Nelly Bencomo

List of Publications by Year
in descending order

15 papers	1,309 citations	1478505 6 h-index	1474206 9 g-index
15 all docs	15 docs citations	15 times ranked	870 citing authors

#	Article	IF	Citations
1	Models@ run.time. Computer, 2009, 42, 22-27.	1.1	526
2	Software Engineering for Self-Adaptive Systems: A Second Research Roadmap. Lecture Notes in Computer Science, 2013, , 1-32.	1.3	317
3	Requirements-Aware Systems: A Research Agenda for RE for Self-adaptive Systems. , 2010, , .		155
4	Models@run.time: a guided tour of the state of the art and research challenges. Software and Systems Modeling, 2019, 18, 3049-3082.	2.7	102
5	The Notion of Self-aware Computing. , 2017, , 3-16.		56
6	Opportunities in intelligent modeling assistance. Software and Systems Modeling, 2020, 19, 1045-1053.	2.7	37
7	A world full of surprises: bayesian theory of surprise to quantify degrees of uncertainty. , 2014, , .		35
8	Self-aware Computing Systems: Related Concepts and Research Areas. , 2017, , 17-49.		20
9	A Hitchhiker's Guide to Model-Driven Engineering for Data-Centric Systems. IEEE Software, 2021, 38, 71-84.	1.8	19
10	Querying and Annotating Model Histories with Time-Aware Patterns. , 2019, , .		15
11	State of the Art in Architectures for Self-aware Computing Systems. , 2017, , 237-275.		10
12	Agent-Based Framework for Self-Organization of Collective and Autonomous Shuttle Fleets. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3631-3643.	8.0	7
13	Reward-Reinforced Generative Adversarial Networks for Multi-Agent Systems. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 479-488.	4.9	4
14	Self-Explanation in Adaptive Systems Based on Runtime Goal-Based Models. Lecture Notes in Computer Science, 2014, , 122-145.	1.3	4
15	Cronista: A multi-database automated provenance collection system for runtime-models. Information and Software Technology, 2022, 141, 106694.	4.4	2