Amel Mammar

List of Publications by Year
in descending order

28	326	11	17
papers	citations	h-index	g-index

30	30	30	215
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Correct-by-Construction Model for Verifying Transactional Composite Services Configuration. IEEE Transactions on Services Computing, 2022, 15, 2511-2525.	4.6	0
2	Building Correct Hybrid Systems using Event-B and Sagemath: Illustration by the Hybrid Smart Heating System Case Study. , 2022, , .		1
3	Modeling the hybrid ERTMS/ETCS level 3 standard using a formal requirements engineering approach. International Journal on Software Tools for Technology Transfer, 2020, 22, 349-363.	1.9	11
4	A formal refinement-based analysis of the hybrid ERTMS/ETCS level 3 standard. International Journal on Software Tools for Technology Transfer, 2020, 22, 333-347.	1.9	11
5	Modelling Hybrid Programs with Event-B. Lecture Notes in Computer Science, 2020, , 139-154.	1.3	1
6	An Event-B Model of an Automotive Adaptive Exterior Light System. Lecture Notes in Computer Science, 2020, , 351-366.	1.3	7
7	SGAC: A Multi-Layered Access Control Model with Conflict Resolution Strategy. Computer Journal, 2019, 62, 1707-1733.	2.4	6
8	Intrusion Detection Systems: A Cross-Domain Overview. IEEE Communications Surveys and Tutorials, 2019, 21, 3639-3681.	39.4	61
9	Towards correct cloud resource allocation in FOSS applications. Future Generation Computer Systems, 2019, 91, 392-406.	7.5	14
10	An Event-B Model of the Hybrid ERTMS/ETCS Level 3 Standard. Lecture Notes in Computer Science, 2018, , 353-366.	1.3	19
11	Parameterized verification of monotone information systems. Formal Aspects of Computing, 2018, 30, 463-489.	1.8	0
12	Event-B Expression and Verification of Translation Rules Between SysML/KAOS Domain Models and B System Specifications. Lecture Notes in Computer Science, 2018, , 55-70.	1.3	10
13	Modeling a landing gear system in Event-B. International Journal on Software Tools for Technology Transfer, 2017, 19, 167-186.	1.9	15
14	A verification and deployment approach for elastic component-based applications. Formal Aspects of Computing, 2017, 29, 987-1011.	1.8	12
15	A formal approach to derive an aspect oriented programming-based implementation of a secure access control filter. Information and Software Technology, 2017, 92, 158-178.	4.4	1
16	Towards Correct Cloud Resource Allocation in Business Processes. IEEE Transactions on Services Computing, 2017, 10, 23-36.	4.6	20
17	A formal validation of the RBAC ANSI 2012 standard using B. Science of Computer Programming, 2016, 131, 76-93.	1.9	4
18	An automated approach for merging business process fragments. Computers in Industry, 2016, 82, 104-118.	9.9	10

#	ARTICLE	IF	CITATIONS
19	On the Use of Domain and System Knowledge Modeling in Goal-Based Event-B Specifications. Lecture Notes in Computer Science, 2016, , 325-339.	1.3	13
20	Proof-based verification approaches for dynamic properties: application to the information system domain. Formal Aspects of Computing, 2015, 27, 335-374.	1.8	6
21	Modeling a Landing Gear System in Event-B. Communications in Computer and Information Science, 2014, , 80-94.	0.5	10
22	An advanced approach for modeling and detecting software vulnerabilities. Information and Software Technology, 2012, 54, 997-1013.	4.4	13
23	A systematic approach to integrate common timed security rules within a TEFSM-based system specification. Information and Software Technology, 2012, 54, 87-98.	4.4	1
24	Proving Reachability in B using Substitution Refinement. Electronic Notes in Theoretical Computer Science, 2011, 280, 47-56.	0.9	5
25	A systematic approach to generate B preconditions: application to the database domain. Software and Systems Modeling, 2009, 8, 385-401.	2.7	6
26	From a B formal specification to an executable code: application to the relational database domain. Information and Software Technology, 2006, 48, 253-279.	4.4	30
27	A formal approach based on UML and B for the specification and development of database applications. Automated Software Engineering, 2006, 13, 497-528.	2.9	22
28	An Event-B-Based Approach to Model and Verify Behaviors for Component-Based Applications. Computer Journal, 0, , .	2.4	1