

# Behzad Bordbar

## List of Publications by Year in descending order

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30  
papers

643  
citations

1163117

8  
h-index

1281871

11  
g-index

31  
all docs

31  
docs citations

31  
times ranked

457  
citing authors

#	ARTICLE	IF	CITATIONS
1	On challenges of model transformation from UML to Alloy. Software and Systems Modeling, 2010, 9, 69-86.	2.7	150
2	UML2Alloy: A Challenging Model Transformation. Lecture Notes in Computer Science, 2007, , 436-450.	1.3	117
3	An aspect-oriented methodology for designing secure applications. Information and Software Technology, 2009, 51, 846-864.	4.4	64
4	On-Line Monitoring of Large Petri Net Models Under Partial Observation. Discrete Event Dynamic Systems: Theory and Applications, 2008, 18, 323-354.	1.5	52
5	A Model Driven Approach to Represent Sequence Diagrams as Free Choice Petri Nets. , 2008, , .		29
6	A Framework for Detecting Malware in Cloud by Identifying Symptoms. , 2012, , .		28
7	A Framework for the Analysis of Process Mining Algorithms. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2013, 43, 303-317.	9.3	25
8	Verification and Trade-Off Analysis of Security Properties in UML System Models. IEEE Transactions on Software Engineering, 2010, 36, 338-356.	5.6	24
9	A Model-Based Approach to Fault Diagnosis in Service Oriented Architectures. , 2009, , .		20
10	Forensic Virtual Machines: Dynamic Defence in the Cloud via Introspection. , 2014, , .		17
11	A Simplified Method of Measurement of Energy Consumption in Cloud and Virtualized Environment. , 2014, , .		9
12	Model interoperability via Model Driven Development. Journal of Computer and System Sciences, 2011, 77, 332-347.	1.2	8
13	Spatio-temporal Role Based Access Control for Physical Access Control Systems. , 2013, , .		8
14	Weaving True-Concurrent Aspects Using Constraint Solvers. , 2016, , .		8
15	Fourier-Motzkin method for failure diagnosis in Petri Net models of discrete event systems. , 2016, , .		8
16	A model driven approach to the design and implementing of fault tolerant Service oriented Architectures. , 2008, , .		6
17	A principled approach to mining from noisy logs using Heuristics Miner. , 2013, , .		6
18	Modelling and Analysis of Migration Policies for Autonomic Management of Energy Consumption in Cloud via Petri-Nets. , 2014, , .		6

#	ARTICLE	IF	CITATIONS
19	Measuring Energy Consumption for Web Service Product Configuration. , 2014, , .		6
20	A Protocol for Preventing Insider Attacks in Untrusted Infrastructure-as-a-Service Clouds. IEEE Transactions on Cloud Computing, 2018, 6, 942-954.	4.4	6
21	A modelling approach to Service oriented Architecture for on-line diagnosis. Service Oriented Computing and Applications, 2012, 6, 303-319.	1.6	5
22	An Architectural Framework for Enforcing Energy Management Policies in Cloud. , 2013, , .		5
23	Automated conflict detection between medical care pathways. Journal of Software: Evolution and Process, 2018, 30, e1898.	1.6	5
24	Balancing Security and Performance Properties During System Architectural Design. , 2011, , 155-191.		4
25	Verification of Spatio-Temporal Role Based Access Control using Timed Automata. , 2012, , .		3
26	On Diagnosis of Violations of Constraints in Petri Net Models of Discrete Event Systems. , 2014, , .		3
27	A Model Driven Architecture approach to fault tolerance in Service Oriented Architectures, a performance study. , 2008, , .		2
28	On formalizing of inconsistency and semi-consistency in spatio-temporal access control. , 2012, , .		2
29	Clock Number Reduction Abstraction on CEGAR Loop Approach to Timed Automaton. , 2011, , .		1
30	Analysis of Mobility Algorithms for Forensic Virtual Machine Based Malware Detection. , 2015, , .		1