Jens Krinke

List of Publications by Year
in descending order

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81 papers	2,549 citations	567281 15 h-index	454955 30 g-index
83 all docs	83 docs citations	83 times ranked	1073 citing authors

#	Article	IF	Citations
1	Sentinel: A Hyper-Heuristic for the Generation of Mutant Reduction Strategies. IEEE Transactions on Software Engineering, 2022, 48, 803-818.	5.6	9
2	Ethics in the mining of software repositories. Empirical Software Engineering, 2022, 27, 1.	3.9	12
3	TCTracer: Establishing test-to-code traceability links using dynamic and static techniques. Empirical Software Engineering, 2022, 27, 1.	3.9	2
4	Toxic Code Snippets on Stack Overflow. IEEE Transactions on Software Engineering, 2021, 47, 560-581.	5.6	46
5	The Impact of Code Review on Architectural Changes. IEEE Transactions on Software Engineering, 2021, 47, 1041-1059.	5.6	13
6	Code Similarity in Clone Detection. , 2021, , 135-150.		2
7	Artefact Relation Graphs for Unit Test Reuse Recommendation. , 2021, , .		4
8	Evaluating lexical approximation of program dependence. Journal of Systems and Software, 2020, 160, 110459.	4.5	3
9	Establishing multilevel test-to-code traceability links. , 2020, , .		17
10	Behind the Intents. , 2020, , .		33
11	Ethical Mining. , 2020, , .		7
12	Does code review really remove coding convention violations?. , 2020, , .		8
13	Python Coding Style Compliance on Stack Overflow. , 2019, , .		16
14	A comparison of tree- and line-oriented observational slicing. Empirical Software Engineering, 2019, 24, 3077-3113.	3.9	13
15	Siamese: scalable and incremental code clone search via multiple code representations. Empirical Software Engineering, 2019, 24, 2236-2284.	3.9	38
16	Special issue on mutation testing and analysis. Software Testing Verification and Reliability, 2019, 29, e1697.	2.0	1
17	AVPredictor: Comprehensive prediction and detection of atomicity violations. Concurrency Computation Practice and Experience, 2019, 31, e5160.	2.2	6
18	A picture is worth a thousand words: Code clone detection based on image similarity. , 2018, , .		20

#	Article	IF	Citations
19	A comparison of code similarity analysers. Empirical Software Engineering, 2018, 23, 2464-2519.	3.9	84
20	TestNMT: function-to-test neural machine translation. , 2018, , .		4
21	CROP. , 2018, , .		25
22	MOBS. , 2018, , .		1
23	Who's this?. , 2018, , .		3
24	Memory mutation testing. Information and Software Technology, 2017, 81, 97-111.	4.4	19
25	Using compilation/decompilation to enhance clone detection. , 2017, , .		28
26	Are developers aware of the architectural impact of their changes?. , 2017, , .		20
27	Tree-Oriented vs. Line-Oriented Observation-Based Slicing. , 2017, , .		10
28	Generalized observational slicing for tree-represented modelling languages. , 2017, , .		14
29	â€œNo Good Reason to Remove Featuresâ€. Lecture Notes in Computer Science, 2017, , 25-44.	1.3	2
30	Similarity of Source Code in the Presence of Pervasive Modifications. , 2016, , .		23
31	An empirical study on dependence clusters for effort-aware fault-proneness prediction. , 2016, , .		23
32	HOMI: Searching Higher Order Mutants forÂSoftware Improvement. Lecture Notes in Computer Science, 2016, , 18-33.	1.3	8
33	Searching for Configurations in Clone Evaluation â€" A Replication Study. Lecture Notes in Computer Science, 2016, , 250-256.	1.3	2
34	ORBS and the limits of static slicing. , 2015, , .		25
35	Mutation testing of memory-related operators. , 2015, , .		8
36	Deep Parameter Optimisation. , 2015, , .		74

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37	Genetic Improvement using Higher Order Mutation. , 2015, , .		8
38	Exact scalable sensitivity analysis for the next release problem. ACM Transactions on Software Engineering and Methodology, 2014, 23, 1-31.	6.0	29
39	ORBS: language-independent program slicing. , 2014, , .		57
40	Coherent clusters in source code. Journal of Systems and Software, 2014, 88, 1-24.	4.5	10
41	Pidgin Crasher: Searching for Minimised Crashing GUI Event Sequences. Lecture Notes in Computer Science, 2014, , 253-258.	1.3	3
42	Searching for better configurations: a rigorous approach to clone evaluation. , 2013, , .		109
43	Efficient Identification of Linchpin Vertices in Dependence Clusters. ACM Transactions on Programming Languages and Systems, 2013, 35, 1-35.	2.1	2
44	State-based model slicing. ACM Computing Surveys, 2013, 45, 1-36.	23.0	33
45	Comparative stability of cloned and non-cloned code. , 2012, , .		51
46	Is cloned code older than non-cloned code?. , 2011, , .		46
47	An Empirical Study of the Impacts of Clones in Software Maintenance. , 2011, , .		25
48	Dependence cluster visualization. , 2010, , .		7
49	Coherent dependence clusters. , 2010, , .		6
50	Issues in clone classification for dataflow languages. , 2010, , .		13
51	Distinguishing copies from originals in software clones. , 2010, , .		12
52	Cloning and copying between GNOME projects. , 2010, , .		31
53	Dependence clusters in source code. ACM Transactions on Programming Languages and Systems, 2009, 32, 1-33.	2.1	39
54	Search based data sensitivity analysis applied to requirement engineering. , 2009, , .		33

#	Article	IF	Citations
55	Mining execution relations for crosscutting concerns. IET Software, 2008, 2, 65.	2.1	2
56	Is Cloned Code More Stable than Non-cloned Code?. , 2008, , .		103
57	Pitfalls in Aspect Mining. , 2008, , .		17
58	Empirical study of optimization techniques for massive slicing. ACM Transactions on Programming Languages and Systems, 2007, 30, 3.	2.1	29
59	A Study of Consistent and Inconsistent Changes to Code Clones. Reverse Engineering (WCRE), Working Conference on, 2007, , .	0.0	117
60	Comparison and Evaluation of Clone Detection Tools. IEEE Transactions on Software Engineering, 2007, 33, 577-591.	5.6	567
61	Statement-Level Cohesion Metrics and their Visualization. , 2007, , .		5
62	EzUnit: A Framework for Associating Failed Unit Tests with Potential Programming Errors. , 2007, , 101-104.		31
63	Characterising, Explaining, and Exploiting the Approximate Nature of Static Analysis through Animation. , 2006, , .		4
64	Mining Control Flow Graphs for Crosscutting Concerns. , 2006, , .		16
65	Efficient path conditions in dependence graphs for software safety analysis. ACM Transactions on Software Engineering and Methodology, 2006, 15, 410-457.	6.0	113
66	Effects of context on program slicing. Journal of Systems and Software, 2006, 79, 1249-1260.	4.5	21
67	Intransitive Noninterference in Dependence Graphs. , 2006, , .		16
68	Dynamic path conditions in dependence graphs. , 2006, , .		16
69	PROGRAM SLICING. , 2005, , 307-332.		4
70	Software Engineering Projects in Distant Teaching. , 2005, , .		18
71	Slicing, Chopping, and Path Conditions with Barriers. Software Quality Journal, 2004, 12, 339-360.	2.2	27
72	Context-sensitive slicing of concurrent programs. , 2003, , .		46

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73	Software-SicherheitsprÃ¼fung mit VALSOFT. Computer Science - Research and Development, 1999, 14, 62-73.	0.9	0
74	Validation of measurement software as an application of slicing and constraint solving. Information and Software Technology, 1998, 40, 661-675.	4.4	29
75	Static slicing of threaded programs. ACM SIGPLAN Notices, 1998, 33, 35-42.	0.2	35
76	Static slicing of threaded programs. , 1998, , .		84
77	Unions of slices are not slices. , 0, , .		12
78	Visualization of program dependence and slices. , 0, , .		20
79	Aspect mining using event traces. , 0, , .		53
80	Advanced slicing of sequential and concurrent programs. , 0, , .		18
81	Context-sensitivity matters, but context does not. , 0, , .		9