

# Ahmed Douik

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47  
papers

628  
citations

13  
h-index

22  
g-index

51  
ext. papers

730  
ext. citations

6.8  
avg, IF

4.31  
L-index

#	Paper	IF	Citations
47	Cost-effective hybrid RF/FSO backhaul solution for next generation wireless systems. <i>IEEE Wireless Communications</i> , <b>2015</b> , 22, 98-104	13.4	78
46	. <i>IEEE Wireless Communications</i> , <b>2015</b> , 22, 66-73	13.4	54
45	Hybrid Radio/Free-Space Optical Design for Next Generation Backhaul Systems. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 2563-2577	6.9	47
44	Instantly decodable network coding for real-time device-to-device communications. <i>Eurasip Journal on Advances in Signal Processing</i> , <b>2016</b> , 2016,	1.9	45
43	Instantly Decodable Network Coding: From Centralized to Device-to-Device Communications. <i>IEEE Communications Surveys and Tutorials</i> , <b>2017</b> , 19, 1201-1224	37.1	32
42	Coordinated Scheduling and Power Control in Cloud-Radio Access Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 2523-2536	9.6	32
41	Partially Blind Instantly Decodable Network Codes for Lossy Feedback Environment. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 4871-4883	9.6	23
40	Completion time reduction in instantly decodable network coding through decoding delay control <b>2014</b> ,		21
39	A Lossy Graph Model for Delay Reduction in Generalized Instantly Decodable Network Coding. <i>IEEE Wireless Communications Letters</i> , <b>2014</b> , 3, 281-284	5.9	17
38	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 2756-2770	6.8	17
37	On Minimizing the Maximum Broadcast Decoding Delay for Instantly Decodable Network Coding <b>2014</b> ,		16
36	Delay reduction in multi-hop device-to-device communication using network coding <b>2015</b> ,		15
35	Distributed Hybrid Scheduling in Multi-Cloud Networks Using Conflict Graphs. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 66, 209-224	6.9	13
34	Data Dissemination Using Instantly Decodable Binary Codes in Fog-Radio Access Networks. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 66, 2052-2064	6.9	13
33	Rate Aware Instantly Decodable Network Codes <b>2015</b> ,		13
32	A game theoretic approach to minimize the completion time of network coded cooperative data exchange <b>2014</b> ,		13
31	Rate Aware Instantly Decodable Network Codes. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 998-1011	9.6	12

30	Coordinated scheduling for the downlink of cloud radio-access networks <b>2015</b> ,		12
29	Delay reduction in lossy intermittent feedback for generalized instantly decodable network coding <b>2013</b> ,		12
28	Rate Aware Network Codes for Cloud Radio Access Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2019</b> , 18, 1898-1910	4.6	12
27	A Game-Theoretic Framework for Network Coding Based Device-to-Device Communications. <i>IEEE Transactions on Mobile Computing</i> , <b>2017</b> , 16, 901-917	4.6	11
26	. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 5956-5970	9.6	10
25	Delay Reduction in Multi-Hop Device-to-Device Communication Using Network Coding. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 7040-7053	9.6	8
24	On Using Dual Interfaces With Network Coding for Delivery Delay Reduction. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 3981-3995	9.6	7
23	Delivery time reduction for order-constrained applications using binary network codes <b>2016</b> ,		7
22	Throughput Maximization in Cloud-Radio Access Networks using Cross-Layer Network Coding. <i>IEEE Transactions on Mobile Computing</i> , <b>2020</b> , 1-1	4.6	7
21	Rate-aware network codes for completion time reduction in device-to-device communications <b>2016</b> ,		7
20	Cost-effective backhaul design using hybrid radio/free-space optical technology <b>2015</b> ,		6
19	Manifold Optimization Over the Set of Doubly Stochastic Matrices: A Second-Order Geometry. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 5761-5774	4.8	6
18	Rate aware network codes for coordinated multi base-station networks <b>2016</b> ,		6
17	Rate-Aware Network Codes for Video Distortion Reduction in Point-to-Multipoint Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 7446-7460	6.8	5
16	Low-Complexity Scheduling and Power Adaptation for Coordinated Cloud-Radio Access Networks. <i>IEEE Communications Letters</i> , <b>2017</b> , 21, 2298-2301	3.8	5
15	Resilient backhaul network design using hybrid radio/free-space optical technology <b>2016</b> ,		5
14	Mode Selection and Power Allocation in Multi-Level Cache-Enabled Networks. <i>IEEE Communications Letters</i> , <b>2020</b> , 24, 1789-1793	3.8	4
13	A Tutorial on Clique Problems in Communications and Signal Processing. <i>Proceedings of the IEEE</i> , <b>2020</b> , 108, 583-608	14.3	4

12	Throughput Maximization in Cloud Radio Access Networks Using Network Coding <b>2018</b> ,		4
11	An Improved Weight Design for Unwanted Packets in Multicast Instantly Decodable Network Coding. <i>IEEE Communications Letters</i> , <b>2019</b> , 23, 2122-2125	3.8	4
10	Hybrid Scheduling/Signal-Level Coordination in the Downlink of Multi-Cloud Radio-Access Networks <b>2015</b> ,		4
9	Coalition Formation Game for Cooperative Content Delivery in Network Coding Assisted D2D Communications. <i>IEEE Access</i> , <b>2020</b> , 8, 158152-158168	3.5	3
8	Low-Complexity Power Allocation for Network-Coded User Scheduling in Fog-RANs. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 1318-1322	3.8	3
7	A Riemannian Approach for Graph-Based Clustering by Doubly Stochastic Matrices <b>2018</b> ,		3
6	Low-Complexity Scheduling for Delay Minimization in D2D Communications Using Network Coding. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 2430-2434	3.8	3
5	Data dissemination using instantly decodable binary codes in fog-radio access networks <b>2017</b> ,		2
4	Precise 3-D GNSS Attitude Determination Based on Riemannian Manifold Optimization Algorithms. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 284-299	4.8	2
3	Joint Scheduling and Beamforming via Cloud-Radio Access Networks Coordination <b>2018</b> ,		2
2	Manifold Optimization for High-Accuracy Spatial Location Estimation Using Ultrasound Waves. <i>IEEE Transactions on Signal Processing</i> , <b>2021</b> , 69, 5078-5093	4.8	2
1	Cardinality Estimation Algorithm in Large-Scale Anonymous Wireless Sensor Networks. <i>Advances in Intelligent Systems and Computing</i> , <b>2018</b> , 569-578	0.4	