

# Koralia N Pappi

## List of Publications by Year in descending order

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22  
papers

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citations

1040056

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1281871

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all docs

23  
docs citations

23  
times ranked

619  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wireless-Powered Communications With Non-Orthogonal Multiple Access. IEEE Transactions on Wireless Communications, 2016, 15, 8422-8436.	9.2	227
2	Joint Downlink/Uplink Design for Wireless Powered Networks With Interference. IEEE Access, 2017, 5, 1534-1547.	4.2	52
3	Optimal design of non-orthogonal multiple access with wireless power transfer. , 2016, , .		29
4	Throughput Maximization in Multicarrier Wireless Powered Relaying Networks. IEEE Wireless Communications Letters, 2015, 4, 385-388.	5.0	23
5	Autonomous Energy Harvesting Base Stations With Minimum Storage Requirements. IEEE Wireless Communications Letters, 2015, 4, 265-268.	5.0	18
6	Distributed Uplink-NOMA for Cloud Radio Access Networks. IEEE Communications Letters, 2017, 21, 2274-2277.	4.1	18
7	Airborne Radio Access Networks with Simultaneous Lightwave Information and Power Transfer (SLIPT). , 2018, , .		17
8	Carrier Aggregation for Cooperative Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 5904-5918.	6.3	14
9	Toward Efficient Integration of Information and Energy Reception. IEEE Transactions on Communications, 2019, 67, 6572-6585.	7.8	13
10	Cloud Compute-and-Forward With Relay Cooperation. IEEE Transactions on Wireless Communications, 2015, 14, 3415-3428.	9.2	12
11	Smart Decode-and-Forward Relaying with Polar Codes. IEEE Wireless Communications Letters, 2014, 3, 62-65.	5.0	11
12	Error Performance of Multidimensional Lattice Constellationsâ€”Part I: A Parallelootope Geometry Based Approach for the AWGN Channel. IEEE Transactions on Communications, 2013, 61, 1088-1098.	7.8	8
13	Error Performance of Multidimensional Lattice Constellationsâ€”Part II: Evaluation over Fading Channels. IEEE Transactions on Communications, 2013, 61, 1099-1110.	7.8	7
14	How sensitive is compute-and-forward to channel estimation errors?. , 2013, , .		7
15	Underlay cognitive radio: What is the impact of carrier aggregation and relaying on throughput?. , 2016, , .		4
16	Optimal Simultaneous Wireless Information and Power Transfer with Low-Complexity Receivers. , 2018, , .		4
17	Compute-and-forward with relay selection: A cooperative game. , 2014, , .		3
18	A combinatorial geometrical approach to the error performance of multidimensional finite lattice constellations. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
19	A theoretical limit for the ML performance of MIMO systems based on lattices. , 2013, , .		1
20	Performance Analysis of Variable-Angle Quadrature Amplitude Constellations. , 2009, , .		0
21	Low-complexity PHY-layer network coding for two-way compute-and-forward relaying. , 2014, , .		0
22	Low-Complexity Sequential Information and Energy Reception. , 2019, , .		0