

Atul Gupta

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

363
citations

1937685

4
h-index

1588992

8
g-index

34
all docs

34
docs citations

34
times ranked

293
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic literature review of use case specifications research. Information and Software Technology, 2015, 67, 128-158.	4.4	65
2	An approach for experimentally evaluating effectiveness and efficiency of coverage criteria for software testing. International Journal on Software Tools for Technology Transfer, 2008, 10, 145-160.	1.9	38
3	Selecting requirement elicitation techniques for software projects. , 2012, , .		38
4	A comparative study of feature-ranking and feature-subset selection techniques for improved fault prediction. , 2014, , .		26
5	Automatic generation of sequence diagram from use case specification. , 2014, , .		21
6	On Security Issues in Web Applications through Cross Site Scripting (XSS). , 2013, , .		18
7	A Multipurpose Code Coverage Tool for Java. , 2007, , .		17
8	Investigating object-oriented design metrics to predict fault-proneness of software modules. , 2012, , .		15
9	A set of measures designed to identify overlapped instances in software defect prediction. Computing (Vienna/New York), 2017, 99, 889-914.	4.8	15
10	Software defect prediction using Two level data pre-processing. , 2012, , .		11
11	An Approach of Generating Test Requirements for Agile Software Development. , 2015, , .		11
12	Investigating comprehension and learnability aspects of use cases for software specification problems. Information and Software Technology, 2017, 91, 22-43.	4.4	10
13	Validating the Effectiveness of Object-Oriented Metrics over Multiple Releases for Predicting Fault Proneness. , 2012, , .		9
14	Identifying domain elements from textual specifications. , 2016, , .		9
15	AnModeler: a tool for generating domain models from textual specifications. , 2016, , .		8
16	A tool supported approach to perform efficient regression testing of web services. , 2013, , .		6
17	A Controlled Experiment to Assess the Effectiveness of Eight Use Case Templates. , 2013, , .		6
18	Analysis of Use Case Requirements Using SFTA and SFMEA Techniques. , 2012, , .		5

#	ARTICLE	IF	CITATIONS
19	Method Level Text Summarization for Java Code Using Nano-Patterns. , 2017, , .		5
20	A controlled experiment to evaluate the effectiveness and the efficiency of four static program analysis tools for Java programs. , 2014, , .		5
21	Strengthening Method Contracts for Objects. , 2006, , .		4
22	Does increasing formalism in the use case template help?. , 2014, , .		4
23	Statechart-based use case requirement validation of event-driven systems. , 2012, , .		3
24	An Experimental Comparison of the Effectiveness of Control Flow Based Testing Approaches on Seeded Faults. Lecture Notes in Computer Science, 2006, , 365-378.	1.3	3
25	An Approach to Generate Actor-Oriented Activity Charts from Use Case Requirements. , 2012, , .		2
26	An approach of attribute selection for reducing false alarms. , 2012, , .		2
27	Software failure analysis in requirement phase. , 2012, , .		2
28	An Approach to Generate Safety Validation Test Cases from UML Activity Diagram. , 2013, , .		1
29	Use case specifications: How complete are they?. Journal of Software: Evolution and Process, 2020, 32, e2218.	1.6	1
30	Overlap Aware Active Learning Query Strategies for Pool Based Scenario. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2021, 38, 347-356.	3.2	1
31	An Approach for Class Testing from Class Contracts. Lecture Notes in Computer Science, 2010, , 203-217.	1.3	1
32	Generating class name in sequential manner using convolution attention neural network. Expert Systems With Applications, 2022, 199, 116854.	7.6	1
33	Investigating fault prediction capabilities of five prediction models for software quality. , 2012, , .		0
34	Active instance selection via parametric equation and instance overlap aware scheme. Applied Intelligence, 0, , 1.	5.3	0