

# Derya Malak

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5263435/publications.pdf>

Version: 2024-02-01

21  
papers

527  
citations

840776

11  
h-index

1199594

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

734  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial Concentration of Caching in Wireless Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2021, 20, 3397-3414.	9.2	1
2	Function Load Balancing Over Networks. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 1041-1056.	2.5	0
3	JSAIT Editorial for the Special Issue on "Beyond Errors and Erasures: Coding for Data Management and Delivery in Networks" IEEE Journal on Selected Areas in Information Theory, 2021, 2, 1075-1077.	2.5	0
4	How to Distribute Computation in Networks. , 2020, , .		3
5	Discrete Water Filling Multi-Path Packet Scheduling. , 2020, , .		4
6	Adaptive Causal Network Coding With Feedback. IEEE Transactions on Communications, 2020, 68, 4325-4341.	7.8	28
7	Multi-Source Coded Downloads. , 2019, , .		5
8	Enabling Multi-Source Coded Downloads. , 2019, , .		2
9	Tiny Codes for Guaranteeable Delay. IEEE Journal on Selected Areas in Communications, 2019, 37, 809-825.	14.0	31
10	Spatial Soft-Core Caching. , 2019, , .		1
11	Guesswork for Inference in Machine Translation with Seq2seq Model. , 2019, , .		1
12	Throughput Maximization for Delay-Sensitive Random Access Communication. IEEE Transactions on Wireless Communications, 2019, 18, 709-723.	9.2	28
13	Throughput and Delay Analysis for Coded ARQ. , 2019, , .		1
14	Spatially Correlated Content Caching for Device-to-Device Communications. IEEE Transactions on Wireless Communications, 2018, 17, 56-70.	9.2	52
15	Optimizing Content Caching to Maximize the Density of Successful Receptions in Device-to-Device Networking. IEEE Transactions on Communications, 2016, , 1-1.	7.8	80
16	Optimizing Data Aggregation for Uplink Machine-to-Machine Communication Networks. IEEE Transactions on Communications, 2016, 64, 1274-1290.	7.8	67
17	A Communication Theoretical Analysis of Synaptic Multiple-Access Channel in Hippocampal-Cortical Neurons. IEEE Transactions on Communications, 2013, 61, 2457-2467.	7.8	75
18	Communication theoretic analysis of the synaptic channel for cortical neurons. Nano Communication Networks, 2013, 4, 131-141.	2.9	14

#	ARTICLE	IF	CITATIONS
19	Rate-Delay Tradeoff With Network Coding in Molecular Nanonetworks. IEEE Nanotechnology Magazine, 2013, 12, 120-128.	2.0	42
20	Fundamentals of Green Communications and Computing: Modeling and Simulation. Computer, 2012, 45, 40-46.	1.1	16
21	Molecular communication nanonetworks inside human body. Nano Communication Networks, 2012, 3, 19-35.	2.9	76