UML MARTE, SoaML profiles for distributed embedded real-time systems development. , 2011, , .		0
33	A code generator for Component Oriented Programming framework. , 2011, , .		0
34	A Comparative Evaluation of State-of-the-Art Cloud Migration Optimization Approaches. Advances in Intelligent Systems and Computing, 2014, , 633-645.	0.6	0
35	Model-driven estimation approach for system reliability using integrated tasks and resources. Software Quality Journal, 2014, 22, 661-697.	2.2	0
36	Sequential strategy for software process measurement that uses Statistical Process Control. , 2014, , .		0

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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	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
39	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
40	STRATEGY FOR SCALABLE SCENARIOS MODELING AND CALCULATION IN EARLY SOFTWARE RELIABILITY ENGINEERING. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.4	0