

# Martina Maggio

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11651284/publications.pdf>

Version: 2024-02-01

17  
papers

379  
citations

1307594

7  
h-index

1474206

9  
g-index

17  
all docs

17  
docs citations

17  
times ranked

238  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brownout: building more robust cloud applications. , 2014, , .		101
2	Comparison of Decision-Making Strategies for Self-Optimization in Autonomic Computing Systems. ACM Transactions on Autonomous and Adaptive Systems, 2012, 7, 1-32.	0.8	63
3	Control Strategies for Self-Adaptive Software Systems. ACM Transactions on Autonomous and Adaptive Systems, 2017, 11, 1-31.	0.8	48
4	Controlling software applications via resource allocation within the heartbeats framework. , 2010, , .		36
5	Improving Cloud Service Resilience Using Brownout-Aware Load-Balancing. , 2014, , .		24
6	FLOPSYNC-2: Efficient Monotonic Clock Synchronisation. , 2014, , .		23
7	Control-theoretical load-balancing for cloud applications with brownout. , 2014, , .		17
8	Control strategies for predictable brownouts in cloud computing. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 689-694.	0.4	16
9	Control-based load-balancing techniques: Analysis and performance evaluation via a randomized optimization approach. Control Engineering Practice, 2016, 52, 24-34.	5.5	16
10	The PID+p controller structure and its contextual autotuning. Journal of Process Control, 2012, 22, 1237-1245.	3.3	11
11	A dynamic modelling framework for control-based computing system design. Mathematical and Computer Modelling of Dynamical Systems, 2015, 21, 251-271.	2.2	10
12	The PI+p controller structure and its tuning. Journal of Process Control, 2009, 19, 1451-1457.	3.3	9
13	On the Use of Feedback Control in the Design of Computing System Components. Asian Journal of Control, 2013, 15, 31-40.	3.0	4
14	How control-friendly is a computing system? And how control-friendly could it be?. IFAC-PapersOnLine, 2020, 53, 7857-7864.	0.9	1
15	The PID+p controller structure and its contextual model-based tuning. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 4101-4106.	0.4	0
16	Performance analysis of operating systems schedulers realised as discrete-time controllers. , 2012, , .		0
17	Control-Based Resource Management for Storage of Video Streams. IFAC-PapersOnLine, 2020, 53, 5542-5549.	0.9	0