

Farshad Lahouti

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

218
citations

1478505

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1372567

10
g-index

20
all docs

20
docs citations

20
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	Information rate analysis of ASK-based molecular communication systems with feedback. Nano Communication Networks, 2021, 28, 100339.	2.9	3
2	Two-Layer Coded Channel Access With Collision Resolution: Design and Analysis. IEEE Transactions on Wireless Communications, 2020, 19, 7986-7997.	9.2	3
3	Distributed Solution of Large-Scale Linear Systems via Accelerated Projection-Based Consensus. IEEE Transactions on Signal Processing, 2019, 67, 3806-3817.	5.3	19
4	Analysis of Distributed ADMM Algorithm for Consensus Optimization in Presence of Node Error. IEEE Transactions on Signal Processing, 2019, 67, 1774-1784.	5.3	30
5	Neuronal Synchronization Can Control the Energy Efficiency of Inter-Spike Interval Coding. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2018, 4, 221-236.	2.1	5
6	Analysis of distributed ADMM algorithm for consensus optimisation over lossy networks. IET Signal Processing, 2018, 12, 786-794.	1.5	6
7	Exact Assessment of the Delay-Rate Tradeoff in Ergodic Interference Alignment. IEEE Communications Letters, 2018, 22, 910-913.	4.1	2
8	Abnormality Detection in Correlated Gaussian Molecular Nano-Networks: Design and Analysis. IEEE Transactions on Nanobioscience, 2017, 16, 189-202.	3.3	23
9	Coded random access design for constrained outage. , 2017, , .		9
10	Resilient decentralized consensus-based state estimation for smart grid in presence of false data. , 2016, , .		21
11	Statistical QoS analysis of full duplex and half duplex heterogeneous cellular networks. , 2016, , .		8
12	Analysis of key generation rate from wireless channel in in-band full-duplex communications. , 2016, , .		12
13	Resource allocation in OFDMA networks with half-duplex and imperfect full-duplex users. , 2016, , .		20
14	RCFD: A frequency-based channel access scheme for full-duplex wireless networks. , 2016, , .		4
15	Bounds on the Capacity of ASK Molecular Communication Channels with ISI. , 2015, , .		3
16	Information Rates of ASK-Based Molecular Communication in Fluid Media. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2015, 1, 277-291.	2.1	10
17	Wyner-Ziv source coding with feedback and uncertain side information. , 2015, , .		1
18	A matrix completion approach to linear index coding problem. , 2014, , .		23

#	ARTICLE	IF	CITATIONS
19	Bounds on the Capacity of ASK Molecular Communication Channels with ISI. , 2014, , .		0
20	Modeling and analysis of abnormality detection in biomolecular nano-networks. Nano Communication Networks, 2012, 3, 229-241.	2.9	16