Richard Torkar

List of Publications by Year
in descending order

28 papers	**1,524** citations	623734 **14** h-index	713466 **21** g-index
28 all docs	**28** docs citations	**28** times ranked	**1168** citing authors

#	Article	IF	Citations
1	Software fault prediction metrics: A systematic literature review. Information and Software Technology, 2013, 55, 1397-1418.	4.4	407
2	A systematic review of search-based testing for non-functional system properties. Information and Software Technology, 2009, 51, 957-976.	4.4	334
3	Pandemic programming. Empirical Software Engineering, 2020, 25, 4927-4961.	3.9	144
4	Links between the personalities, views and attitudes of software engineers. Information and Software Technology, 2010, 52, 611-624.	4.4	119
5	Software test process improvement approaches: A systematic literature review and an industrial case study. Journal of Systems and Software, 2016, 111, 1-33.	4.5	67
6	Group development and group maturity when building agile teams: A qualitative and quantitative investigation at eight large companies. Journal of Systems and Software, 2017, 124, 104-119.	4.5	66
7	Towards individualized software engineering. , 2008, , .		58
8	The prospects of a quantitative measurement of agility: A validation study on an agile maturity model. Journal of Systems and Software, 2015, 107, 38-49.	4.5	50
9	Take a deep breath: Benefits of neuroplasticity practices for software developers and computer workers in a family of experiments. Empirical Software Engineering, 2022, 27, 1.	3.9	38
10	Evolution of statistical analysis in empirical software engineering research: Current state and steps forward. Journal of Systems and Software, 2019, 156, 246-267.	4.5	36
11	An experiment on the effectiveness and efficiency of exploratory testing. Empirical Software Engineering, 2015, 20, 844-878.	3.9	33
12	Bayesian Data Analysis in Empirical Software Engineering Research. IEEE Transactions on Software Engineering, 2019, , 1-1.	5.6	31
13	On Using Grey Literature and Google Scholar in Systematic Literature Reviews in Software Engineering. IEEE Access, 2020, 8, 36226-36243.	4.2	27
14	An initial industrial evaluation of interactive search-based testing for embedded software. Applied Soft Computing Journal, 2015, 29, 26-39.	7.2	19
15	Transferring interactive search-based software testing to industry. Journal of Systems and Software, 2018, 142, 156-170.	4.5	14
16	Tester interactivity makes a difference in search-based software testing: A controlled experiment. Information and Software Technology, 2016, 78, 66-82.	4.4	12
17	Estimating Return on Investment for GUI Test Automation Frameworks. , 2019, , .		12
18	Early detection of sepsis using artificial intelligence: a scoping review protocol. Systematic Reviews, 2021, 10, 28.	5.3	11

#	ARTICLE	IF	CITATIONS
19	A Method to Assess and Argue for Practical Significance in Software Engineering. IEEE Transactions on Software Engineering, 2022, 48, 2053-2065.	5.6	9
20	Applying Bayesian Analysis Guidelines to Empirical Software Engineering Data: The Case of Programming Languages and Code Quality. ACM Transactions on Software Engineering and Methodology, 2022, 31, 1-38.	6.0	9
21	Objective Re-weighting to Guide an Interactive Search Based Software Testing System. , 2013, , .		6
22	Practitioner-Oriented Visualization in an Interactive Search-Based Software Test Creation Tool. , 2013, , .		4
23	Searching for models to evaluate software technology. , 2013, , .		4
24	Prediction of faults-slip-through in large software projects: an empirical evaluation. Software Quality Journal, 2014, 22, 51-86.	2.2	4
25	Measuring affective states from technical debt. Empirical Software Engineering, 2021, 26, 1.	3.9	3
26	An empirical study of Linespots: A novel pastâ€fault algorithm. Software Testing Verification and Reliability, 2021, 31, e1787.	2.0	3
27	Bayesian Data Analysis in Empirical Software Engineering: The Case of Missing Data. , 2020, , 289-324.		3
28	Prediction of Undetected Faults in Safety-Critical Software. , 2019, , .		1