

# Joost Visser

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7256478/publications.pdf>

Version: 2024-02-01

80  
papers

1,753  
citations

759233

12  
h-index

642732

23  
g-index

82  
all docs

82  
docs citations

82  
times ranked

948  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Practical Model for Measuring Maintainability. , 2007, , .		156
2	Deriving metric thresholds from benchmark data. , 2010, , .		148
3	Standardized code quality benchmarking for improving software maintainability. Software Quality Journal, 2012, 20, 287-307.	2.2	100
4	An empirical model of technical debt and interest. , 2011, , .		96
5	Semantic Versioning versus Breaking Changes: A Study of the Maven Repository. , 2014, , .		92
6	Test Code Quality and Its Relation to Issue Handling Performance. IEEE Transactions on Software Engineering, 2014, 40, 1100-1125.	5.6	84
7	Measuring software library stability through historical version analysis. , 2012, , .		81
8	Semantic versioning and impact of breaking changes in the Maven repository. Journal of Systems and Software, 2017, 129, 140-158.	4.5	58
9	Visitor combination and traversal control. , 2001, , .		51
10	Getting what you measure. Communications of the ACM, 2012, 55, 54-59.	4.5	51
11	Measuring Dependency Freshness in Software Systems. , 2015, , .		50
12	From spreadsheets to relational databases and back. , 2009, , .		46
13	Tracking known security vulnerabilities in proprietary software systems. , 2015, , .		45
14	The Maven repository dataset of metrics, changes, and dependencies. , 2013, , .		43
15	Quantifying the Analyzability of Software Architectures. , 2011, , .		38
16	Benchmark-Based Aggregation of Metrics to Ratings. , 2011, , .		30
17	A Standard Driven Software Architecture for Fully Autonomous Vehicles. , 2018, , .		26
18	How good is your puppet? An empirically defined and validated quality model for puppet. , 2018, , .		26

#	ARTICLE	IF	CITATIONS
19	Faster issue resolution with higher technical quality of software. <i>Software Quality Journal</i> , 2012, 20, 265-285.	2.2	24
20	Typed Combinators for Generic Traversal. <i>Lecture Notes in Computer Science</i> , 2002, , 137-154.	1.3	23
21	Discovery-based edit assistance for spreadsheets. , 2009, , .		20
22	Type-Safe Two-Level Data Transformation. <i>Lecture Notes in Computer Science</i> , 2006, , 284-299.	1.3	20
23	Coupled Transformation of Schemas, Documents, Queries, and Constraints. <i>Electronic Notes in Theoretical Computer Science</i> , 2008, 200, 3-23.	0.9	19
24	A survey-based study of the mapping of system properties to ISO/IEC 9126 maintainability characteristics. , 2009, , .		18
25	Seflab: A lab for measuring software energy footprints. , 2013, , .		18
26	Visitor combination and traversal control. <i>ACM SIGPLAN Notices</i> , 2001, 36, 270-282.	0.2	17
27	Strongly Typed Rewriting For Coupled Software Transformation. <i>Electronic Notes in Theoretical Computer Science</i> , 2007, 174, 17-34.	0.9	17
28	Evaluating usefulness of software metrics: An industrial experience report. , 2013, , .		17
29	A Strafunski Application Letter. <i>Lecture Notes in Computer Science</i> , 2003, , 357-375.	1.3	17
30	Benchmarking Technical Quality of Software Products. , 2008, , .		16
31	Quality Assessment for Embedded SQL. , 2007, , .		15
32	Dependency profiles for software architecture evaluations. , 2011, , .		15
33	Object-oriented Tree Traversal with JForester. <i>Electronic Notes in Theoretical Computer Science</i> , 2001, 44, 34-58.	0.9	14
34	Interpretation of Source Code Clusters in Terms of the ISO/IEC-9126 Maintainability Characteristics. <i>Software Maintenance and Reengineering (CSMR), Proceedings of the European Conference on</i> , 2008, , .	0.0	13
35	What is the value of your software?. , 2012, , .		12
36	A Practical Model for Rating Software Security. , 2013, , .		12

#	ARTICLE	IF	CITATIONS
37	Model-based programming environments for spreadsheets. Science of Computer Programming, 2014, 96, 254-275.	1.9	12
38	An Empirical Study into Social Success Factors for Agile Software Development. , 2015, , .		12
39	Type-Safe Evolution of Spreadsheets. Lecture Notes in Computer Science, 2011, , 186-201.	1.3	12
40	Profiling energy profilers. , 2015, , .		11
41	A Case Study in Grammar Engineering. Lecture Notes in Computer Science, 2009, , 285-304.	1.3	11
42	Towards a catalog format for software metrics. , 2014, , .		10
43	Transformation of structure-shy programs. , 2007, , .		10
44	XT. Electronic Notes in Theoretical Computer Science, 2001, 44, 79-86.	0.9	9
45	Assessment of issue handling efficiency. , 2010, , .		9
46	Practices for Engineering Trustworthy Machine Learning Applications. , 2021, , .		9
47	Grammars as Contracts. Lecture Notes in Computer Science, 2001, , 85-99.	1.3	9
48	Measuring and Monitoring Agile Development Status. , 2015, , .		8
49	Object-oriented tree traversal with JJForester. Science of Computer Programming, 2003, 47, 59-87.	1.9	7
50	Source model analysis using the JJTraveler visitor combinator framework. Software - Practice and Experience, 2004, 34, 1345-1379.	3.6	7
51	The use of UML class diagrams and its effect on code change-proneness. , 2012, , .		7
52	Criteria for the evaluation of implemented architectures. , 2009, , .		6
53	Static Estimation of Test Coverage. , 2009, , .		5
54	Transformation of structure-shy programs with application to XPath queries and strategic functions. Science of Computer Programming, 2011, 76, 516-539.	1.9	5

#	ARTICLE	IF	CITATIONS
55	Quantifying the Encapsulation of Implemented Software Architectures. , 2014, , .		5
56	Towards a Benchmark for the Maintainability Evolution of Industrial Software Systems. , 2016, , .		5
57	Streaming software analytics. , 2016, , .		5
58	Tactical Safety Reasoning. A Case for Autonomous Vehicles.. , 2018, , .		5
59	Matching Objects Without Language Extension.. Journal of Object Technology, 2006, 5, 81.	0.9	5
60	A Security Analysis of the ETSI ITS Vehicular Communications. Lecture Notes in Computer Science, 2018, , 365-373.	1.3	5
61	Energy Efficiency Optimization of Application Software. Advances in Computers, 2013, 88, 199-241.	1.6	4
62	Detecting Cross-Language Dependencies Generically. , 2013, , .		4
63	A Cognitive Model for Software Architecture Complexity. , 2010, , .		3
64	Constraint-aware Schema Transformation. Electronic Notes in Theoretical Computer Science, 2012, 290, 3-18.	0.9	3
65	Measuring the Degree of Service Orientation in Proprietary SOA Systems. , 2013, , .		3
66	Towards high performance software teamwork. , 2013, , .		3
67	Model-Based Programming Environments for Spreadsheets. Lecture Notes in Computer Science, 2012, , 117-133.	1.3	3
68	Getting What You Measure. Queue, 2012, 10, 50-56.	1.1	2
69	Testing principles, current practices, and effects of change localization. , 2013, , .		2
70	Energy-efficiency indicators for e-services. , 2013, , .		2
71	Classification model for predicting cost slippage in governmental ICT projects. , 2015, , .		2
72	A Checklist for Explainable AI in the Insurance Domain. Communications in Computer and Information Science, 2021, , 446-456.	0.5	2

#	ARTICLE	IF	CITATIONS
73	Automatic Event Detection for Software Product Quality Monitoring. , 2012, , .		1
74	Software risk management in practice: Shed light on your software product. , 2015, , .		1
75	Detection of Seed Methods for Quantification of Feature Confinement. Lecture Notes in Computer Science, 2012, , 252-268.	1.3	1
76	A type-level approach to component prototyping. , 2007, , .		0
77	Industrial Realities of Program Comprehension (IRPC 2008). , 2008, , .		0
78	3rd International Workshop on Software Quality and Maintainability. , 2009, , .		0
79	Issue handling performance in proprietary software projects. , 2012, , .		0
80	Software metrics: Pitfalls and best practices. , 2013, , .		0