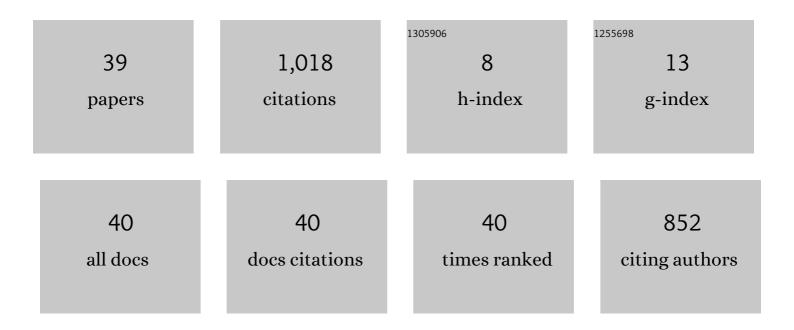
Matthias Tichy

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6734422/publications.pdf Version: 2024-02-01



Μλττμιλς Τις μν

#	Article	IF	CITATIONS
1	A domain-specific language for modeling and analyzing solution spaces for technology roadmapping. Journal of Systems and Software, 2022, 184, 111094.	3.3	5
2	Challenges concerning test case specifications in automotive software testing: assessment of frequency and criticality. Software Quality Journal, 2021, 29, 39-100.	1.4	14
3	Dedicated Model Transformation Languages vs. General-purpose Languages: A Historical Perspective on ATL vs. Java. , 2021, , .		3
4	Towards Control Flow Analysis of Declarative Graph Transformations with Symbolic Execution. , 2021, , .		0
5	A Domain-Specific Language and Interactive User Interface for Model-Driven Engineering of Technology Roadmaps. , 2020, , .		0
6	A Hybrid Editor for Fast Robot Mission Prototyping. , 2019, , .		1
7	Insights for Improving Diagram Editing Gained from an Empirical Study. , 2019, , .		4
8	A Proposal of Features to Support Analysis and Debugging of Declarative Model Transformations with Graphical Syntax by Embedded Visualizations. , 2019, , .		2
9	A Tailored Domain Analysis Method for the Development of System-Specific Testing DSLs Enabling Their Smooth Introduction in Automotive Practice. , 2019, , .		0
10	Use, potential, and showstoppers of models in automotive requirements engineering. Software and Systems Modeling, 2019, 18, 2587-2607.	2.2	15
11	Assessing the impact of meta-model evolution: a measure and its automotive application. Software and Systems Modeling, 2019, 18, 1419-1445.	2.2	20
12	Model-based engineering in the embedded systems domain: an industrial survey on the state-of-practice. Software and Systems Modeling, 2018, 17, 91-113.	2.2	90
13	Organisation and communication problems in automotive requirements engineering. Requirements Engineering, 2018, 23, 145-167.	2.1	33
14	The Business Experiments Navigator (BEN). , 2018, , .		0
15	Challenges Concerning Test Case Specifications in Automotive Software Testing. , 2018, , .		3
16	Retro-λ. , 2018, , .		6
17	An investigation of technical debt in automatic production systems. , 2017, , .		10
18	Co-Evolution of Meta-Modeling Syntax and Informal Semantics in Domain-Specific Modeling		1

Environments — A Case Study of AUTOSAR. , 2017, , .

MATTHIAS TICHY

#	Article	IF	CITATIONS
19	How Do Software Startups Approach Experimentation? Empirical Results from a Qualitative Interview Study. Lecture Notes in Computer Science, 2017, , 297-304.	1.0	17
20	INLINE: Now you're coding with portals. , 2016, , .		2
21	Embedding programming context into source code. , 2016, , .		3
22	Modeling human behavior for software engineering simulation games. , 2016, , .		0
23	Visualizing Data-Flows in Functional Programs. , 2016, , .		1
24	ARCA Automated Analysis of AUTOSAR Meta-model Changes. , 2015, , .		6
25	Technical debt in Automated Production Systems. , 2015, , .		18
26	Quantifying Long-Term Evolution of Industrial Meta-Models - A Case Study. , 2014, , .		7
27	Evolution of Long-Term Industrial Meta-Models An Automotive Case Study of AUTOSAR. , 2014, , .		13
28	A Modelica Coordination Pattern Library for Cyber-Physical Systems. , 2014, , .		2
29	Runtime safety analysis for safe reconfiguration. , 2012, , .		12
30	12 Fujaba4Eclipse Real-Time Tool Suite. Lecture Notes in Computer Science, 2010, , 309-315.	1.0	5
31	Software Engineering for Self-Adaptive Systems: A Research Roadmap. Lecture Notes in Computer Science, 2009, , 1-26.	1.0	624
32	Modeling Techniques for Software-Intensive Systems. , 2009, , 21-57.		6
33	Introduction to the special section on self-optimizing mechatronic systems. International Journal on Software Tools for Technology Transfer, 2008, 10, 205-206.	1.7	0
34	System Architecture and Risk Management for Autonomous Railway Convoys. , 2008, , .		18
35	Safety of component-based systems. , 2008, , .		2
36	Tool Support for Developing Advanced Mechatronic Systems: Integrating the Fujaba Real-Time Tool Suite with CAMeL-View. Proceedings - International Conference on Software Engineering, 2007, , .	0.0	8

#	Article	IF	CITATIONS
37	Considering Runtime Restrictions in Self-Healing Distributed Systems. International Conference on Advanced Networking and Applications, 2007, , .	0.0	1
38	Tool integration at the meta-model level: the Fujaba approach. International Journal on Software Tools for Technology Transfer, 2004, 6, 203-218.	1.7	54
39	Reporting about industrial strength software engineering courses for undergraduates. , 2002, , .		10