

# Tanja Mayerhofer

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

391  
citations

1040056

9  
h-index

1058476

14  
g-index

27  
all docs

27  
docs citations

27  
times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Execution framework of the GEMOC studio (tool demo). , 2016, , .		51
2	xMOF: Executable DSMLs Based on fUML. Lecture Notes in Computer Science, 2013, , 56-75.	1.3	38
3	Cross-disciplinary engineering with AutomationML and SysML. Automatisierungstechnik, 2016, 64, 253-269.	0.8	30
4	A local and global tour on MOMoT. Software and Systems Modeling, 2019, 18, 1017-1046.	2.7	25
5	A runtime model for fUML. , 2012, , .		23
6	Model-based co-evolution of production systems and their libraries with AutomationML. , 2015, , .		21
7	Concern-oriented language development (COLD): Fostering reuse in language engineering. Computer Languages, Systems and Structures, 2018, 54, 139-155.	1.4	21
8	Model execution tracing: a systematic mapping study. Software and Systems Modeling, 2019, 18, 3461-3485.	2.7	18
9	Advanced and efficient execution trace management for executable domain-specific modeling languages. Software and Systems Modeling, 2019, 18, 385-421.	2.7	17
10	Semantic Model Differencing Utilizing Behavioral Semantics Specifications. Lecture Notes in Computer Science, 2014, , 116-132.	1.3	17
11	Adding uncertainty and units to quantity types in software models. , 2016, , .		14
12	fREX. , 2016, , .		12
13	Moliz. , 2012, , .		11
14	A Model-Driven Engineering Workbench for CAEX Supporting Language Customization and Evolution. IEEE Transactions on Industrial Informatics, 2018, 14, 2770-2779.	11.3	11
15	Behavioral interfaces for executable DSLs. Software and Systems Modeling, 2020, 19, 1015-1043.	2.7	10
16	Specifying quantities in software models. Information and Software Technology, 2019, 113, 82-97.	4.4	9
17	Testing and debugging UML models based on fUML. , 2012, , .		8
18	Combining fUML and profiles for non-functional analysis based on model execution traces. , 2013, , .		8

#	ARTICLE	IF	CITATIONS
19	XMLText: from XML schema to xtext. , 2015, , .		8
20	Testing Functional Requirements in UML Activity Diagrams. Lecture Notes in Computer Science, 2015, , 173-190.	1.3	8
21	Towards xMOF. , 2012, , .		6
22	Replacing traditional classroom lectures with lecture videos. , 2012, , .		6
23	Automated generation of consistency-achieving model editors. , 2017, , .		3
24	Using physical quantities in robot software models. , 2018, , .		2
25	Lossless compaction of model execution traces. Software and Systems Modeling, 2020, 19, 199-230.	2.7	2