Jacopo Mauro

List of Publications by Year
in descending order

45	504	840776 11	888059 17
papers	citations	h-index	g-index

51	51	51	327
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aeolus: A component model for the cloud. Information and Computation, 2014, 239, 100-121.	0.7	60
2	Context Aware Reconfiguration in Software Product Lines. , 2016, , .		30
3	SUNNY: a Lazy Portfolio Approach for Constraint Solving. Theory and Practice of Logic Programming, 2014, 14, 509-524.	1.5	24
4	Dynamic Choreographies. Lecture Notes in Computer Science, 2015, , 67-82.	1.3	22
5	Self-Reconfiguring Microservices. Lecture Notes in Computer Science, 2016, , 194-210.	1.3	22
6	Automatic Deployment of Services in the Cloud with Aeolus Blender. Lecture Notes in Computer Science, 2015, , 397-411.	1.3	20
7	AIOCJ: A Choreographic Framework for Safe Adaptive Distributed Applications. Lecture Notes in Computer Science, 2014, , 161-170.	1.3	18
8	A Planning Tool Supporting the Deployment of Cloud Applications. , 2013, , .		17
9	SUNNY-CP. , 2015, , .		17
10	An enhanced features extractor for a portfolio of constraint solvers. , 2014, , .		16
11	Zephyrus2: On the Fly Deployment Optimization Using SMT and CP Technologies. Lecture Notes in Computer Science, 2016, , 229-245.	1.3	15
12	Context-aware reconfiguration in evolving software product lines. Science of Computer Programming, 2018, 163, 139-159.	1.9	14
13	Optimal and Automated Deployment for Microservices. Lecture Notes in Computer Science, 2019, , 351-368.	1.3	14
14	Anomaly Detection and Explanation in Context-Aware Software Product Lines. , 2017, , .		11
15	Allocation Priority Policies for Serverless Function-Execution Scheduling Optimisation. Lecture Notes in Computer Science, 2020, , 416-430.	1.3	11
16	Portfolio Approaches for Constraint Optimization Problems. Lecture Notes in Computer Science, 2014, , 21-35.	1.3	11
17	Declarative Elasticity in ABS. Lecture Notes in Computer Science, 2016, , 118-134.	1.3	11
18	Virtualization Costs: Benchmarking Containers and Virtual Machines Against Bare-Metal. SN Computer Science, 2021, 2, 1.	3.6	10

#	Article	IF	Citations
19	Automatic deployment of component-based applications. Science of Computer Programming, 2015, 113, 261-284.	1.9	9
20	A Formal Approach to Microservice Architecture Deployment. , 2020, , 183-208.		9
21	Component Reconfiguration in the Presence of Conflicts. Lecture Notes in Computer Science, 2013, , 187-198.	1.3	9
22	Towards Global and Local Types for Adaptation. Lecture Notes in Computer Science, 2014, , 3-14.	1.3	8
23	Developing correct, distributed, adaptive software. Science of Computer Programming, 2015, 97, 41-46.	1.9	7
24	Portfolio approaches for constraint optimization problems. Annals of Mathematics and Artificial Intelligence, 2016, 76, 229-246.	1.3	7
25	Interface-Based Service Composition with Aggregation. Lecture Notes in Computer Science, 2012, , 48-63.	1.3	7
26	Compiling and Executing Declarative Modeling Languages to Gecode. Lecture Notes in Computer Science, 2008, , 744-748.	1.3	7
27	On the Integration of Automatic Deployment into the ABS Modeling Language. Lecture Notes in Computer Science, 2015, , 49-64.	1.3	7
28	Graceful Interruption of Request-Response Service Interactions. Lecture Notes in Computer Science, 2011, , 590-600.	1.3	6
29	Lazy product discovery in huge configuration spaces. , 2020, , .		6
30	On the modeling of optimal and automatized cloud application deployment. Journal of Logical and Algebraic Methods in Programming, 2019, 107, 108-135.	0.5	5
31	Fast Post-Disaster Emergency Vehicle Scheduling. Advances in Intelligent Systems and Computing, 2013, , 219-226.	0.6	4
32	Why CP Portfolio Solvers Are (under)Utilized? Issues and Challenges. Lecture Notes in Computer Science, 2015, , 349-364.	1.3	4
33	On the expressive power of priorities in CHR. , 2009, , .		3
34	Decidability properties for fragments of CHR. Theory and Practice of Logic Programming, 2010, 10, 611-626.	1.5	3
35	SUNNY-CP and the MiniZinc challenge. Theory and Practice of Logic Programming, 2018, 18, 81-96.	1.5	3
36	Microservice Dynamic Architecture-Level Deployment Orchestration. Lecture Notes in Computer Science, 2021, , 257-275.	1.3	3

#	Article	IF	Citations
37	The expressive power of CHR with priorities. Information and Computation, 2013, 228-229, 62-82.	0.7	2
38	Feature Selection for SUNNY: A Study on the Algorithm Selection Library. , 2015, , .		2
39	Anomaly detection in Context-aware Feature Models. , 2021, , .		2
40	Parallelizing Constraint Solvers for Hard RCPSP Instances. Lecture Notes in Computer Science, 2016, , 227-233.	1.3	2
41	An Efficient Management of Correlation Sets with Broadcast. Lecture Notes in Computer Science, 2011, , 80-94.	1.3	2
42	Service-Oriented Volunteer Computing for Massively Parallel Constraint Solving Using Portfolios. Lecture Notes in Computer Science, 2010, , 246-251.	1.3	2
43	Service integration via target-transparent mediation. , 2012, , .		1
44	On the Expressiveness of Synchronization in Component Deployment. Lecture Notes in Computer Science, 2016, , 344-359.	1.3	0
45	Guess Whoâ€™s Coming: Runtime Inclusion of Participants in Choreographies. Lecture Notes in Computer Science, 2019, , 118-138.	1.3	0