Suma V

List of Publications by Year
in descending order

56 papers	262 citations	1936888 4 h-index	1588620 8 g-index
62 all docs	62 docs citations	62 times ranked	149 citing authors

#	Article	IF	Citations
1	SMARISA: A Raspberry Pi Based Smart Ring for Women Safety Using IoT. , 2018, , .		54
2	Gas Leakage Detection Based on IOT. , 2019, , .		35
3	Defect Detection Efficiency of the Combined Approach. Advances in Intelligent Systems and Computing, 2014, , 485-490.	0.5	22
4	CNN based Leaf Disease Identification and Remedy Recommendation System. , 2019, , .		16
5	Influence of domain and technology upon scope creep in software projects. , 2014, , .		10
6	A comparative analysis of traditional education system vs. e-Learning. , 2017, , .		10
7	A novel method for software defect prediction: Hybrid of FCM and random forest. , 2014, , .		9
8	Software Maintenance: From the Perspective of Effort and Cost Requirement. Advances in Intelligent Systems and Computing, 2017, , 759-768.	0.5	8
9	Deadlock avoidance through efficient load balancing to control disaster in cloud environment. , 2013, , .		7
10	Impact of test effort in software development life cycle for effective defect management. International Journal of Productivity and Quality Management, 2014, 13, 251.	0.1	7
11	A Study on Cloud Computing Testing Tools. Advances in Intelligent Systems and Computing, 2014, , 605-612.	0.5	5
12	Leaf Recognition and Classification Using Chebyshev Moments. Smart Innovation, Systems and Technologies, 2019, , 667-678.	0.5	5
13	An Enhanced Load Balancing Technique for Efficient Load Distribution in Cloud-Based IT Industries. Advances in Intelligent Systems and Computing, 2013, , 479-485.	0.5	4
14	Customization of quality models in software projects to enhance the business value. , 2013, , .		4
15	Software testing and its scope in CLOUD: A detailed survey. , 2017, , .		4
16	Data Preprocessing Using Intelligent Agents. Advances in Intelligent Systems and Computing, 2013, , 197-204.	0.5	4
17	SLI, a new metric to determine success of a software project. , 2014, , .		3
18	Position Paper: Defect Prediction Approaches for Software Projects Using Genetic Fuzzy Data Mining. Advances in Intelligent Systems and Computing, 2014, , 313-320.	0.5	3

#	ARTICLE	IF	CITATIONS
19	Big Data Management System for Personal Privacy Using SW and SDF. Advances in Intelligent Systems and Computing, 2016, , 757-763.	0.5	3
20	Leaf Recognition and Classification Using GLCM and Hierarchical Centroid Based Technique. , 2018, , .		3
21	Mutual Dependency of Function Points and Scope Creep towards the Success of Software Projects: An Investigation. Advances in Intelligent Systems and Computing, 2014, , 467-473.	0.5	3
22	An Efficient Approach to Enhance Data Security in Cloud Using Recursive Blowfish Algorithm. Advances in Intelligent Systems and Computing, 2014, , 575-582.	0.5	3
23	Comprehension of Defect Pattern at Code Construction Phase during Software Development Process. Advances in Intelligent Systems and Computing, 2015, , 659-666.	0.5	3
24	Quality attribute focused multilayer requirement elicitation: Judicious approach to drive business value. , 2013, , .		2
25	An analysis on the significance of ticket analytics and defect analysis from software quality perspective. , 2016, , .		2
26	Significance of Ticket Analytics in Effective Software Maintenance. , 2016, , .		2
27	Analysis of ticket severity: A case study. , 2017, , .		2
28	Risk analysis in facebook based on user anomalous behaviors. , 2017, , .		2
29	An Approach to Predict Software Project Success Based on Random Forest Classifier. Advances in Intelligent Systems and Computing, 2014, , 329-336.	0.5	2
30	Optimized Heap Sort Technique (OHS) to Enhance the Performance of the Heap Sort by Using Two-Swap Method. Advances in Intelligent Systems and Computing, 2015, , 693-700.	0.5	2
31	An analytical approach for project managers in effective defect management in software process. , 2011, , .		1
32	A Localized bottom-up approach for Indian agricultural scenario using information technology. , 2014, , .		1
33	Data mining: A tool for knowledge discovery in human aspect of software engineering. , 2015, , .		1
34	Defect dection strategies and implications: A researcher's perspective. , 2016, , .		1
35	An analysis of suitable CTD model for applications. , 2017, , .		1
36	A profiling tool for apache hive run-time query. , 2017, , .		1

#	Article	IF	Citations
37	Analysis of risk in software process models. , 2017, , .		1
38	A Digital Image Retrieval Based Technique in the Database by Using CBIR Method. , 2018, , .		1
39	A hybrid approach combining CUR matrix decomposition and weighted kernel sparse representation for plant leaf recognition. International Journal of Computers and Applications, 2021, 43, 830-840.	0.8	1
40	Multipath Load Balancing and Secure Adaptive Routing Protocol for Service Oriented WSNs. Advances in Intelligent Systems and Computing, 2017, , 595-601.	0.5	1
41	An Enhanced Strategy to Minimize the Energy Utilization in Cloud Environment to Accelerate the Performance. Advances in Intelligent Systems and Computing, 2014, , 563-573.	0.5	1
42	Pattern Analysis of Post Production Defects in Software Industry. Advances in Intelligent Systems and Computing, 2015, , 667-671.	0.5	1
43	Impact of multiple inheritance on cohesion complexity in software design. , 2016, , .		1
44	Mango Leaves Recognition Using Deep Belief Network with MFO and Multi-feature Fusion. Smart Innovation, Systems and Technologies, 2020, , 557-565.	0.5	1
45	A comparision of effectiveness of regression testing in conventional and cloud based environment. , 2016, , .		0
46	Conventional testing and combinatorial testing: A comparative analysis. , 2016, , .		0
47	Workspace management and hot-seating. , 2017, , .		0
48	Exploring the Architectural Entropy in Cloud Computing System. Advances in Intelligent Systems and Computing, 2018, , 615-630.	0.5	0
49	Effective Disaster Management to Enhance the Cloud Stability. Advances in Intelligent Systems and Computing, 2014, , 583-591.	0.5	0
50	Impact of Resources on Success of Software Project. Advances in Intelligent Systems and Computing, 2014, , 687-693.	0.5	0
51	Effective Disaster Management to Enhance the Cloud Performance. Advances in Intelligent Systems and Computing, 2015, , 153-163.	0.5	0
52	A Comparative Investigation of Sample Versus Normal Map for Effective BigData Processing. Advances in Intelligent Systems and Computing, 2016, , 749-755.	0.5	0
53	Preventive Maintenance Approach for Storage and Retrieval of Sensitive Data. Advances in Intelligent Systems and Computing, 2017, , 483-489.	0.5	0
54	Estimation of Degree of Connectivity to Predict Quality of Software Design. Advances in Intelligent Systems and Computing, 2017, , 587-593.	0.5	0

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55	Mango Leaves Recognition Using Deep Belief Network with Moth-Flame Optimization and Multi-feature Fusion. Smart Innovation, Systems and Technologies, 2020, , 23-31.	0.5	0
56	Impact of CTP2 on Software Development Process. Smart Innovation, Systems and Technologies, 2020, , 601-616.	0.5	0