

# Akram Idani

## List of Publications by Year in descending order

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36  
papers

211  
citations

1040056

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h-index

1199594

12  
g-index

38  
all docs

38  
docs citations

38  
times ranked

86  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formal model-driven executable DSLs. Innovations in Systems and Software Engineering, 2022, 18, 543-566.	2.1	3
2	A Lightweight Development of Outbreak Prevention Strategies Built on Formal Methods and xDSLs. , 2021, , .		2
3	Alliance of model-driven engineering with a proof-based formal approach. Innovations in Systems and Software Engineering, 2020, 16, 289-307.	2.1	8
4	Dependability of Model-Driven Executable DSLs. Communications in Computer and Information Science, 2020, , 358-373.	0.5	2
5	Meeduse: A Tool to Build and Run Proved DSLs. Lecture Notes in Computer Science, 2020, , 349-367.	1.3	7
6	Merging Railway Standard Notations in a Formal DSL-Based Framework. Communications in Computer and Information Science, 2020, , 411-419.	0.5	0
7	Towards a model driven formal approach for merging data, access control and business processes. , 2020, , .		0
8	Towards a Tool-Based Domain Specific Approach for Railway Systems Modeling and Validation. Lecture Notes in Computer Science, 2019, , 23-40.	1.3	9
9	Incremental Development of a Safety Critical System Combining formal Methods and DSMLs. Lecture Notes in Computer Science, 2019, , 93-109.	1.3	6
10	A Separation of Concerns Approach for the Verified Modelling of Railway Signalling Rules. Lecture Notes in Computer Science, 2019, , 173-190.	1.3	1
11	Formalizing Railway Signaling System ERTMS/ETCS Using UML/Event-B. Lecture Notes in Computer Science, 2018, , 321-330.	1.3	8
12	Model driven secure web applications. , 2017, , .		1
13	Combining UML and B for the specification and validation of RBAC policies in business process activities. , 2016, , .		3
14	B for Modeling Secure Information Systems. Lecture Notes in Computer Science, 2015, , 312-318.	1.3	10
15	Validation of a Security Policy by the Test of Its Formal B Specification – A Case Study. , 2015, , .		3
16	When a Formal Model Rhymes with a Graphical Notation. Lecture Notes in Computer Science, 2015, , 54-68.	1.3	3
17	Symbolic Search of Insider Attack Scenarios from a Formal Information System Modeling. Lecture Notes in Computer Science, 2015, , 131-152.	1.3	3
18	Validation of IS Security Policies Featuring Authorisation Constraints. International Journal of Information System Modeling and Design, 2015, 6, 24-46.	1.1	7

#	ARTICLE	IF	CITATIONS
19	B Formal Validation of ERTMS/ETCS Railway Operating Rules. Lecture Notes in Computer Science, 2014, , 124-129.	1.3	10
20	Modélisation graphique et validation formelle de politiques RBAC en systèmes d'information. Plateforme B4MSecure. Ingenierie Des Systemes D'Information, 2014, 19, 33-61.	0.7	1
21	A Rigorous Reasoning about Model Transformations Using the B Method. Lecture Notes in Business Information Processing, 2013, , 426-440.	1.0	2
22	From KAOS to RBAC: A Case Study in Designing Access Control Rules from a Requirements Analysis. , 2011, , .		4
23	Evaluating RBAC Supported Techniques and their Validation and Verification. , 2011, , .		6
24	Combining UML, ASTD and B for the formal specification of an access control filter. Innovations in Systems and Software Engineering, 2011, 7, 303-313.	2.1	18
25	Validation of security policies by the animation of Z specifications. , 2011, , .		9
26	Validation of Security-Design Models Using Z. Lecture Notes in Computer Science, 2011, , 259-274.	1.3	10
27	Taking into Account Functional Models in the Validation of IS Security Policies. Lecture Notes in Computer Science, 2011, , 592-606.	1.3	11
28	A generic process to build reliable distributed software components from early to late stages of software development. , 2010, , .		0
29	Infrastructure dirigée par les modèles pour une intégration adaptable et évolutive de UML et B. Ingenierie Des Systemes D'Information, 2010, 15, 87-112.	0.7	6
30	Models Oriented Approach for Developing Railway Safety-Critical Systems with UML , 2010, , 305-330.		0
31	Commandments of UML for Safety. , 2007, , .		8
32	Object oriented concepts identification from formal B specifications. Formal Methods in System Design, 2007, 30, 217-232.	0.8	5
33	A Reverse-Engineering Approach to Understanding B Specifications with UML Diagrams. 2011 IEEE 34th Software Engineering Workshop, 2006, , .	0.0	2
34	Dynamic graphical UML views from formal B specifications. Information and Software Technology, 2006, 48, 154-169.	4.4	18
35	Object Oriented Concepts Identification from Formal B Specifications. Electronic Notes in Theoretical Computer Science, 2005, 133, 159-174.	0.9	11
36	Derivation of UML Class Diagrams as Static Views of Formal B Developments. Lecture Notes in Computer Science, 2005, , 37-51.	1.3	11