## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2884193/publications.pdf Version: 2024-02-01

		257450	168389
113	3,556	24	53
papers	citations	h-index	g-index
122	122	122	1267
all docs	docs citations	times ranked	citing authors

W FRIC WONC

#	Article	IF	CITATIONS
1	A Survey on Software Fault Localization. IEEE Transactions on Software Engineering, 2016, 42, 707-740.	5.6	636
2	The DStar Method for Effective Software Fault Localization. IEEE Transactions on Reliability, 2014, 63, 290-308.	4.6	287
3	A family of code coverage-based heuristics for effective fault localization. Journal of Systems and Software, 2010, 83, 188-208.	4.5	178
4	Using Mutation to Automatically Suggest Fixes for Faulty Programs. , 2010, , .		163
5	Effective Fault Localization using Code Coverage. Proceedings - IEEE Computer Society's International Computer Software and Applications Conference, 2007, , .	0.0	149
6	BP NEURAL NETWORK-BASED EFFECTIVE FAULT LOCALIZATION. International Journal of Software Engineering and Knowledge Engineering, 2009, 19, 573-597.	0.8	145
7	Effective Software Fault Localization Using an RBF Neural Network. IEEE Transactions on Reliability, 2012, 61, 149-169.	4.6	142
8	Effect of test set minimization on fault detection effectiveness. Software - Practice and Experience, 1998, 28, 347-369.	3.6	125
9	Metamorphic slice: An application in spectrum-based fault localization. Information and Software Technology, 2013, 55, 866-879.	4.4	86
10	Towards Better Fault Localization: A Crosstab-Based Statistical Approach. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2012, 42, 378-396.	2.9	85
11	Be more familiar with our enemies and pave the way forward: A review of the roles bugs played in software failures. Journal of Systems and Software, 2017, 133, 68-94.	4.5	72
12	Effective program debugging based on execution slices and inter-block data dependency. Journal of Systems and Software, 2006, 79, 891-903.	4.5	66
13	Software Fault Localization Using DStar (D*). , 2012, , .		64
14	Recent Catastrophic Accidents: Investigating How Software was Responsible. , 2010, , .		54
15	TIES WITHIN FAULT LOCALIZATION RANKINGS: EXPOSING AND ADDRESSING THE PROBLEM. International Journal of Software Engineering and Knowledge Engineering, 2011, 21, 803-827.	0.8	54
16	MSeer—An Advanced Technique for Locating Multiple Bugs in Parallel. IEEE Transactions on Software Engineering, 2019, 45, 301-318.	5.6	51
17	Fault detection effectiveness of mutation and data flow testing. Software Quality Journal, 1995, 4, 69-83.	2.2	50
18	Code Coverage of Adaptive Random Testing. IEEE Transactions on Reliability, 2013, 62, 226-237.	4.6	49

#	Article	IF	CITATIONS
19	Model-based mutation testing—Approach and case studies. Science of Computer Programming, 2016, 120, 25-48.	1.9	49
20	Insights on Fault Interference for Programs with Multiple Bugs. , 2009, , .		45
21	A Grouping-Based Strategy to Improve the Effectiveness of Fault Localization Techniques. , 2010, , .		45
22	Combining mutation and fault localization for automated program debugging. Journal of Systems and Software, 2014, 90, 45-60.	4.5	44
23	Genetic Algorithm-based Test Generation for Software Product Line with the Integration of Fault Localization Techniques. Empirical Software Engineering, 2018, 23, 1-51.	3.9	41
24	Using an RBF Neural Network to Locate Program Bugs. , 2008, , .		32
25	Basic Operations for Generating Behavioral Mutants. , 2006, , .		29
26	Spectrum-Based Fault Localization: Testing Oracles are No Longer Mandatory. , 2011, , .		29
27	A bibliometric assessment of software engineering scholars and institutions (2010–2017). Journal of Systems and Software, 2019, 147, 246-261.	4.5	29
28	Applying design metrics to predict fault-proneness: a case study on a large-scale software system. Software - Practice and Experience, 2000, 30, 1587-1608.	3.6	28
29	Integrating Safety Analysis With Functional Modeling. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2011, 41, 610-624.	2.9	28
30	An assessment of systems and software engineering scholars and institutions (2003–2007 and) Tj ETQq0 0 (	) rgBT_/Ove 4.5	erlo <u>ck</u> 10 Tf 50
31	Successes, challenges, and rethinking – an industrial investigation on crowdsourced mobile application testing. Empirical Software Engineering, 2019, 24, 537-561.	3.9	26
32	Smart debugging software architectural design in SDL. Journal of Systems and Software, 2005, 76, 15-28.	4.5	25
33	Quality-Oriented Hybrid Path Planning Based on A* and Q-Learning for Unmanned Aerial Vehicle. IEEE Access, 2022, 10, 7664-7674.	4.2	25
34	Enhancing software reliability estimates using modified adaptive testing. Information and Software Technology, 2013, 55, 288-300.	4.4	23
35	Experience report: How do techniques, programs, and tests impact automated program repair?. , 2015, , .		23
36	Using Tri-Relation Networks for Effective Software Fault-Proneness Prediction. IEEE Access, 2019, 7, 63066-63080.	4.2	21

#	Article	IF	CITATIONS
37	Bridging the Gap between Fault Trees and UML State Machine Diagrams for Safety Analysis. , 2010, , .		20
38	A consensusâ€based strategy to improve the quality of fault localization. Software - Practice and Experience, 2013, 43, 989-1011.	3.6	20
39	How does combinatorial testing perform in the real world: an empirical study. Empirical Software Engineering, 2020, 25, 2661-2693.	3.9	20
40	Software Fault Localization. , 2010, , 1147-1156.		20
41	TESTING ASPECT-ORIENTED PROGRAMS WITH UML DESIGN MODELS. International Journal of Software Engineering and Knowledge Engineering, 2008, 18, 413-437.	0.8	17
42	An assessment of systems and software engineering scholars and institutions (2002–2006). Journal of Systems and Software, 2009, 82, 1370-1373.	4.5	17
43	Improve the Effectiveness of Test Case Generation on EFSM via Automatic Path Feasibility Analysis. , 2011, , .		17
44	Static and dynamic distance metrics for feature-based code analysis. Journal of Systems and Software, 2005, 74, 283-295.	4.5	16
45	Software monitoring through formal specification animation. Innovations in Systems and Software Engineering, 2009, 5, 231-241.	2.1	16
46	Teaching software testing: Experiences, lessons learned and the path forward. , 2011, , .		16
47	Effective software fault localization using predicted execution results. Software Quality Journal, 2017, 25, 131-169.	2.2	16
48	A bibliometric assessment of software engineering themes, scholars and institutions (2013–2020). Journal of Systems and Software, 2021, 180, 111029.	4.5	15
49	An assessment of systems and software engineering scholars and institutions (2001–2005). Journal of Systems and Software, 2008, 81, 1059-1062.	4.5	14
50	Source code-based software risk assessing. , 2005, , .		13
51	REACHABILITY GRAPH-BASED TEST SEQUENCE GENERATION FOR CONCURRENT PROGRAMS. International Journal of Software Engineering and Knowledge Engineering, 2008, 18, 803-822.	0.8	13
52	GUI Software Fault Localization Using N-gram Analysis. , 2011, , .		13
53	WAS: A weighted attribute-based strategy for cluster test selection. Journal of Systems and Software, 2014, 98, 44-58.	4.5	13
54	AUTOMATED TEST CODE GENERATION FROM CLASS STATE MODELS. International Journal of Software Engineering and Knowledge Engineering, 2009, 19, 599-623.	0.8	12

#	Article	IF	CITATIONS
55	Validation of SDL specifications using EFSM-based test generation. Information and Software Technology, 2009, 51, 1505-1519.	4.4	12
56	Applying Combinatorial Testing in Industrial Settings. , 2016, , .		12
57	Reliability analysis of dynamic fault trees with spare gates using conditional binary decision diagrams. Journal of Systems and Software, 2020, 170, 110766.	4.5	12
58	Towards Scalable Robustness Testing. , 2010, , .		11
59	Does Adaptive Random Testing Deliver a Higher Confidence than Random Testing?. , 2008, , .		10
60	The impacts of techniques, programs and tests on automated program repair: An empirical study. Journal of Systems and Software, 2018, 137, 480-496.	4.5	10
61	Policychain: A Decentralized Authorization Service With Script-Driven Policy on Blockchain for Internet of Things. IEEE Internet of Things Journal, 2022, 9, 5391-5409.	8.7	10
62	Improving MC/DC and Fault Detection Strength Using Combinatorial Testing. , 2017, , .		9
63	Improving Search-Based Automatic Program Repair With Neural Machine Translation. IEEE Access, 2022, 10, 51167-51175.	4.2	9
64	On the equivalence of certain fault localization techniques. , 2011, , .		8
65	On the Consensus-Based Application of Fault Localization Techniques. , 2011, , .		7
66	On the estimation of adequate test set size using fault failure rates. Journal of Systems and Software, 2011, 84, 587-602.	4.5	7
67	A Systematic Approach for Integrating Fault Trees into System Statecharts. , 2008, , .		6
68	A SEGMENT BASED APPROACH FOR THE REDUCTION OF THE NUMBER OF TEST CASES FOR PERFORMANCE EVALUATION OF COMPONENTS. International Journal of Software Engineering and Knowledge Engineering, 2009, 19, 481-505.	0.8	6
69	CT-IoT: a combinatorial testing-based path selection framework for effective IoT testing. Empirical Software Engineering, 2022, 27, 1.	3.9	6
70	Safe Software: Does It Cost More to Develop?. , 2011, , .		5
71	Analysis of software specifications based on statistics of Markov chain. , 2013, , .		5

72 Effective Test Generation for Combinatorial Decision Coverage. , 2016, , .

5

#	Article	IF	CITATIONS
73	MSeer. , 2018, , .		5
74	An Approach to Integrating SIP in Converged Multimodal/Multimedia Communication Services. Telecommunication Systems, 2005, 28, 387-405.	2.5	4
75	Application of a Statistical Methodology to Simplify Software Quality Metric Models Constructed Using Incomplete Data Samples. Proceedings International Conference on Quality Software, 2006, , .	0.0	4
76	A STATISTICAL METHODOLOGY TO SIMPLIFY SOFTWARE METRIC MODELS CONSTRUCTED USING INCOMPLETE DATA SAMPLES. International Journal of Software Engineering and Knowledge Engineering, 2007, 17, 689-707.	0.8	4
77	A Control-Theoretic Approach to QoS Adaptation in Data Stream Management Systems Design. Proceedings - IEEE Computer Society's International Computer Software and Applications Conference, 2007, , .	0.0	4
78	An improved method to simplify software metric models constructed with incomplete data samples. , 2010, , .		4
79	Validation of SDL-based architectural design models using communication-based coverage criteria. Information and Software Technology, 2012, 54, 1418-1431.	4.4	4
80	Mining Executable Specifications of Web Applications from Selenium IDE Tests. , 2012, , .		4
81	Optimizing Test Process Action Plans by Blending Testing Maturity Model and Design of Experiments. , 2008, , .		3
82	Flexible Aspect-Oriented Design Model Checking. , 2008, , .		3
83	Visualizing Multiple Program Executions to Assist Behavior Verification. , 2009, , .		3
84	Evaluating Software Safety Standards: A Systematic Review and Comparison. , 2014, , .		3
85	Improving Software Testing Education via Industry Sponsored Contests. , 2018, , .		3
86	MCDC-Star: A White-Box Based Automated Test Generation for High MC/DC Coverage. , 2018, , .		3
87	An Algebraic Binary Decision Diagram for Analysis of Dynamic Fault Tree. , 2018, , .		3
88	What Ruined Your Cake: Impacts of Code Modifications on Bug Distribution. IEEE Access, 2020, 8, 84020-84036.	4.2	3
89	Software Fault-Proneness Analysis based on Composite Developer-Module Networks. IEEE Access, 2021, 9, 155314-155334.	4.2	3
90	Simplifying Software Metric Models via Hierarchical LASSO with Incomplete Data Samples. , 2010, , .		2

91       Involving Undergraduates in Research: Motivations and Challenges , 2012,       2         92       Software engineering education via the use of corporate-sponsored projects: A panel discussion of       2         93       Software Safety Standards: Evolution and Lessons Learned., 2014,       2         94       Analysis of System Reliability for Cache Coherence Scheme in Multi processor, 2014,       2         95       Diagnosing SDN Network Problems by Using Spectrum Based Fault Localization Techniques., 2015,       2         96       Software Testing Contests: Observations and Lessons Learned. Computer, 2019, 52, 61-69.       1,1       2         97       REDESIGNNG LEGACY SYSTEMS INTO THE OBJECT OBIENTED PARADICM. International Journal of Software       0,8       1         98       Addition Combining Review and Testing for Verifying Software Systems., 2008,       1       1         99       Application Structure Computer, 2019, S2, 61-69.       1       1         91       Pathod Combining Review and Testing for Verifying Software Systems., 2008,       1       1         92       Application Software System Science, SpecificATICON AND       0,8       1         93       Addition of SDL-Based Approach for Event Synchronization Analysis In Real-Time Embedded       1       1         94       Velidation of SDL-Based Architectural Design Models: New Coverage Criteria, 20	#	Article	IF	CITATIONS
V2       the approaches, benefits, and challenges for industry-academic collaboration., 2013,       2         V3       Software Safety Standards: Evolution and Lessons Learned., 2014,       2         V4       Analysis of System Reliability for Cache Coherence Scheme in Multi-processor., 2014,       2         V5       Diagnosing SDN Network: Problems by Using Spectrum-Based Fault Localization Techniques., 2015,       2         V6       Software-Testing Contests: Observations and Lessons Learned. Computer, 2019, 52, 61-69.       1.1       2         V7       REDESIGNINC LECACY SYSTEMS INTO THE OBJECT-OBLENTED PARADICM. International Journal of Software       0.8       1         V8       A Method Combining Review and Testing for Verifying Software Systems., 2008,       1       1         V9       PROCING HERCACY DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPECIFICATION AND PROGRACH TO DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPECIFICATION AND PROGRACH TO DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPECIFICATION AND PROGRACH TO DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPECIFICATION AND PROGRACH TO DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPECIFICATION AND PROGRACH TO DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPEcificATION AND PROGRACH TO DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPECIFICATION AND PROGRACH TO DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPECIFICATION AND PROGRACH TO DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPECIFICATION AND PROGRAM STRUCTURES. International Journal of Software Engineering and Knowledge Engineering.       0.8       1         100	91	Involving Undergraduates in Research: Motivations and Challenges. , 2012, , .		2
94       Analysis of System Reliability for Cache Coherence Scheme in Multi-processor., 2014, , .       2         95       Diagnosing SDN Network Problems by Using Spectrum-Based Fault Localization Techniques., 2015,       2         96       Software-Testing Contests: Observations and Lessons Learned. Computer, 2019, 52, 61-69.       1.1       2         97       REDESIGNING LECACY SYSTEMS INTO THE OBJECT-ORIENTED PARADICM. International Journal of Software       0.8       1         98       A Method Combining Review and Testing for Verifying Software Systems., 2008, , .       1       1         99       PROCIEAAA STRUCTURES. International Journal of Software       0.8       1         90       A REVIEW APPROACH TO DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPECIFICATION AND PROCIEAAA STRUCTURES. International Journal of Software Engineering and Knowledge Engineering.       0.8       1         100       A Genetic Algorithm Based Approach for Event Synchronization Analysis in Real-Time Embedded       1       1         101       Are Fault Failure Rates Good Estimators of Adequate Test Set Size? , 2009,       1       1         102       Validation of SDL-Based Architectural Design Models: New Coverage Criteria., 2011,       1       1         103       Spectrum-Base Fault Localization by Exploiting the Failure Path , 2016,       1       1         104       Spectrum-Base Fault Localization by Exploiting the Fail	92	Software engineering education via the use of corporate-sponsored projects: A panel discussion of the approaches, benefits, and challenges for industry-academic collaboration. , 2013, , .		2
95       Diagnosing SDN Network Problems by Using Spectrum-Based Fault Localization Techniques., 2015,       2         96       Software-Testing Contests: Observations and Lessons Learned. Computer, 2019, 52, 61-69.       1.1       2         97       REDESIGNING LEGACY SYSTEMS INTO THE OBJECT-ORIENTED PARADIGM. International Journal of Software       0.8       1         98       A Method Combining Review and Testing for Verifying Software Systems., 2008,       1         99       PROCRAM STRUCTURES. International Journal of Software Systems., 2008,       1         90       PROCRAM STRUCTURES. International Journal of Software Engineering and Knowledge Engineering.       0.8       1         90       A Cenetic Algorithm Based Approach for Event Synchronization Analysis In Real-Time Embedded       1         100       A Cenetic Algorithm Based Approach for Event Synchronization Analysis In Real-Time Embedded       1         101       Are Fault Failure Rates Cood Estimators of Adequate Test Set Size?, 2009,       1         102       Validation of SDL-Based Architectural Design Models: New Coverage Criteria., 2011,       1         104       Spectrum-Base Fault Localization by Exploiting the Failure Path., 2016,       1         105       Editorial: ICCCN 2001. Software - Practice and Experience, 2003, 33, 1299-1300.       3.6       0         105       Cuest editors3€ <sup>CM</sup> Introduction to the special sect	93	Software Safety Standards: Evolution and Lessons Learned. , 2014, , .		2
96       Software-Testing Contests: Observations and Lessons Learned. Computer, 2019, 52, 61-69.       1.1       2         97       REDESIGNING LECACY SYSTEMS INTO THE OBJECT ORIENTED PARADIGM. International Journal of Software       0.8       1         98       A Method Combining Review and Testing for Verifying Software Systems., 2008, ,.       1         99       PROCEMM STRUCTURES. International Journal of Software       0.8       1         99       PROCEMM STRUCTURES. International Journal of Software Engineering and Knowledge Engineering.       0.8       1         100       A Genetic Algorithm Based Approach for Event Synchronization Analysis in Real-Time Embedded       1       1         101       Are Fault Failure Rates Good Estimators of Adequate Test Set Size?., 2009, ,.       1       1         102       Validation of SDL-Based Architectural Design Models: New Coverage Criteria., 2011, ,.       1       1         103       Lindergraduates and research: Motivations, challenges, and the path forward., 2013, ,.       1       1         104       Spectrum-Base Fault Localization by Exploiting the Failure Path., 2016, ,.       1       1         105       Editorial: ICCCN 2001. Software - Practice and Experience, 2003, 33, 1299-1300.       3.6       0         106       Supectrum-Base Fault Localization to the special section on the software engineering track of the 22nd annual ACM symposium on applied comput	94	Analysis of System Reliability for Cache Coherence Scheme in Multi-processor. , 2014, , .		2
97       REDESIGNING LEGACY SYSTEMS INTO THE OBJECT-ORIENTED PARADIGM. International Journal of Software       0.8       1         98       A Method Combining Review and Testing for Verifying Software Systems., 2008, ,.       1         98       A Method Combining Review and Testing for Verifying Software Systems., 2008, ,.       1         99       A REVIEW APPROACH TO DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPECIFICATION AND PROGRAM STRUCTURES. International Journal of Software Engineering and Knowledge Engineering, 2018       0.8       1         99       A Genetic Algorithm Based Approach for Event Synchronization Analysis in Real-Time Embedded Systems., 2009, ,.       1         100       A Genetic Algorithm Based Approach for Event Synchronization Analysis in Real-Time Embedded       1         101       Are Fault Failure Rates Good Estimators of Adequate Test Set Size?., 2009, ,.       1         102       Validation of SDL-Based Architectural Design Models: New Coverage Criteria., 2011, ,.       1         103       Undergraduates and research: Motivations, challenges, and the path forward., 2013, ,.       1         104       Spectrum-Base Fault Localization by Exploiting the Failure Path., 2016, ,.       1         105       Editorial: ICCCN 2001. Software - Practice and Experience, 2003, 33, 1299-1300.       3.6       0         106       Guest editors&CM introduction to the special section on the software engineering track of the 22nd annual ACM symposium on appli	95	Diagnosing SDN Network Problems by Using Spectrum-Based Fault Localization Techniques. , 2015, , .		2
97       Engineering and Knowledge Engineering, 2004, 14, 255-276.       0.5       1         98       A Method Combining Review and Testing for Verifying Software Systems., 2008, , .       1         99       A REVIEW APPROACH TO DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPECIFICATION AND PROCRAM STRUCTURES. International Journal of Software Engineering and Knowledge Engineering, 2008, 18, 1013-1042.       0.8       1         100       A Genetic Algorithm Based Approach for Event Synchronization Analysis in Real-Time Embedded Systems., 2009, , .       1         101       Are Fault Failure Rates Good Estimators of Adequate Test Set Size?., 2009, , .       1         102       Validation of SDL-Based Architectural Design Models: New Coverage Criteria., 2011, , .       1         103       Undergraduates and research: Motivations, challenges, and the path forward., 2013, , .       1         104       Spectrum-Base Fault Localization by Exploiting the Failure Path., 2016, , .       1         105       Editorial: ICCCN 2001. Software - Practice and Experience, 2003, 33, 1299-1300.       3.6       0         106       Guest editorséE <sup>M</sup> introduction to the special section on the software engineering track of the 22nd annual ACM symposium on applied computing (ACM SAC-SE 2007). Software Quality Journal, 2008, 16, 301-301.       2.2       0	96	Software-Testing Contests: Observations and Lessons Learned. Computer, 2019, 52, 61-69.	1.1	2
99       AREVIEW APPROACH TO DETECTING VIOLATIONS OF CONSISTENCY BETWEEN SPECIFICATION AND PROCRAM STRUCTURES. International Journal of Software Engineering and Knowledge Engineering.       0.8       1         100       A Cenetic Algorithm Based Approach for Event Synchronization Analysis in Real-Time Embedded       1         101       Are Fault Failure Rates Good Estimators of Adequate Test Set Size?., 2009,       1         102       Validation of SDL-Based Architectural Design Models: New Coverage Criteria., 2011,       1         103       Undergraduates and research: Motivations, challenges, and the path forward., 2013,       1         104       Spectrum-Base Fault Localization by Exploiting the Failure Path., 2016,       1         105       Editorial: ICCCN 2001. Software - Practice and Experience, 2003, 33, 1299-1300.       3.6       0         106       Guest editors〙 introduction to the special section on the software engineering track of the 22nd annual ACM symposium on applied computing (ACM SAC-SE 2007). Software Quality Journal, 2008, 16, 301-301.       2.2       0	97	REDESIGNING LEGACY SYSTEMS INTO THE OBJECT-ORIENTED PARADIGM. International Journal of Software Engineering, 2004, 14, 255-276.	0.8	1
99       PROCRAM STRUCTURES. International journal of Software Engineering and Knowledge Engineering.       0.8       1         100       A Cenetic Algorithm Based Approach for Event Synchronization Analysis in Real-Time Embedded       1         101       A re Fault Failure Rates Good Estimators of Adequate Test Set Size?., 2009, ,.       1         102       Validation of SDL-Based Architectural Design Models: New Coverage Criteria., 2011, ,.       1         103       Undergraduates and research: Motivations, challenges, and the path forward., 2013, ,.       1         104       Spectrum-Base Fault Localization by Exploiting the Failure Path., 2016, ,.       1         105       Editorial: ICCCN 2001. Software - Practice and Experience, 2003, 33, 1299-1300.       3.6       0         106       Guest editors' introduction to the special section on the software engineering track of the 22nd annual ACM symposium on applied computing (ACM SAC-SE 2007). Software Quality Journal, 2008, 16, 301-301.       2.2       0	98	A Method Combining Review and Testing for Verifying Software Systems. , 2008, , .		1
100       Systems., 2009, ,.       1         101       Are Fault Failure Rates Good Estimators of Adequate Test Set Size?., 2009, ,.       1         102       Validation of SDL-Based Architectural Design Models: New Coverage Criteria., 2011, ,.       1         103       Undergraduates and research: Motivations, challenges, and the path forward., 2013, ,.       1         104       Spectrum-Base Fault Localization by Exploiting the Failure Path., 2016, ,.       1         105       Editorial: ICCCN 2001. Software - Practice and Experience, 2003, 33, 1299-1300.       3.6       0         106       Guest editors' introduction to the special section on the software engineering track of the 22nd annual ACM symposium on applied computing (ACM SAC-SE 2007). Software Quality Journal, 2008, 16, 2.2       0         PRIORUITZING COVERAGE-ORIENTED TESTING PROCESS a€" AN ADAPTIVE-I FARMING-RASED APPROACH AND	99	PROGRAM STRUCTURES. International Journal of Software Engineering and Knowledge Engineering,	0.8	1
102       Validation of SDL-Based Architectural Design Models: New Coverage Criteria., 2011, , .       1         103       Undergraduates and research: Motivations, challenges, and the path forward., 2013, , .       1         104       Spectrum-Base Fault Localization by Exploiting the Failure Path., 2016, , .       1         105       Editorial: ICCCN 2001. Software - Practice and Experience, 2003, 33, 1299-1300.       3.6       0         106       Guest editors' introduction to the special section on the software engineering track of the 22nd annual ACM symposium on applied computing (ACM SAC-SE 2007). Software Quality Journal, 2008, 16, 2.2       0         PRIORITIZING COVERACE ORIENTED TESTING PROCESS à€" AN ADAPTIVEL FARNING-BASED APPROACH AND	100			1
103       Undergraduates and research: Motivations, challenges, and the path forward., 2013, ,.       1         104       Spectrum-Base Fault Localization by Exploiting the Failure Path., 2016, ,.       1         105       Editorial: ICCCN 2001. Software - Practice and Experience, 2003, 33, 1299-1300.       3.6       0         106       Guest editors' introduction to the special section on the software engineering track of the 22nd annual ACM symposium on applied computing (ACM SAC-SE 2007). Software Quality Journal, 2008, 16, 2.2       0         PRIORITIZING. COVERAGE-ORIENTED TESTING PROCESS à€" AN ADAPTIVE-I FARNING-BASED APPROACH AND	101	Are Fault Failure Rates Good Estimators of Adequate Test Set Size?. , 2009, , .		1
104       Spectrum-Base Fault Localization by Exploiting the Failure Path., 2016, ,.       1         105       Editorial: ICCCN 2001. Software - Practice and Experience, 2003, 33, 1299-1300.       3.6       0         106       Guest editors' introduction to the special section on the software engineering track of the 22nd annual ACM symposium on applied computing (ACM SAC-SE 2007). Software Quality Journal, 2008, 16, 2.2       0         PRIORITIZING COVERAGE-ORIENTED TESTING PROCESS à€" AN ADAPTIVE-LEARNING-BASED APPROACH AND	102	Validation of SDL-Based Architectural Design Models: New Coverage Criteria. , 2011, , .		1
105       Editorial: ICCCN 2001. Software - Practice and Experience, 2003, 33, 1299-1300.       3.6       0         106       Guest editors' introduction to the special section on the software engineering track of the 22nd annual ACM symposium on applied computing (ACM SAC-SE 2007). Software Quality Journal, 2008, 16, 2.2       0         PRIORITIZING COVERAGE-ORIENTED TESTING PROCESS â€" AN ADAPTIVE-I FARNING-BASED APPROACH AND	103	Undergraduates and research: Motivations, challenges, and the path forward. , 2013, , .		1
Guest editors' introduction to the special section on the software engineering track of the 22nd annual ACM symposium on applied computing (ACM SAC-SE 2007). Software Quality Journal, 2008, 16, 2.2 0 301-301. PRIORITIZING COVERAGE-ORIENTED TESTING PROCESS à€" AN ADAPTIVE-I FARNING-BASED APPROACH AND	104	Spectrum-Base Fault Localization by Exploiting the Failure Path. , 2016, , .		1
<ul> <li>annual ACM symposium on applied computing (ACM SAC-SE 2007). Software Quality Journal, 2008, 16, 2.2 0</li> <li>301-301.</li> <li>PRIORITIZING COVERAGE-ORIENTED TESTING PROCESS â€" AN ADAPTIVE-LEARNING-BASED APPROACH AND</li> </ul>	105	Editorial: ICCCN 2001. Software - Practice and Experience, 2003, 33, 1299-1300.	3.6	0
	106	annual ACM symposium on applied computing (ACM SAC-SE 2007). Software Quality Journal, 2008, 16,	2.2	0
<sup>107</sup> CASE STUDY. Series on Software Engineering and Knowledge Engineering, 2011, , 1-21.	107	PRIORITIZING COVERAGE-ORIENTED TESTING PROCESS $\hat{a} \in$ " AN ADAPTIVE-LEARNING-BASED APPROACH AND CASE STUDY. Series on Software Engineering and Knowledge Engineering, 2011, , 1-21.	0.1	0

108 Program Debugging: Research and Practice. , 2014, , .

#	Article	IF	CITATIONS
109	Message from the Chair of the Student Research Symposium. , 2015, , .		Ο
110	Safety, Security, and Reliability of Autonomous Vehicle Software. Computer, 2021, 54, 20-21.	1.1	0
111	NPI-Based Adaptive Software Rejuvenation Schedule under Random Censoring. , 2016, , .		Ο
112	TBEM: Testing-Based GPU-Memory Consumption Estimation for Deep Learning. IEEE Access, 2022, 10, 39674-39680.	4.2	0
113	A generalized ternary decision diagram for reliability analysis on fault-tolerant systems in different coverage models. Journal of Nuclear Science and Technology, 2022, 59, 1417-1435.	1.3	Ο