Chiara Pielli

List of Publications by Year
in descending order

14 papers	231 citations	1307594 7 h-index	1588992 8 g-index
14 all docs	14 docs citations	14 times ranked	288 citing authors

#	Article	IF	Citations
1	A Dynamic Approach to Rebalancing Bike-Sharing Systems. Sensors, 2018, 18, 512.	3.8	92
2	A Bike-sharing Optimization Framework Combining Dynamic Rebalancing and User Incentives. ACM Transactions on Autonomous and Adaptive Systems, 2019, 14, 1-30.	0.8	25
3	EC-CENTRIC: An Energy- and Context-Centric Perspective on IoT Systems and Protocol Design. IEEE Access, 2017, 5, 6894-6908.	4.2	23
4	Access Control for IoT Nodes With Energy and Fidelity Constraints. IEEE Transactions on Wireless Communications, 2018, 17, 3242-3257.	9.2	22
5	Joint Optimization of Energy Efficiency and Data Compression in TDMA-Based Medium Access Control for the IoT. , 2016, , .		14
6	Joint Compression, Channel Coding, and Retransmission for Data Fidelity With Energy Harvesting. IEEE Transactions on Communications, 2018, 66, 1425-1439.	7.8	9
7	The Potential of mmWaves in Smart Industry: Manufacturing at 60ÂGHz. Lecture Notes in Computer Science, 2018, , 64-76.	1.3	9
8	Random Access in the IoT: An Adaptive Sampling and Transmission Strategy. , 2018, , .		8
9	An Analytical Model for CBAP Allocations in IEEE 802.11ad. IEEE Transactions on Communications, 2021, 69, 649-663.	7.8	8
10	An Interference-Aware Channel Access Strategy for WSNs Exploiting Temporal Correlation. IEEE Transactions on Communications, 2019, 67, 8585-8597.	7.8	6
11	Bike sharing as a key smart city service: State of the art and future developments. , 2018, , .		5
12	Minimizing Data Distortion of Periodically Reporting IoT Devices with Energy Harvesting. , 2017, , .		4
13	Jamming the Underwater. , 2019, , .		4
14	A Random Access Scheme to Balance Energy Efficiency and Accuracy in Monitoring Applications. , 2018, , .		2