

Mayank Bakshi

List of Publications by Year in descending order

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39
papers

583
citations

1684188

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1474206

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39
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docs citations

39
times ranked

346
citing authors

#	ARTICLE	IF	CITATIONS
1	An accurate and practical algorithm for internet traffic recovery problem. Neurocomputing, 2022, 467, 203-213.	5.9	1
2	An Algorithm for Matrix Recovery of High-loss-rate Network Traffic Data. Applied Mathematical Modelling, 2021, 96, 645-656.	4.2	3
3	Covert Communication Over Adversarially Jammed Channels. IEEE Transactions on Information Theory, 2021, 67, 6096-6121.	2.4	7
4	Triple Decomposition and Tensor Recovery of Third Order Tensors. SIAM Journal on Matrix Analysis and Applications, 2021, 42, 299-329.	1.4	10
5	Covert Communication With Polynomial Computational Complexity. IEEE Transactions on Information Theory, 2020, 66, 1354-1384.	2.4	9
6	Stealthy Communication Over Adversarially Jammed Multipath Networks. IEEE Transactions on Communications, 2020, 68, 7473-7484.	7.8	6
7	Undetectable Radios: Covert Communication under Spectral Mask Constraints. , 2019, , .		12
8	Covert Communication over Adversarially Jammed Channels. , 2018, , .		11
9	Multipath Stealth Communication with Jammers. , 2018, , .		6
10	Plausible Deniability Over Broadcast Channels. IEEE Transactions on Information Theory, 2018, 64, 7883-7902.	2.4	2
11	Efficient Algorithms for Noisy Group Testing. IEEE Transactions on Information Theory, 2017, 63, 2113-2136.	2.4	38
12	Computationally efficient deniable communication. , 2016, , .		14
13	Fundamental limits and achievable strategies for low energy compressed sensing with applications in wireless communication. , 2016, , .		2
14	Arbitrarily varying networks: Capacity-achieving computationally efficient codes. , 2016, , .		5
15	Plausible deniability over broadcast channels. , 2016, , .		1
16	SHO-FA: Robust Compressive Sensing With Order-Optimal Complexity, Measurements, and Bits. IEEE Transactions on Information Theory, 2016, 62, 7419-7444.	2.4	4
17	Coding against a limited-view adversary: The effect of causality and feedback. , 2015, , .		9
18	Reliable and secure communication over adversarial multipath networks: A survey. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
19	Talking reliably, secretly, and efficiently: A complete characterization. , 2015, , .		6
20	Reliable deniable communication with channel uncertainty. , 2014, , .		56
21	FRANTIC: A Fast Reference-based Algorithm for Network Tomography via compressive sensing. , 2014, , .		0
22	SUPER: Sparse signals with unknown phases efficiently recovered. , 2014, , .		12
23	Reliable, deniable and hidable communication: A quick survey. , 2014, , .		14
24	Reliable, deniable and hidable communication. , 2014, , .		21
25	Reliable, deniable, and hidable communication over multipath networks. , 2014, , .		14
26	Design space exploration of Through Silicon Vias for high-speed, low loss vertical links. , 2014, , .		4
27	GROTESQUE: Noisy Group Testing (Quick and Efficient). , 2013, , .		9
28	On AVCs with quadratic constraints. , 2013, , .		6
29	Reliable deniable communication: Hiding messages in noise. , 2013, , .		200
30	On network coding capacity under on-off scheduling. , 2012, , .		4
31	SHO-FA: Robust compressive sensing with order-optimal complexity, measurements, and bits. , 2012, , .		14
32	Network Coding and Data Compression. , 2012, , 217-234.		0
33	On equivalence for networks of noisy channels under byzantine attacks. , 2011, , .		2
34	On zero-error source coding with feedback. , 2010, , .		2
35	Concatenated Polar codes. , 2010, , .		43
36	On feedback in network source coding. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
37	On achievable rates for multicast in the presence of side information. , 2008, , .		14
38	A continuity theory for lossless source coding over networks. , 2008, , .		8
39	On Network Coding of Independent and Dependent Sources in Line Networks. , 2007, , .		9