

# Parimal Parag

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

618  
citations

933447

10  
h-index

839539

18  
g-index

42  
all docs

42  
docs citations

42  
times ranked

485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal pricing in multi server systems. Performance Evaluation, 2022, 154, 102282.	1.2	1
2	Latency-Redundancy Tradeoff in Distributed Read-Write Systems. , 2022, , .		1
3	Latency Optimal Storage and Scheduling of Replicated Fragments for Memory Constrained Servers. IEEE Transactions on Information Theory, 2022, 68, 4135-4155.	2.4	2
4	Mode-Suppression: A Simple, Stable and Scalable Chunk-Sharing Algorithm for P2P Networks. IEEE/ACM Transactions on Networking, 2021, , 1-12.	3.8	1
5	Tracking an Auto-Regressive Process with Limited Communication per Unit Time. Entropy, 2021, 23, 347.	2.2	2
6	Variable Length Differential Encoding for Real-Time Status Updates. IEEE Communications Letters, 2021, 25, 1129-1133.	4.1	2
7	Low latency replication coded storage over memory -constrained servers. , 2021, , .		1
8	Single-Forking of Coded Subtasks for Straggler Mitigation. IEEE/ACM Transactions on Networking, 2021, 29, 2413-2424.	3.8	4
9	Tracking an Auto-Regressive Process with Limited Communication. , 2020, , .		0
10	Real-Time Status Updates With Perfect Feedback Over Erasure Channels. IEEE Transactions on Communications, 2020, 68, 5363-5374.	7.8	10
11	Adaptive Distributed Stochastic Gradient Descent for Minimizing Delay in the Presence of Stragglers. , 2020, , .		7
12	Sequential addition of coded sub-tasks for straggler mitigation. , 2020, , .		8
13	Minimizing Latency for Secure Coded Computing Using Secret Sharing via Staircase Codes. IEEE Transactions on Communications, 2020, 68, 4609-4619.	7.8	34
14	CORNET: A Co-Simulation Middleware for Robot Networks. , 2020, , .		11
15	Optimal Source Codes for Timely Updates. IEEE Transactions on Information Theory, 2020, 66, 3714-3731.	2.4	26
16	Optimal Server Selection for Straggler Mitigation. IEEE/ACM Transactions on Networking, 2020, 28, 709-721.	3.8	14
17	On the Latency in Vehicular Control using Video Streaming over Wi-Fi. , 2020, , .		1
18	Real-Time Status Updates for Markov Source. IEEE Transactions on Information Theory, 2019, 65, 5737-5749.	2.4	11

#	ARTICLE	IF	CITATIONS
19	Latency Analysis for Distributed Coded Storage Systems. IEEE Transactions on Information Theory, 2019, 65, 4683-4698.	2.4	17
20	A Systematic Approach to Incremental Redundancy With Application to Erasure Channels. IEEE Transactions on Communications, 2019, 67, 2620-2631.	7.8	6
21	Fixed Length Differential Encoding for Real-Time Status Updates. IEEE Transactions on Communications, 2019, 67, 2381-2392.	7.8	13
22	Optimal Lossless Source Codes for Timely Updates. , 2018, , .		28
23	A Systematic Approach to Incremental Redundancy over Erasure Channels. , 2018, , .		4
24	Novel Latency Bounds for Distributed Coded Storage. , 2018, , .		1
25	Mode-Suppression: A Simple and Provably Stable Chunk-Sharing Algorithm for P2P Networks. , 2018, , .		4
26	Differential Encoding for Real-Time Status Updates. , 2017, , .		11
27	Minimizing latency for secure distributed computing. , 2017, , .		60
28	On Real-Time Status Updates over Symbol Erasure Channels. , 2017, , .		41
29	Latency analysis for distributed storage. , 2017, , .		7
30	Real-time status updates for correlated source. , 2017, , .		11
31	Code-Rate Selection, Queueing Behavior, and the Correlated Erasure Channel. IEEE Transactions on Information Theory, 2013, 59, 397-407.	2.4	12
32	Value-Aware Resource Allocation for Service Guarantees in Networks. IEEE Journal on Selected Areas in Communications, 2011, 29, 960-968.	14.0	3
33	Exploiting an interplay between norms to analyze scalar quantization schemes. , 2011, , .		0
34	Content-aware caching and traffic management in content distribution networks. , 2011, , .		43
35	Queueing Analysis of a Butterfly Network for Comparing Network Coding to Classical Routing. IEEE Transactions on Information Theory, 2010, 56, 1890-1908.	2.4	24
36	On the queueing behavior of random codes over a gilbert-elliott erasure channel. , 2010, , .		4

#	ARTICLE	IF	CITATIONS
37	Value-aware Resource Allocation for Service Guarantees in Networks. , 2010, , .		5
38	Code rate, queueing behavior and the correlated erasure channel. , 2010, , .		3
39	Queueing analysis of a butterfly network. , 2008, , .		5
40	Resource Allocation and Quality of Service Evaluation for Wireless Communication Systems Using Fluid Models. IEEE Transactions on Information Theory, 2007, 53, 1767-1777.	2.4	92
41	Quality of Service Analysis for Wireless User-Cooperation Networks. IEEE Transactions on Information Theory, 2007, 53, 3833-3842.	2.4	46
42	A subcarrier allocation algorithm for OFDMA using buffer and channel state information. , 0, , .		42