

# LuÃ-s Irio

## List of Publications by Year in descending order

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23  
papers

125  
citations

1307594

7  
h-index

1474206

9  
g-index

24  
all docs

24  
docs citations

24  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectrum Sensing Performance in Cognitive Radio Networks With Multiple Primary Users. IEEE Transactions on Vehicular Technology, 2016, 65, 1564-1574.	6.3	24
2	Distribution of the Residual Self-Interference Power in In-Band Full-Duplex Wireless Systems. IEEE Access, 2019, 7, 57516-57526.	4.2	21
3	Aggregate Interference in Random Waypoint Mobile Networks. IEEE Communications Letters, 2015, 19, 1021-1024.	4.1	15
4	Interference Characterization in Random Waypoint Mobile Networks. IEEE Transactions on Wireless Communications, 2018, 17, 7340-7351.	9.2	14
5	An Adaptive Learning-Based Approach for Vehicle Mobility Prediction. IEEE Access, 2021, 9, 13671-13682.	4.2	9
6	Approximate Distributions of the Residual Self-Interference Power in Multi-Tap Full-Duplex Systems. IEEE Wireless Communications Letters, 2021, 10, 755-759.	5.0	9
7	Highly Accurate Approaches for the Interference Modeling in Coexisting Wireless Networks. IEEE Communications Letters, 2019, 23, 1652-1656.	4.1	8
8	On the Impact of Fading on Residual Self-Interference Power of In-Band Full-Duplex Wireless Systems. , 2018, , .		6
9	Impact of Wireless-Powered Communications in Coexisting Mobile Networks. IEEE Wireless Communications Letters, 2020, , 1-1.	5.0	6
10	Characterization of the residual self-interference power in full-duplex wireless systems. , 2018, , .		4
11	Detection of licensed users' activity in a random access ultra wideband cognitive system. , 2014, , .		3
12	A Comparative Evaluation of Probabilistic and Deep Learning Approaches for Vehicular Trajectory Prediction. IEEE Open Journal of Vehicular Technology, 2021, 2, 140-150.	4.9	3
13	Characterization of the Spatial False Alarm effect in Cognitive Radio Networks. , 2014, , .		1
14	SC-FDE femtocell energy saving using IB-DFE Interference Cancellation techniques. , 2014, , .		1
15	In-Band Full-duplex Residual Self-interference Approximation in Multi-tap Delay Fading Channels. , 2020, , .		1
16	Interference estimation in wireless mobile random waypoint networks. , 2015, , .		0
17	Sensing capacity of Cognitive Radio Mobile Ad Hoc Networks. , 2015, , .		0
18	Impact of Mobility in Spectrum Sensing Capacity. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 162-172.	0.3	0

#	ARTICLE	IF	CITATIONS
19	The impact of phase-noise on the communication system receivers. , 2018, , .		0
20	Interference Analysis for Secondary Coexistence in Licensed Networks. , 2019, , .		0
21	Interference Power Characterization in Directional Networks and Full-Duplex Systems. IFIP Advances in Information and Communication Technology, 2021, , 218-225.	0.7	0
22	Optimal Carrier Sensing Range in Coexisting Wireless Networks. , 2021, , .		0
23	Self-interference in Multi-tap Channels for Full-Duplex Wireless Systems. IFIP Advances in Information and Communication Technology, 2020, , 147-155.	0.7	0