

Abubakr O Al-Abbasi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	DeepPool: Distributed Model-Free Algorithm for Ride-Sharing Using Deep Reinforcement Learning. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 4714-4727.	8.0	86
2	Multi-Tier Caching Analysis in CDN-Based Over-the-Top Video Streaming Systems. IEEE/ACM Transactions on Networking, 2019, 27, 835-847.	3.8	42
3	Video Streaming in Distributed Erasure-Coded Storage Systems: Stall Duration Analysis. IEEE/ACM Transactions on Networking, 2018, 26, 1921-1932.	3.8	19
4	Joint Information Freshness and Completion Time Optimization for Vehicular Networks. IEEE Transactions on Services Computing, 2022, 15, 1118-1129.	4.6	19
5	A Distributed Model-Free Algorithm for Multi-Hop Ride-Sharing Using Deep Reinforcement Learning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 8595-8605.	8.0	14
6	Two-stage LASSO ADMM signal detection algorithm for large scale MIMO. , 2017, , .		13
7	TTLc: Taming Tail Latency for Erasure-Coded Cloud Storage Systems. IEEE Transactions on Network and Service Management, 2019, 16, 1609-1623.	4.9	12
8	FastTrack: Minimizing Stalls for CDN-based Over-the-top Video Streaming Systems. IEEE Transactions on Cloud Computing, 2019, , 1-1.	4.4	10
9	A general framework for the design and analysis of sparse FIR linear equalizers. , 2015, , .		9
10	Mean latency optimization in erasure-coded distributed storage systems. , 2018, , .		8
11	TTLCache: Taming Latency in Erasure-Coded Storage Through TTL Caching. IEEE Transactions on Network and Service Management, 2020, 17, 1582-1596.	4.9	8
12	Design and Analysis of Sparsifying Dictionaries for FIR MIMO Equalizers. IEEE Transactions on Wireless Communications, 2017, 16, 2576-2586.	9.2	7
13	A Novel OFDM Waveform With Enhanced Physical Layer Security. IEEE Communications Letters, 2021, 25, 387-391.	4.1	7
14	EdgeCache: An optimized algorithm for CDN-based over-the-top video streaming services. , 2018, , .		6
15	On the Information Freshness and Tail Latency Trade-Off in Mobile Networks. , 2019, , .		6
16	Design and analysis framework for sparse FIR channel shortening. , 2016, , .		2
17	Reduced-complexity sparsity-aware joint phase noise mitigation and channel equalization in OFDM receivers. Physical Communication, 2018, 30, 50-57.	2.1	2
18	Sparsifying dictionary analysis for FIR MIMO channel-shortening equalizers. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
19	Stall-Quality Tradeoff for Cloud-based Video Streaming. , 2018, , .		1
20	VidCloud. ACM Transactions on Modeling and Performance Evaluation of Computing Systems, 2020, 5, 1-32.	0.9	1
21	A framework for optimal cost media streaming in three-tier wireless networks. Wireless Networks, 2017, 23, 1575-1590.	3.0	0