Yang Liu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1101219/publications.pdf

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413	12,535	147801	66911
papers	citations	31 h-index	78 g-index

424	424	424	7432
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Federated Machine Learning. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-19.	4.5	2,687
2	DeepGauge: multi-granularity testing criteria for deep learning systems. , 2018, , .		393
3	Machine Learning Testing: Survey, Landscapes and Horizons. IEEE Transactions on Software Engineering, 2022, 48, 1-36.	5.6	315
4	Dispersed cells represent a distinct stage in the transition from bacterial biofilm to planktonic lifestyles. Nature Communications, 2014, 5, 4462.	12.8	294
5	PAT: Towards Flexible Verification under Fairness. Lecture Notes in Computer Science, 2009, , 709-714.	1.3	241
6	DeepHunter: a coverage-guided fuzz testing framework for deep neural networks. , 2019, , .		232
7	Guided, stochastic model-based GUI testing of Android apps. , 2017, , .		214
8	DeepMutation: Mutation Testing of Deep Learning Systems. , 2018, , .		184
9	Combating biofilms. FEMS Immunology and Medical Microbiology, 2012, 65, 146-157.	2.7	163
10	Steelix: program-state based binary fuzzing. , 2017, , .		162
11	Skyfire: Data-Driven Seed Generation for Fuzzing. , 2017, , .		154
12	Hawkeye. , 2018, , .		139
13	Semantics-Based Online Malware Detection: Towards Efficient Real-Time Protection Against Malware. IEEE Transactions on Information Forensics and Security, 2016, 11, 289-302.	6.9	136
14	Superion: Grammar-Aware Greybox Fuzzing. , 2019, , .		125
15	From UI design image to GUI skeleton. , 2018, , .		119
16	BinGo: cross-architecture cross-OS binary search. , 2016, , .		112
17	FakeSpotter: A Simple yet Robust Baseline for Spotting AI-Synthesized Fake Faces. , 2020, , .		99
18	DeepCT: Tomographic Combinatorial Testing for Deep Learning Systems. , 2019, , .		98

#	Article	IF	Citations
19	DeepStellar: model-based quantitative analysis of stateful deep learning systems. , 2019, , .		97
20	DeepRhythm. , 2020, , .		94
21	Enantiomeric glycosylated cationic block co-beta-peptides eradicate Staphylococcus aureus biofilms and antibiotic-tolerant persisters. Nature Communications, 2019, 10, 4792.	12.8	88
22	SPAIN: Security Patch Analysis for Binaries towards Understanding the Pain and Pills. , 2017, , .		85
23	Model Checking CSP Revisited: Introducing a Process Analysis Toolkit. Communications in Computer and Information Science, 2008, , 307-322.	0.5	83
24	Wuji: Automatic Online Combat Game Testing Using Evolutionary Deep Reinforcement Learning. , 2019, , .		83
25	Abnormal traffic-indexed state estimation: A cyberâ€“physical fusion approach for Smart Grid attack detection. Future Generation Computer Systems, 2015, 49, 94-103.	7.5	77
26	Large-scale analysis of framework-specific exceptions in Android apps. , 2018, , .		75
27	A Survey of Smart Contract Formal Specification and Verification. ACM Computing Surveys, 2022, 54, 1-38.	23.0	74
28	Practical Fault Attack on Deep Neural Networks. , 2018, , .		72
29	Integrating Specification and Programs for System Modeling and Verification. , 2009, , .		68
30	Nanoparticles of Short Cationic Peptidopolysaccharide Self-Assembled by Hydrogen Bonding with Antibacterial Effect against Multidrug-Resistant Bacteria. ACS Applied Materials & Interfaces, 2017, 9, 38288-38303.	8.0	67
31	A Performance-Sensitive Malware Detection System Using Deep Learning on Mobile Devices. IEEE Transactions on Information Forensics and Security, 2021, 16, 1563-1578.	6.9	66
32	An Empirical Study Towards Characterizing Deep Learning Development and Deployment Across Different Frameworks and Platforms. , 2019, , .		65
33	Who is Real Bob? Adversarial Attacks on Speaker Recognition Systems. , 2021, , .		65
34	MemLock. , 2020, , .		65
35	StoryDroid: Automated Generation of Storyboard for Android Apps. , 2019, , .		64
36	Auditing Anti-Malware Tools by Evolving Android Malware and Dynamic Loading Technique. IEEE Transactions on Information Forensics and Security, 2017, 12, 1529-1544.	6.9	60

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37	A multi-view context-aware approach to Android malware detection and malicious code localization. Empirical Software Engineering, 2018, 23, 1222-1274.	3.9	60
38	Context-Aware, Adaptive, and Scalable Android Malware Detection Through Online Learning. IEEE Transactions on Emerging Topics in Computational Intelligence, 2017, 1, 157-175.	4.9	59
39	Auto-Exposure Fusion for Single-Image Shadow Removal. , 2021, , .		58
40	A Dynamic Secret-Based Encryption Scheme for Smart Grid Wireless Communication. IEEE Transactions on Smart Grid, 2014, 5, 1175-1182.	9.0	57
41	Typestate-guided fuzzer for discovering use-after-free vulnerabilities. , 2020, , .		57
42	Supervisor Simplification for AMS Based on Petri Nets and Inequality Analysis. IEEE Transactions on Automation Science and Engineering, 2014, 11, 66-77.	5.2	55
43	Collision and Deadlock Avoidance in Multirobot Systems: A Distributed Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1712-1726.	9.3	55
44	PAT 3: An Extensible Architecture for Building Multi-domain Model Checkers. , 2011, , .		54
45	Modeling and verifying hierarchical real-time systems using stateful timed CSP. ACM Transactions on Software Engineering and Methodology, 2013, 22, 1-29.	6.0	51
46	Collaborative Security. ACM Computing Surveys, 2015, 48, 1-42.	23.0	51
47	Degradable Carbon Dots from Cigarette Smoking with Broad-Spectrum Antimicrobial Activities against Drug-Resistant Bacteria. ACS Applied Bio Materials, 2018, 1, 1871-1879.	4.6	49
48	LEOPARD: Identifying Vulnerable Code for Vulnerability Assessment Through Program Metrics. , 2019, , .		49
49	ReCDroid: Automatically Reproducing Android Application Crashes from Bug Reports. , 2019, , .		49
50	Cerebro: context-aware adaptive fuzzing for effective vulnerability detection. , 2019, , .		48
51	Maximally Permissive Distributed Control of Large Scale Automated Manufacturing Systems Modeled With Petri Nets. IEEE Transactions on Control Systems Technology, 2015, 23, 2026-2034.	5.2	47
52	Efficiently manifesting asynchronous programming errors in Android apps. , 2018, , .		47
53	DeepMutation++: A Mutation Testing Framework for Deep Learning Systems. , 2019, , .		47
54	RpoN Regulates Virulence Factors of Pseudomonas aeruginosa via Modulating the PqsR Quorum Sensing Regulator. International Journal of Molecular Sciences, 2015, 16, 28311-28319.	4.1	44

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55	Semantic modelling of Android malware for effective malware comprehension, detection, and classification. , 2016, , .		44
56	Polynomially Complex Synthesis of Distributed Supervisors for Large-Scale AMSs Using Petri Nets. IEEE Transactions on Control Systems Technology, 2016, 24, 1610-1622.	5.2	44
57	Towards characterizing adversarial defects of deep learning software from the lens of uncertainty. , 2020, , .		44
58	DeepSonar: Towards Effective and Robust Detection of AI-Synthesized Fake Voices. , 2020, , .		44
59	Comparative Systems Biology Analysis To Study the Mode of Action of the Isothiocyanate Compound Iberin on Pseudomonas aeruginosa. Antimicrobial Agents and Chemotherapy, 2014, 58, 6648-6659.	3.2	43
60	Are mobile banking apps secure? what can be improved?. , 2018, , .		43
61	Model Checking Linearizability via Refinement. Lecture Notes in Computer Science, 2009, , 321-337.	1.3	43
62	An Empirical Study of Usages, Updates and Risks of Third-Party Libraries in Java Projects. , 2020, , .		43
63	A Fine-Grained Control Flow Integrity Approach Against Runtime Memory Attacks for Embedded Systems. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2016, 24, 3193-3207.	3.1	42
64	Mystique. , 2016, , .		42
65	Stealthy and Efficient Adversarial Attacks against Deep Reinforcement Learning. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 5883-5891.	4.9	42
66	DiffChaser: Detecting Disagreements for Deep Neural Networks. , 2019, , .		41
67	Semantic Understanding of Smart Contracts: Executable Operational Semantics of Solidity. , 2020, , .		40
68	Generating performance distributions via probabilistic symbolic execution. , 2016, , .		38
69	An empirical assessment of security risks of global Android banking apps. , 2020, , .		38
70	A survey on bad data injection attack in smart grid. , 2013, , .		37
71	Towards Robust and Effective Trust Management for Security: A Survey. , 2014, , .		36
72	Supervisor Simplification in FMSs: Comparative Studies and New Results Using Petri Nets. IEEE Transactions on Control Systems Technology, 2016, 24, 81-95.	5.2	36

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73	Feedback-Based Debugging. , 2017, , .		36
74	Mining Likely Analogical APIs Across Third-Party Libraries via Large-Scale Unsupervised API Semantics Embedding. IEEE Transactions on Software Engineering, 2021, 47, 432-447.	5.6	36
75	ATVHunter: Reliable Version Detection of Third-Party Libraries for Vulnerability Identification in Android Applications. , 2021, , .		36
76	Audee. , 2020, , .		36
77	Cats are not fish. , 2020, , .		36
78	Countering Malicious DeepFakes: Survey, Battleground, and Horizon. International Journal of Computer Vision, 2022, 130, 1678-1734.	15.6	36
79	Detecting differences across multiple instances of code clones. , 2014, , .		35
80	Exploring the Effects of Blur and Deblurring to Visual Object Tracking. IEEE Transactions on Image Processing, 2021, 30, 1812-1824.	9.8	35
81	VULTRON: Catching Vulnerable Smart Contracts Once and for All. , 2019, , .		34
82	An Automatic Approach to Model Checking UML State Machines. , 2010, , .		33
83	Generating Adversarial Examples for Holding Robustness of Source Code Processing Models. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 1169-1176.	4.9	33
84	Automated third-party library detection for Android applications. , 2020, , .		33
85	Model checking with fairness assumptions using PAT. Frontiers of Computer Science, 2014, 8, 1-16.	2.4	32
86	Proteus: computing disjunctive loop summary via path dependency analysis. , 2016, , .		32
87	Supervisor Synthesis and Performance Improvement for Automated Manufacturing Systems by Using Petri Nets. IEEE Transactions on Industrial Informatics, 2015, 11, 450-458.	11.3	31
88	ClDiff: generating concise linked code differences. , 2018, , .		31
89	A Real-Time and Fully Distributed Approach to Motion Planning for Multirobot Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2636-2650.	9.3	31
90	FakePolisher: Making DeepFakes More Detection-Evasive by Shallow Reconstruction. , 2020, , .		31

#	Article	IF	Citations
91	Determination of critical properties for binary and ternary mixtures containing propanol and alkanes using a flow view-type apparatus. Journal of Supercritical Fluids, 2016, 108, 35-44.	3.2	30
92	By the Community & For the Community. Proceedings of the ACM on Human-Computer Interaction, 2017, 1, 1-21.	3.3	30
93	Why My App Crashes? Understanding and Benchmarking Framework-Specific Exceptions of Android Apps. IEEE Transactions on Software Engineering, 2022, 48, 1115-1137.	5.6	30
94	ATOM: Commit Message Generation Based on Abstract Syntax Tree and Hybrid Ranking. IEEE Transactions on Software Engineering, 2022, 48, 1800-1817.	5.6	30
95	Patch based vulnerability matching for binary programs. , 2020, , .		30
96	An Empirical Evaluation of GDPR Compliance Violations in Android mHealth Apps. , 2020, , .		30
97	A distributed approach to robust control of multi-robot systems. Automatica, 2018, 98, 1-13.	5.0	29
98	FakeLocator: Robust Localization of GAN-Based Face Manipulations. IEEE Transactions on Information Forensics and Security, 2022, 17, 2657-2672.	6.9	29
99	IBED: Combining IBEA and DE for optimal feature selection in software product line engineering. Applied Soft Computing Journal, 2016, 49, 1215-1231.	7.2	28
100	METTLE: A METamorphic Testing Approach to Assessing and Validating Unsupervised Machine Learning Systems. IEEE Transactions on Reliability, 2020, 69, 1293-1322.	4.6	28
101	Can We Trust Your Explanations? Sanity Checks for Interpreters in Android Malware Analysis. IEEE Transactions on Information Forensics and Security, 2021, 16, 838-853.	6.9	28
102	JSDC. , 2015, , .		27
103	Large-Scale Empirical Studies on Effort-Aware Security Vulnerability Prediction Methods. IEEE Transactions on Reliability, 2020, 69, 70-87.	4.6	27
104	Controlled Growth of 3R Phase Tantalum Diselenide and Its Enhanced Superconductivity. Journal of the American Chemical Society, 2020, 142, 2948-2955.	13.7	27
105	A Formal Semantics for Complete UML State Machines with Communications. Lecture Notes in Computer Science, 2013, , 331-346.	1.3	27
106	Accurate and Scalable Cross-Architecture Cross-OS Binary Code Search with Emulation. IEEE Transactions on Software Engineering, 2019, 45, 1125-1149.	5.6	26
107	Why an Android App Is Classified as Malware. ACM Transactions on Software Engineering and Methodology, 2021, 30, 1-29.	6.0	26
108	Tell them apart: distilling technology differences from crowd-scale comparison discussions. , 2018, , .		25

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109	Repurposing the anticancer drug cisplatin with the aim of developing novel Pseudomonas aeruginosa infection control agents. Beilstein Journal of Organic Chemistry, 2018, 14, 3059-3069.	2.2	25
110	A Large-Scale Empirical Study on Industrial Fake Apps. , 2019, , .		25
111	Automatic Web Testing Using Curiosity-Driven Reinforcement Learning. , 2021, , .		25
112	SPARK: Spatial-Aware Online Incremental Attack Against Visual Tracking. Lecture Notes in Computer Science, 2020, , 202-219.	1.3	25
113	Automatically partition software into least privilege components using dynamic data dependency analysis. , 2013, , .		24
114	Free vibration analysis of rotating Timoshenko beams with multiple delaminations. Composites Part B: Engineering, 2013, 44, 733-739.	12.0	24
115	Verification of Computation Orchestration Via Timed Automata. Lecture Notes in Computer Science, 2006, , 226-245.	1.3	24
116	Specifying and Verifying Event-Based Fairness Enhanced Systems. Lecture Notes in Computer Science, 2008, , 5-24.	1.3	24
117	SEDEA: State Estimation-Based Dynamic Encryption and Authentication in Smart Grid. IEEE Access, 2017, 5, 15682-15693.	4.2	23
118	Vulnerability Assessment of Deep Reinforcement Learning Models for Power System Topology Optimization. IEEE Transactions on Smart Grid, 2021, 12, 3613-3623.	9.0	23
119	Learning to Adversarially Blur Visual Object Tracking. , 2021, , .		23
120	Robust supervisor synthesis for automated manufacturing systems using Petri nets. , 2015, , .		22
121	Detection and classification of malicious JavaScript via attack behavior modelling. , 2015, , .		22
122	How security bugs are fixed and what can be improved: an empirical study with Mozilla. Science China Information Sciences, 2019, 62, 1.	4.3	22
123	MobiDroid: A Performance-Sensitive Malware Detection System on Mobile Platform. , 2019, , .		22
124	Advanced evasion attacks and mitigations on practical MLâ€based phishing website classifiers. International Journal of Intelligent Systems, 2021, 36, 5210-5240.	5.7	22
125	Verifying Stateful Timed CSP Using Implicit Clocks and Zone Abstraction. Lecture Notes in Computer Science, 2009, , 581-600.	1.3	22
126	Verification of Functional and Non-functional Requirements of Web Service Composition. Lecture Notes in Computer Science, 2013, , 313-328.	1.3	22

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127	FakeTagger. , 2021, , .		22
128	Learning Assumptions for CompositionalVerification of Timed Systems. IEEE Transactions on Software Engineering, 2014, 40, 137-153.	5.6	21
129	S-looper: automatic summarization for multipath string loops. , 2015, , .		21
130	Optimizing selection of competing features via feedback-directed evolutionary algorithms. , 2015, , .		21
131	Towards Model Checking Android Applications. IEEE Transactions on Software Engineering, 2018, 44, 595-612.	5.6	21
132	CORE: Automating Review Recommendation for Code Changes. , 2020, , .		21
133	Developing Model Checkers Using PAT. Lecture Notes in Computer Science, 2010, , 371-377.	1.3	21
134	Model Checking Hierarchical Probabilistic Systems. Lecture Notes in Computer Science, 2010, , 388-403.	1.3	21
135	A Novel Multi-oriented Chinese Text Extraction Approach from Videos. , 2013, , .		20
136	Automatic early defects detection in use case documents. , 2014, , .		20
137	Privacyâ€preserving targeted mobile advertising: requirements, design and a prototype implementation. Software - Practice and Experience, 2016, 46, 1657-1684.	3.6	20
138	Battery-Aware Mobile Data Service. IEEE Transactions on Mobile Computing, 2017, 16, 1544-1558.	5.8	20
139	Automated Cross-Platform GUI Code Generation for Mobile Apps. , 2019, , .		20
140	GUI-Squatting Attack: Automated Generation of Android Phishing Apps. IEEE Transactions on Dependable and Secure Computing, 2019, , 1-1.	5.4	20
141	A distributed method to avoid higher-order deadlocks in multi-robot systems. Automatica, 2020, 112, 108706.	5.0	20
142	SNIFF: Reverse Engineering of Neural Networks With Fault Attacks. IEEE Transactions on Reliability, 2022, 71, 1527-1539.	4.6	20
143	Accessible or Not? An Empirical Investigation of Android App Accessibility. IEEE Transactions on Software Engineering, 2022, 48, 3954-3968.	5.6	20
144	Verifying Linearizability via Optimized Refinement Checking. IEEE Transactions on Software Engineering, 2013, 39, 1018-1039.	5.6	19

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145	Optimizing selection of competing services with probabilistic hierarchical refinement. , 2016, , .		19
146	Towards a Model Checker for NesC and Wireless Sensor Networks. Lecture Notes in Computer Science, 2011, , 372-387.	1.3	19
147	Automated runtime recovery for QoS-based service composition. , 2014, , .		18
148	Determination of the Critical Properties of C6â€“C10 n-Alkanes and Their Binary Systems Using a Flow Apparatus. Journal of Chemical & Engineering Data, 2014, 59, 3852-3857.	1.9	18
149	Securing Android App Markets via Modeling and Predicting Malware Spread Between Markets. IEEE Transactions on Information Forensics and Security, 2019, 14, 1944-1959.	6.9	18
150	An empirical study on ARM disassembly tools. , 2020, , .		18
151	NPC: <u>N</u> euron <u>P</u> ath <u>C</u> overage via Characterizing Decision Logic of Deep Neural Networks. ACM Transactions on Software Engineering and Methodology, 2022, 31, 1-27.	6.0	18
152	An analyzer for extended compositional process algebras. , 2008, , .		17
153	Formal modeling and validation of Stateflow diagrams. International Journal on Software Tools for Technology Transfer, 2012, 14, 653-671.	1.9	17
154	TzuYu: Learning stateful typestates. , 2013, , .		17
155	GPU Accelerated On-the-Fly Reachability Checking. , 2015, , .		17
156	Whatâ€™s Spainâ€™s Paris? Mining analogical libraries from Q&A discussions. Empirical Software Engineering, 2019, 24, 1155-1194.	3.9	17
157	Amora: Black-box Adversarial Morphing Attack. , 2020, , .		17
158	ROPSentry: Runtime defense against ROP attacks using hardware performance counters. Computers and Security, 2018, 73, 374-388.	6.0	16
159	Apk2vec: Semi-Supervised Multi-view Representation Learning for Profiling Android Applications. , 2018, , .		16
160	Text Backdoor Detection Using an Interpretable RNN Abstract Model. IEEE Transactions on Information Forensics and Security, 2021, 16, 4117-4132.	6.9	16
161	CoreGen: Contextualized Code Representation Learning for Commit Message Generation. Neurocomputing, 2021, 459, 97-107.	5.9	16
162	An Evolutionary Study of IoT Malware. IEEE Internet of Things Journal, 2021, 8, 15422-15440.	8.7	16

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163	VeriWS: a tool for verification of combined functional and non-functional requirements of web service composition. , 2014, , .		15
164	A speculative parallel simulated annealing algorithm based on Apache Spark. Concurrency Computation Practice and Experience, 2018, 30, e4429.	2.2	15
165	Speedoo. , 2018, , .		15
166	AVA: Adversarial Vignetting Attack against Visual Recognition. , 2021, , .		15
167	An Efficient Algorithm for Learning Event-Recording Automata. Lecture Notes in Computer Science, 2011, , 463-472.	1.3	15
168	Distributed supervisor synthesis for automated manufacturing systems using Petri nets. , 2014, , .		14
169	Determination of critical properties for binary and ternary mixtures of short chain alcohols and alkanes using a flow apparatus. Journal of Supercritical Fluids, 2015, 104, 19-28.	3.2	14
170	Mining implicit design templates for actionable code reuse. , 2017, , .		14
171	No-Jump-into-Basic-Block. , 2017, , .		14
172	Automatic Loop Summarization via Path Dependency Analysis. IEEE Transactions on Software Engineering, 2019, 45, 537-557.	5.6	14
173	Formal Analysis of Composable DeFi Protocols. Lecture Notes in Computer Science, 2021, , 149-161.	1.3	14
174	Stealing Deep Reinforcement Learning Models for Fun and Profit. , 2021, , .		14
175	Oracle-Supported Dynamic Exploit Generation for Smart Contracts. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 1795-1809.	5.4	14
176	Vulnerability Analysis, Robustness Verification, and Mitigation Strategy for Machine Learning-Based Power System Stability Assessment Model Under Adversarial Examples. IEEE Transactions on Smart Grid, 2022, 13, 1622-1632.	9.0	14
177	Towards Formal Modeling and Verification of Cloud Architectures: A Case Study on Hadoop. , 2013, , .		13
178	Scalable Multi-core Model Checking Fairness Enhanced Systems. Lecture Notes in Computer Science, 2009, , 426-445.	1.3	13
179	Generating Behavior-Diverse Game AIs with Evolutionary Multi-Objective Deep Reinforcement Learning. , 2020, , .		13
180	Byzantine-Resilient Decentralized Stochastic Gradient Descent. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4096-4106.	8.3	13

#	Article	IF	Citations
181	A Petri net-based distributed control of automated manufacturing systems with assembly operations. , 2015, , .		12
182	FiB: Squeezing loop invariants by interpolation between forward/backward predicate transformers. , 2017, , .		12
183	Locating vulnerabilities in binaries via memory layout recovering. , 2019, , .		12
184	CANeleon: Protecting CAN Bus With Frame ID Chameleon. IEEE Transactions on Vehicular Technology, 2020, 69, 7116-7130.	6.3	12
185	Improved BDD-Based Discrete Analysis of Timed Systems. Lecture Notes in Computer Science, 2012, , 326-340.	1.3	12
186	Are Timed Automata Bad for a Specification Language? Language Inclusion Checking for Timed Automata. Lecture Notes in Computer Science, 2014, , 310-325.	1.3	12
187	Route Coverage Testing for Autonomous Vehicles via Map Modeling. , 2021, , .		12
188	Enriching query semantics for code search with reinforcement learning. Neural Networks, 2022, 145, 22-32.	5.9	12
189	Privacy-preserving Collaborative Learning with Automatic Transformation Search. , 2021, , .		12
190	ModX. , 2022, , .		12
191	WindRanger. , 2022, , .		12
192	Efficient greybox fuzzing of applications in Linux-based IoT devices via enhanced user-mode emulation. , 2022, , .		12
193	Model-Based Methods for Linking Web Service Choreography and Orchestration. , 2010, , .		11
194	Dynamic synthesis of local time requirement for service composition. , 2013, , .		11
195	Complexity of the Soundness Problem of Workflow Nets. Fundamenta Informaticae, 2014, 131, 81-101.	0.4	11
196	Formal Specification and Analysis of Partitioning Operating Systems by Integrating Ontology and Refinement. IEEE Transactions on Industrial Informatics, 2016, 12, 1321-1331.	11.3	11
197	DroidEcho: an in-depth dissection of malicious behaviors in Android applications. Cybersecurity, 2018, 1, .	4.7	11
198	How Can We Craft Large-Scale Android Malware? An Automated Poisoning Attack. , 2019, , .		11

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199	Refinement-Based Specification and Security Analysis of Separation Kernels. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 127-141.	5.4	11
200	Research on Third-Party Libraries in Android Apps: A Taxonomy and Systematic Literature Review. IEEE Transactions on Software Engineering, 2022, 48, 4181-4213.	5.6	11
201	BBB-CFI. Transactions on Embedded Computing Systems, 2020, 19, 1-22.	2.9	11
202	Collision Avoidance Testing for Autonomous Driving Systems on Complete Maps. , 2021, , .		11
203	AS2T: Arbitrary Source-To-Target Adversarial Attack on Speaker Recognition Systems. IEEE Transactions on Dependable and Secure Computing, 2024, , 1-17.	5.4	11
204	Interpolation Guided Compositional Verification (T). , 2015, , .		10
205	Prediction of critical temperature and critical pressure of multi-component mixtures. Fluid Phase Equilibria, 2017, 441, 2-8.	2.5	10
206	Diamonds Are a Girlâ€™s Best Friend: Partial Order Reduction for Timed Automata with Abstractions. Lecture Notes in Computer Science, 2014, , 391-406.	1.3	10
207	Complexity of the Soundness Problem of Bounded Workflow Nets. Lecture Notes in Computer Science, 2012, , 92-107.	1.3	10
208	More Anti-chain Based Refinement Checking. Lecture Notes in Computer Science, 2012, , 364-380.	1.3	10
209	On Robustness of Trust Systems. IFIP Advances in Information and Communication Technology, 2014, , 44-60.	0.7	10
210	Secure Deep Learning Engineering: A Road Towards Quality Assurance of Intelligent Systems. Lecture Notes in Computer Science, 2019, , 3-15.	1.3	10
211	Marble. , 2020, , .		10
212	SoFi: Reflection-Augmented Fuzzing for JavaScript Engines. , 2021, , .		10
213	SeqMobile: An Efficient Sequence-Based Malware Detection System Using RNN on Mobile Devices. , 2020, , .		10
214	Systematic Testing of Autonomous Driving Systems Using Map Topology-Based Scenario Classification. , 2021, , .		10
215	Model Checking Software Architecture Design. , 2012, , .		9
216	Text detection in natural scene with edge analysis. , 2013, , .		9

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217	TLV: abstraction through testing, learning, and validation. , 2015, , .		9
218	Measurement of the Critical Properties of the Ternary Systems Hexane + Heptane + Octane and Octane + Nonane + Decane Using a Flow Apparatus. Journal of Chemical & Engineering Data, 2016, 61, 12-18.	1.9	9
219	Detecting Bugs of Concurrent Programs With Program Invariants. IEEE Transactions on Reliability, 2017, 66, 425-439.	4.6	9
220	A Formal Specification and Verification Framework for Timed Security Protocols. IEEE Transactions on Software Engineering, 2018, 44, 725-746.	5.6	9
221	Securing android applications via edge assistant third-party library detection. Computers and Security, 2019, 80, 257-272.	6.0	9
222	A Countermeasure Against Statistical Ineffective Fault Analysis. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3322-3326.	3.0	9
223	Explaining Regressions via Alignment Slicing and Mending. IEEE Transactions on Software Engineering, 2021, 47, 2421-2437.	5.6	9
224	GPU Accelerated Counterexample Generation in LTL Model Checking. Lecture Notes in Computer Science, 2014, , 413-429.	1.3	9
225	An Investigation of Byzantine Threats in Multi-Robot Systems. , 2021, , .		9
226	Security Evaluation of Deep Neural Network Resistance Against Laser Fault Injection. , 2020, , .		9
227	Analyzing multi-agent systems with probabilistic model checking approach. , 2012, , .		8
228	Model checking approach to automated planning. Formal Methods in System Design, 2014, 44, 176-202.	0.8	8
229	Event-based formalization of safety-critical operating system standards: An experience report on ARINC 653 using Event-B. , 2015, , .		8
230	CSimpl: A Rely-Guarantee-Based Framework for Verifying Concurrent Programs. Lecture Notes in Computer Science, 2017, , 481-498.	1.3	8
231	A speculative parallel decompression algorithm on Apache Spark. Journal of Supercomputing, 2017, 73, 4082-4111.	3.6	8
232	SGXlinger: A New Side-Channel Attack Vector Based on Interrupt Latency Against Enclave Execution. , 2018, , .		8
233	FOT: a versatile, configurable, extensible fuzzing framework. , 2018, , .		8
234	Coverage-Guided Fuzzing for Feedforward Neural Networks. , 2019, , .		8

#	Article	IF	Citations
235	Privacy-Aware UAV Flights through Self-Configuring Motion Planning. , 2020, , .		8
236	On Evaluating Fault Resilient Encoding Schemes in Software. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 1065-1079.	5.4	8
237	Physical security of deep learning on edge devices: Comprehensive evaluation of fault injection attack vectors. Microelectronics Reliability, 2021, 120, 114116.	1.7	8
238	Fine-tuning Is Not Enough: A Simple yet Effective Watermark Removal Attack for DNN Models. , 2021, , .		8
239	An Executable Formalisation of the SPARCv8 Instruction Set Architecture: A Case Study for the LEON3 Processor. Lecture Notes in Computer Science, 2016, , 388-405.	1.3	8
240	PRTS: An Approach for Model Checking Probabilistic Real-Time Hierarchical Systems. Lecture Notes in Computer Science, 2011, , 147-162.	1.3	8
241	Reasoning About Information Flow Security of Separation Kernels with Channel-Based Communication. Lecture Notes in Computer Science, 2016, , 791-810.	1.3	8
242	Clonepedia: Summarizing Code Clones by Common Syntactic Context for Software Maintenance. , 2014, , .		7
243	Towards verification of computation orchestration. Formal Aspects of Computing, 2014, 26, 729-759.	1.8	7
244	Coupled bending-torsion vibration of a homogeneous beam with a single delamination subjected to axial loads and static end moments. Acta Mechanica Sinica/Lixue Xuebao, 2014, 30, 607-614.	3.4	7
245	A Systematic Study on Explicit-State Non-Zenoness Checking for Timed Automata. IEEE Transactions on Software Engineering, 2015, 41, 3-18.	5.6	7
246	Formalizing and verifying stochastic system architectures using Monterey Phoenix. Software and Systems Modeling, 2016, 15, 453-471.	2.7	7
247	Experimental determination of critical data of multi-component mixtures containing potential gasoline additives 2-butanol by a flow-type apparatus. Journal of Chemical Thermodynamics, 2016, 101, 35-43.	2.0	7
248	Loopster: static loop termination analysis. , 2017, , .		7
249	A UTP semantics for communicating processes with shared variables and its formal encoding in PVS. Formal Aspects of Computing, 2018, 30, 351-380.	1.8	7
250	A Permission-Dependent Type System for Secure Information Flow Analysis. , 2018, , .		7
251	Minimization of Cable-Net Reflector Shape Error by Machine Learning. Journal of Spacecraft and Rockets, 2019, 56, 1757-1764.	1.9	7
252	A Quantitative Analysis Framework for Recurrent Neural Network. , 2019, , .		7

#	Article	IF	Citations
253	Continuous Multiagent Control Using Collective Behavior Entropy for Large-Scale Home Energy Management. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 922-929.	4.9	7
254	Topology-Aware Differential Privacy for Decentralized Image Classification. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4016-4027.	8.3	7
255	Probabilistic Model Checking Multi-agent Behaviors in Dispersion Games Using Counter Abstraction. Lecture Notes in Computer Science, 2012, , 16-30.	1.3	7
256	A UTP Semantics for Communicating Processes with Shared Variables. Lecture Notes in Computer Science, 2013, , 215-230.	1.3	7
257	ADS-Lead: Lifelong Anomaly Detection in Autonomous Driving Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 1039-1051.	8.0	7
258	Characterizing usages, updates and risks of third-party libraries in Java projects. Empirical Software Engineering, 2022, 27, .	3.9	7
259	Bounded Model Checking of Compositional Processes. , 2008, , .		6
260	Graphical Analysis of Process Changes for Water Minimization. Industrial & Engineering Chemistry Research, 2009, 48, 7145-7151.	3.7	6
261	Verification of Population Ring Protocols in PAT. , 2009, , .		6
262	Combining model checking and testing with an application to reliability prediction and distribution. , 2013, , .		6
263	Parameter synthesis for hierarchical concurrent real-time systems. Real-Time Systems, 2014, 50, 620-679.	1.3	6
264	Counterexample Generation in Stochastic Model Checking Based on PSO Algorithm with Heuristic. International Journal of Software Engineering and Knowledge Engineering, 2016, 26, 1117-1143.	0.8	6
265	Online malware defense using attack behavior model. , 2016, , .		6
266	Vanguard. , 2018, , .		6
267	DangDone. , 2018, , .		6
268	Pasadena: Perceptually Aware and Stealthy Adversarial Denoise Attack. IEEE Transactions on Multimedia, 2022, 24, 3807-3822.	7.2	6
269	Formal Verification of Operational Transformation. Lecture Notes in Computer Science, 2014, , 432-448.	1.3	6
270	Automatic Compositional Verification of Timed Systems. Lecture Notes in Computer Science, 2012, , 272-276.	1.3	6

#	Article	IF	Citations
271	Verifying a Quantitative Relaxation of Linearizability via Refinement. Lecture Notes in Computer Science, 2013, , 24-42.	1.3	6
272	SADT. , 2020, , .		6
273	Reconfigurable Dynamic Trusted Platform Module for Control Flow Checking. , 2014, , .		5
274	Free Vibration of Exponential Functionally Graded Beams with Single Delamination. Procedia Engineering, 2014, 75, 164-168.	1.2	5
275	A robust control approach to automated manufacturing systems allowing failures and reworks with Petri nets. , 2017, , .		5
276	Layered Object-Oriented Programming: Advanced VTable Reuse Attacks on Binary-Level Defense. IEEE Transactions on Information Forensics and Security, 2019, 14, 693-708.	6.9	5
277	Modal Analysis for a Rod-Fastened Rotor considering Contact Effect Based on Double Fractal Model. Shock and Vibration, 2019, 2019, 1-10.	0.6	5
278	Localized or Architectural: An Empirical Study of Performance Issues Dichotomy. , 2019, , .		5
279	Trace-Length Independent Runtime Monitoring of Quantitative Policies. IEEE Transactions on Dependable and Secure Computing, 2019, , 1-1.	5.4	5
280	An Isabelle/HOL Formalisation of the SPARC Instruction Set Architecture and the TSO Memory Model. Journal of Automated Reasoning, 2021, 65, 569-598.	1.4	5
281	Selecting Correct Methods to Extract Fuzzy Rules from Artificial Neural Network. Mathematics, 2021, 9, 1164.	2.2	5
282	Breaking Neural Reasoning Architectures With Metamorphic Relation-Based Adversarial Examples. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6976-6982.	11.3	5
283	Practical Analysis Framework for Software-Based Attestation Scheme. Lecture Notes in Computer Science, 2014, , 284-299.	1.3	5
284	Automatic Generation of Provably Correct Embedded Systems. Lecture Notes in Computer Science, 2012, , 214-229.	1.3	5
285	ProMoca: Probabilistic Modeling and Analysis of Agents in Commitment Protocols. Journal of Artificial Intelligence Research, 0, 57, 465-508.	7.0	5
286	Controllable growth of two-dimensional materials on noble metal substrates. IScience, 2021, 24, 103432.	4.1	5
287	Commensurate Stacking Phase Transitions in an Intercalated Transition Metal Dichalcogenide. Advanced Materials, 2022, 34, e2108550.	21.0	5
288	Analyzing hierarchical complex real-time systems. , 2010, , .		4

#	Article	IF	Citations
289	Model Checking a Lazy Concurrent List-Based Set Algorithm. , 2010, , .		4
290	A model checking framework for hierarchical systems. , 2011, , .		4
291	USMMC: a self-contained model checker for UML state machines. , 2013, , .		4
292	Analysis of the Stiffness of Hirth Couplings in Rod-Fastened Rotors Based on Experimental Modal Parameter Identification. , 2014, , .		4
293	Symbolic Analysis of an Electric Vehicle Charging Protocol. , 2014, , .		4
294	Supervisor design and simplification for Automated Manufacturing Systems using colored Petri nets. , 2015, , .		4
295	Improved EGT-Based Robustness Analysis of Negotiation Strategies in Multiagent Systems via Model Checking. IEEE Transactions on Human-Machine Systems, 2016, 46, 197-208.	3.5	4
296	Robust control of automated manufacturing systems with complex structures using Petri Nets. , 2017, , .		4
297	Learning Performance Optimization from Code Changes for Android Apps. , 2019, , .		4
298	Architecture-Based Behavioral Adaptation with Generated Alternatives and Relaxed Constraints. IEEE Transactions on Services Computing, 2019, 12, 73-87.	4.6	4
299	Information Theoretical Analysis of Unfair Rating Attacks Under Subjectivity. IEEE Transactions on Information Forensics and Security, 2020, 15, 816-828.	6.9	4
300	VIVA: Binary Level Vulnerability Identification via Partial Signature. , 2021, , .		4
301	Verifying Parameterized Timed Security Protocols. Lecture Notes in Computer Science, 2015, , 342-359.	1.3	4
302	Model Checking a Model Checker: A Code Contract Combined Approach. Lecture Notes in Computer Science, 2010, , 518-533.	1.3	4
303	An Analytical and Experimental Comparison of CSP Extensions and Tools. Lecture Notes in Computer Science, 2012, , 381-397.	1.3	4
304	Improved Reachability Analysis in DTMC via Divide and Conquer. Lecture Notes in Computer Science, 2013, , 162-176.	1.3	4
305	vTRUST: A Formal Modeling and Verification Framework for Virtualization Systems. Lecture Notes in Computer Science, 2013, , 329-346.	1.3	4
306	Fully Automated Differential Fault Analysis on Software Implementations of Block Ciphers. Iacr Transactions on Cryptographic Hardware and Embedded Systems, 0, , 1-29.	0.0	4

#	Article	IF	Citations
307	Symbolic Model-Checking of Stateful Timed CSP Using BDD and Digitization. Lecture Notes in Computer Science, 2012, , 398-413.	1.3	4
308	Improving Model Checking Stateful Timed CSP with non-Zenoness through Clock-Symmetry Reduction. Lecture Notes in Computer Science, 2013, , 182-198.	1.3	4
309	Vall-nut: Principled Anti-Grey box - Fuzzing. , 2021, , .		4
310	Verification of Orchestration Systems Using Compositional Partial Order Reduction. Lecture Notes in Computer Science, 2011, , 98-114.	1.3	3
311	Build your own model checker in one month. , 2013, , .		3
312	Analytical Solution of the Vibration of Delaminated Bimaterial Beams Fully or Partially Supported by Elastic Foundation. Applied Mechanics and Materials, 0, 394, 75-79.	0.2	3
313	Maximally permissive distributed control of large scale automated manufacturing systems modeled with Petri nets. , 2013, , .		3
314	Formal Analysis of MAC in IEEE 802.11p with Probabilistic Model Checking. , 2015, , .		3
315	Study on irradiation repair of graphene with a crack. International Journal of Computational Materials Science and Engineering, 2016, 05, 1650011.	0.7	3
316	Compositional Reasoning for Shared-Variable Concurrent Programs. Lecture Notes in Computer Science, 2018, , 523-541.	1.3	3
317	Safe Inputs Approximation for Black-Box Systems. , 2019, , .		3
318	A PSO-Based CEGAR Framework for Stochastic Model Checking. International Journal of Software Engineering and Knowledge Engineering, 2019, 29, 1465-1495.	0.8	3
319	Guardauto: A Decentralized Runtime Protection System for Autonomous Driving. IEEE Transactions on Computers, 2020, , 1-1.	3.4	3
320	A Systematic Assessment on Android Third-Party Library Detection Tools. IEEE Transactions on Software Engineering, 2022, 48, 4249-4273.	5.6	3
321	A Parametric Rely-Guarantee Reasoning Framework for Concurrent Reactive Systems. Lecture Notes in Computer Science, 2019, , 161-178.	1.3	3
322	State Space Reduction for Sensor Networks Using Two-Level Partial Order Reduction. Lecture Notes in Computer Science, 2013, , 515-535.	1.3	3
323	AdvFilter: Predictive Perturbation-aware Filtering against Adversarial Attack via Multi-domain Learning. , 2021, , .		3
324	Fair and accurate age prediction using distribution aware data curation and augmentation. , 2022, , .		3

#	Article	IF	Citations
325	FirmGuide: Boosting the Capability of Rehosting Embedded Linux Kernels through Model-Guided Kernel Execution. , 2021, , .		3
326	Compositional encoding for bounded model checking. Frontiers of Computer Science, 2008, 2, 368-379.	0.6	2
327	Towards bug-free implementation for wireless sensor networks. , 2011, , .		2
328	Using Monterey Phoenix to Formalize and Verify System Architectures. , 2012, , .		2
329	Planning as Model Checking Tasks. , 2012, , .		2
330	Constraint-based automatic symmetry detection. , 2013, , .		2
331	A comparative approach to supervisor simplification in automated manufacturing systems using Petri nets. , 2014, , .		2
332	An Adaptive Markov Strategy for Effective Network Intrusion Detection. , 2015, , .		2
333	Supervisors and their simplification in automated manufacturing systems via Petri nets. , 2015, , .		2
334	Prospective memory aid: A reminding model based on Fuzzy Cognitive Maps. , 2016, , .		2
335	Verifying a quantitative relaxation of linearizability via refinement. International Journal on Software Tools for Technology Transfer, 2016, 18, 393-407.	1.9	2
336	AdSelector: A Privacy-Preserving Advertisement Selection Mechanism for Mobile Devices. Computer Journal, 2017, 60, 1251-1270.	2.4	2
337	Proof Tactics for Assertions in Separation Logic. Lecture Notes in Computer Science, 2017, , 285-303.	1.3	2
338	Anti-chain based algorithms for timed/probabilistic refinement checking. Science China Information Sciences, 2018, 61, 1.	4.3	2
339	The Necessity of <scp>d</scp>-Thr in the New Antibiotic Teixobactin: A Molecular Dynamics Study. Journal of Chemical Information and Modeling, 2019, 59, 1575-1583.	5.4	2
340	Butterfly Space: An Architectural Approach for Investigating Performance Issues. , 2020, , .		2
341	DesignDiff: Continuously Modeling Software Design Difference from Code Revisions. , 2020, , .		2
342	PeCAn: Compositional Verification of Petri Nets Made Easy. Lecture Notes in Computer Science, 2014, , 242-247.	1.3	2

#	Article	IF	Citations
343	Privacy-Preserving Targeted Mobile Advertising: Formal Models and Analysis. Lecture Notes in Computer Science, 2016, , 94-110.	1.3	2
344	On Combining State Space Reductions with Global Fairness Assumptions. Lecture Notes in Computer Science, 2011, , 432-447.	1.3	2
345	Differencing Labeled Transition Systems. Lecture Notes in Computer Science, 2011, , 537-552.	1.3	2
346	PSyHCoS: Parameter Synthesis for Hierarchical Concurrent Real-Time Systems. Lecture Notes in Computer Science, 2013, , 984-989.	1.3	2
347	How are Deep Learning Models Similar?. , 2020, , .		2
348	How Does the Device Change Your Choice: A Goal-Activation Perspective. Lecture Notes in Computer Science, 2016, , 446-456.	1.3	2
349	A Performance-Sensitive Malware Detection System on Mobile Platform. Lecture Notes in Computer Science, 2019, , 493-497.	1.3	2
350	A Unified Anomaly Detection Methodology for Lane-Following of Autonomous Driving Systems. , 2021, , .		2
351	Hybrid process model and smart policy network of electric-vehicle resources for instantaneous power flow imbalances. Applied Energy, 2022, 314, 118531.	10.1	2
352	Criticality-Guided Deep Reinforcement Learning for Motion Planning. , 2021, , .		2
353	Peeking into the Gray Area of Mobile World: An Empirical Study of Unlabeled Android Apps. , 2021, , .		2
354	BIFF: Practical Binary Fuzzing Framework for Programs of IoT and Mobile Devices. , 2021, , .		2
355	L <scp>i</scp> D <scp>etector</scp> : License Incompatibility Detection for Open Source Software. ACM Transactions on Software Engineering and Methodology, 0, , .	6.0	2
356	Towards characterizing bug fixes through dependency-level changes in Apache Java open source projects. Science China Information Sciences, 2022, 65, .	4.3	2
357	Modeling and Analyzing Timed Security Protocols Using Extended Timed CSP. , 2010, , .		1
358	Discovering Anomalies in Semantic Web Rules. , 2010, , .		1
359	Parameter Synthesis for Hierarchical Concurrent Real-Time Systems. , 2012, , .		1
360	Supervisor synthesis and performance improvement for automated manufacturing systems by using Petri nets. , 2013, , .		1

#	Article	IF	Citations
361	Event Analytics. Lecture Notes in Computer Science, 2014, , 17-24.	1.3	1
362	Free Vibration of Delaminated Beams with an Edge Crack. Procedia Engineering, 2014, 75, 78-82.	1.2	1
363	Contact Status Analysis of Rod-Fastened Rotors With Hirth Coupling in Gas Turbines. , 2015, , .		1
364	Event and strategy analytics. , 2015, , .		1
365	Robust control of automated manufacturing systems with assembly operations using petri nets. , 2016, , .		1
366	A distributed approach to automated manufacturing systems with complex structures using Petri nets. , 2017, , .		1
367	Static and dynamic partitions of inequalities and their application in supervisor simplification. , 2017, , .		1
368	Evaluation of frequency regulation provision by commercial building HVAC systems. , 2017, , .		1
369	A Multi-Goal Oriented Approach for Adaptation Rules Generation. , 2018, , .		1
370	Optimization of replica exchange temperature ladder under the well-tempered ensemble. Chemical Physics Letters, 2018, 711, 66-72.	2.6	1
371	Detecting missing checks for identifying insufficient attack protections. , 2018, , .		1
372	Automatic Detection and Repair Recommendation for Missing Checks. Journal of Computer Science and Technology, 2019, 34, 972-992.	1.5	1
373	A Formally Verified Buddy Memory Allocation Model. , 2019, , .		1
374	Automated synthesis of local time requirement for service composition. Software and Systems Modeling, 2020, 19, 983-1013.	2.7	1
375	A permission-dependent type system for secure information flow analysis. Journal of Computer Security, 2021, 29, 161-228.	0.8	1
376	TTM/PAT: Specifying and Verifying Timed Transition Models. Communications in Computer and Information Science, 2014, , 107-124.	0.5	1
377	Towards a Combination of CafeOBJ and PAT. Lecture Notes in Computer Science, 2014, , 151-170.	1.3	1
378	Automatic Verification for Later-Correspondence of Security Protocols. Lecture Notes in Computer Science, 2015, , 111-126.	1.3	1

#	Article	IF	Citations
379	A Language for Trust Modelling. Lecture Notes in Computer Science, 2016, , 1-12.	1.3	1
380	Realâ€time pricing response attack in smart grid. IET Generation, Transmission and Distribution, 2022, 16, 2441-2454.	2.5	1
381	Automatic HMI Structure Exploration Via Curiosity-Based Reinforcement Learning. , 2021, , .		1
382	SafeOSL: Ensuring memory safety of C via ownershipâ€based intermediate language. Software - Practice and Experience, 2022, 52, 1114-1142.	3.6	1
383	ConcSpectre: Be Aware of Forthcoming Malware Hidden in Concurrent Programs. IEEE Transactions on Reliability, 2022, 71, 1174-1188.	4.6	1
384	Algorithmic Design Using Object-Z for Twig XML Queries Evaluation. Electronic Notes in Theoretical Computer Science, 2006, 151, 107-124.	0.9	0
385	SpecDiff. , 2010, , .		0
386	Message from ESSS 2013 Workshop Co-chairs. , 2013, , .		0
387	Security risks evaluation toolbox for smart grid devices. Computer Communication Review, 2013, 43, 479-480.	1.8	0
388	Multi-core Model Checking Algorithms for LTL Verification with Fairness Assumptions. , 2013, , .		0
389	Extension of Load Follow Operation of PWRs Without Boron Adjustment. , 2013, , .		0
390	RaPiD: a toolkit for reliability analysis of non-deterministic systems. , 2014, , .		0
391	Practice and Evaluation of Pagelet-Based Client-Side Rendering Mechanism. IEICE Transactions on Information and Systems, 2014, E97.D, 2067-2083.	0.7	0
392	Simplifying supervisory controllers of automated manufacturing systems via Petri net modeling and multiset analysis. , 2014, , .		0
393	Automated Agent Behavior Construction for Protocol-Based Multiagent Systems. , 2015, , .		0
394	Formalizing and verifying stochastic system architectures using Monterey Phoenix (SoSyM abstract). , 2015, , .		0
395	Reliability assessment for distributed systems via communication abstraction and refinement. , 2015, , .		0
396	Critical stages and their application in large scale automated manufacturing systems via Petri nets. , 2016, , .		0

#	Article	IF	Citations
397	Critical stages and their identification in large scale automated manufacturing systems via Petri nets. , 2016, , .		0
398	Prospective memory aid reminder system design for group tasks. , 2016, , .		0
399	Detecting Bugs of Concurrent Programs with Program Invariants. , 2016, , .		0
400	Concurrent On-the-Fly SCC Detection for Automata-Based Model Checking with Fairness Assumption. , 2016, , .		0
401	Decentralized supervisory control of Generalized Mutual Exclusion Constraints in Petri Nets. , 2017, , .		0
402	Inductance of Different Profiles of Through Glass Vias based on magnetic flux density. , 2018, , .		0
403	Erratum to â€œAccurate and Scalable Cross-Architecture Cross-OS Binary Code Search With Emulationâ€• IEEE Transactions on Software Engineering, 2021, 47, 1088-1088.	5.6	0
404	Towards Formal Modelling and Verification of Pervasive Computing Systems. Lecture Notes in Computer Science, 2014, , 62-91.	1.3	0
405	Scaling BDD-based Timed Verification with Simulation Reduction. Lecture Notes in Computer Science, 2016, , 363-382.	1.3	0
406	Service Adaptation with Probabilistic Partial Models. Lecture Notes in Computer Science, 2016, , 122-140.	1.3	0
407	A Verification Framework for Stateful Security Protocols. Lecture Notes in Computer Science, 2017, , 262-280.	1.3	0
408	On the Trade-Off Between Privacy and Utility in Mobile Services: A Qualitative Study. Lecture Notes in Computer Science, 2020, , 261-278.	1.3	0
409	Online adaptation for autonomous unmanned systems driven by requirements satisfaction model. Software and Systems Modeling, 0, , 1.	2.7	0
410	A three-valued model abstraction framework for PCTL* stochastic model checking. Automated Software Engineering, 2022, 29, 1.	2.9	0
411	A First Look at the Effect of Deep Learning in Coverage-guided Fuzzing. , 2021, , .		0
412	A Comprehensive Study on ARM Disassembly Tools. IEEE Transactions on Software Engineering, 2023, 49, 1683-1703.	5.6	0
413	Retracted on March 14, 2023 : Cross-lingual transfer learning for statistical type inference. , 2022, , .		0