Mark Gj Van Den Brand

List of Publications by Year
in descending order

38 papers	485 citations	840585 11 h-index	794469 19 g-index
45 all docs	45 docs citations	45 times ranked	384 citing authors

#	ARTICLE	IF	CITATIONS
1	Conceptualizing Digital Twins. IEEE Software, 2022, 39, 39-46.	2.1	39
2	Clone-Seeker: Effective Code Clone Search Using Annotations. IEEE Access, 2022, 10, 11696-11713.	2.6	4
3	A functional safety assessment method for cooperative automotive architecture. Journal of Systems and Software, 2021, 179, 110991.	3.3	9
4	Clone-advisor: recommending code tokens and clone methods with deep learning and information retrieval. PeerJ Computer Science, 2021, 7, e737.	2.7	3
5	Semi-automatic Architectural Suggestions for the Functional Safety of Cooperative Driving Systems. , 2020, , .		1
6	Interface protocol inference to aid understanding legacy software components. Software and Systems Modeling, 2020, 19, 1519-1540.	2.2	4
7	Formal Methods for GPGPU Programming: Is the Demand Met?. Lecture Notes in Computer Science, 2020, , 160-177.	1.0	4
8	Safety-Driven Development and ISO 26262. , 2019, , 225-254.		3
9	Dependency safety for Java – Implementing and testing failboxes. Science of Computer Programming, 2019, 184, 102316.	1.5	0
10	Metamodel clone detection with SAMOS. Journal of Computer Languages, 2019, 51, 57-74.	1.5	26
11	The JOT Journal: Towards a Rising Generation.. Journal of Object Technology, 2019, 18, 1.	0.8	3
12	Automotive Software Engineering: Past, Present, and Future. , 2019, , 3-8.		7
13	Improving custom-tailored variability mining using outlier and cluster detection. Science of Computer Programming, 2018, 163, 62-84.	1.5	14
14	Exploration of modularity and reusability of domain-specific languages: an expression DSL in MetaMod. Computer Languages, Systems and Structures, 2018, 51, 48-70.	1.4	10
15	On functional safety methods: A system of systems approach. , 2018, , .		13
16	A systematic approach and tool support for GSN-based safety case assessment. Journal of Systems Architecture, 2017, 76, 1-16.	2.5	10
17	Tool demonstration track of MODELS'2016. Science of Computer Programming, 2017, 149, 1-2.	1.5	0
18	An architecture pattern for safety critical automated driving applications: Design and analysis. , 2017, , .		12

#	Article	IF	Citations
19	Towards Industry 4.0: Gap Analysis between Current Automotive MES and Industry Standards Using Model-Based Requirement Engineering. , 2017, , .		28
20	Metrics design for safety assessment. Information and Software Technology, 2016, 73, 151-163.	3.0	15
21	Hierarchical Clustering of Metamodels for Comparative Analysis and Visualization. Lecture Notes in Computer Science, 2016, , 3-18.	1.0	16
22	A Survey of Open Source Multiphysics Frameworks in Engineering. Procedia Computer Science, 2015, 51, 1088-1097.	1.2	11
23	Introductionâ€"the LDTA tool challenge. Science of Computer Programming, 2015, 114, 1-6.	1.5	4
24	An approach for functional safety improvement of an existing automotive system. , 2015, , .		4
25	Eclipse API usage: the good and the bad. Software Quality Journal, 2015, 23, 107-141.	1.4	44
26	Software engineering: Redundancy is key. Science of Computer Programming, 2015, 97, 75-81.	1.5	11
27	How healthy are software engineering conferences?. Science of Computer Programming, 2014, 89, 251-272.	1.5	30
28	Modular grammar specification. Science of Computer Programming, 2014, 87, 23-43.	1.5	12
29	Automated generation of program translation and verification tools using annotated grammars. Science of Computer Programming, 2010, 75, 3-20.	1.5	3
30	Integrating Textual and Graphical Modelling Languages. Electronic Notes in Theoretical Computer Science, 2010, 253, 105-120.	0.9	24
31	Detecting Modularity "Smells" in Dependencies Injected with Java Annotations. , 2010, , .		5
32	The Second Rewrite Engines Competition. Electronic Notes in Theoretical Computer Science, 2009, 238, 281-291.	0.9	5
33	Tool Building on the Shoulders of Others. IEEE Software, 2009, 26, 22-23.	2.1	8
34	ATerms for manipulation and exchange of structured data: Itâ€™s all about sharing. Information and Software Technology, 2007, 49, 55-64.	3.0	21
35	Rewriting Logic Systems. Electronic Notes in Theoretical Computer Science, 2007, 176, 233-247.	0.9	7
36	An Action Environment. Science of Computer Programming, 2006, 61, 245-264.	1.5	16

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37	Automated Derivation of Translators From Annotated Grammars. Electronic Notes in Theoretical Computer Science, 2006, 164, 121-137.	0.9	8
38	Generation of components for software renovation factories from context-free grammars. Science of Computer Programming, 2000, 36, 209-266.	1.5	41