Berna Sayrac

List of Publications by Year
in descending order

17 papers	317 citations	1684188 5 h-index	2053705 5 g-index
17 all docs	17 docs citations	17 times ranked	273 citing authors

#	Article	IF	Citations
1	SON Coordination in Heterogeneous Networks: A Reinforcement Learning Framework. IEEE Transactions on Wireless Communications, 2016, 15, 5835-5847.	9.2	35
2	Spatial Prediction Under Location Uncertainty in Cellular Networks. IEEE Transactions on Wireless Communications, 2016, 15, 7633-7643.	9.2	23
3	SON Coordination for parameter conflict resolution: A reinforcement learning framework. , 2014, , .		15
4	Coordinating SON Instances: A Reinforcement Learning Framework. , 2014, , .		1
5	Coverage mapping using spatial interpolation with field measurements. , 2014, , .		11
6	Coordinating SON instances: Reinforcement learning with distributed value function. , 2014, , .		3
7	SON conflict resolution using reinforcement learning with state aggregation. , 2014, , .		6
8	Low complexity spatial interpolation for cellular coverage analysis. , 2014, , .		20
9	Harvesting MDT data: Radio environment maps for coverage analysis in cellular networks. , 2013, , .		16
10	Bayesian spatial interpolation as an emerging cognitive radio application for coverage analysis in cellular networks. Transactions on Emerging Telecommunications Technologies, 2013, 24, 636-648.	3.9	18
11	Centralized self-optimization of pilot powers for load balancing in LTE. , 2013, , .		5
12	Improving coverage estimation for cellular networks with spatial bayesian prediction based on measurements. , 2012, , .		26
13	How a layered rem architecture brings cognition to today's mobile networks. IEEE Wireless Communications, 2012, 19, 17-24.	9.0	37
14	An Algorithm for Fast REM Construction. , 2011, , .		10
15	Statistical Learning in Automated Troubleshooting: Application to LTE Interference Mitigation. IEEE Transactions on Vehicular Technology, 2010, 59, 3651-3656.	6.3	14
16	Informed spectrum usage in cognitive radio networks: Interference cartography. , 2008, , .		77
17	Centralized self-optimization of interference management in LTE-A HetNets. , 0, , 363-392.		0