

Lakshmi P Natarajan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32
papers

167
citations

6
h-index

11
g-index

48
ext. papers

211
ext. citations

4.2
avg, IF

3.16
L-index

#	Paper	IF	Citations
32	Surface morphology of electrospun PLA fibers: mechanisms of pore formation. <i>RSC Advances</i> , 2014 , 4, 44082-44088	3.7	48
31	. <i>IEEE Transactions on Information Theory</i> , 2015 , 61, 6505-6525	2.8	19
30	Index Codes for the Gaussian Broadcast Channel Using Quadrature Amplitude Modulation. <i>IEEE Communications Letters</i> , 2015 , 19, 1291-1294	3.8	12
29	Full-Rate Full-Diversity Finite Feedback Space-Time Schemes with Minimum Feedback and Transmission Duration. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 5022-5034	9.6	7
28	An Adaptive Conditional Zero-Forcing Decoder With Full-Diversity, Least Complexity and Essentially-ML Performance for STBCs. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 253-263	4.8	6
27	2010 ,		6
26	2011 ,		6
25	2011 ,		6
24	MIMO Codes for Uniform Illumination Across Space and Time in VLC With Dimming Control. <i>IEEE Photonics Journal</i> , 2019 , 11, 1-21	1.8	4
23	Generalized Distributive Law for ML Decoding of Space-Time Block Codes. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 2914-2935	2.8	4
22	Capacity of coded index modulation 2015 ,		4
21	Collocated and Distributed STBCs with Partial Interference Cancellation Decoding, Part II: Code Construction. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 3042-3052	9.6	4
20	Collocated and Distributed STBCs with Partial Interference Cancellation Decoding, Part I: Full-Diversity Criterion. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 3032-3041	9.6	4
19	. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 609-613	5.9	4
18	Asymptotically-Good, Multigroup Decodable Space-Time Block Codes. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 5035-5047	9.6	3
17	A new full-diversity criterion and low-complexity STBCs with Partial Interference Cancellation decoding 2010 ,		3
16	Fast-group-decodable STBCs via codes over GF(4) 2010 ,		3

15	Lattice index coding for the broadcast channel 2015 ,		2
14	New error correcting codes for informed receivers 2016 ,		2
13	. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 7950-7971	2.8	2
12	On Locally Decodable Index Codes 2018 ,		2
11	. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 142-158	2.8	1
10	On the Sphere Decoding Complexity of High-Rate Multigroup Decodable STBCs in Asymmetric MIMO Systems. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 5959-5965	2.8	1
9	. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 5134-5147	6.8	1
8	. <i>IEEE Transactions on Information Theory</i> , 2020 , 66, 7387-7407	2.8	1
7	Improving Generalized Spatial Modulation Using Translation Patterns. <i>IEEE Communications Letters</i> , 2020 , 24, 2814-2818	3.8	1
6	Linear Codes for Broadcasting With Noisy Side Information. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 4207-4226	2.8	1
5	Linear Codes for Broadcasting with Noisy Side Information: Bounds and Code Constructions 2018 ,		1
4	. <i>IEEE Transactions on Information Theory</i> , 2018 , 64, 1481-1496	2.8	1
3	Memory-Based Codes for Uniform Illumination in MIMO VLC. <i>IEEE Photonics Journal</i> , 2020 , 12, 1-15	1.8	
2	Permute & Add Network Codes via Group Algebras. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	
1	Blind Updates in Coded Caching. <i>IEEE Journal on Selected Areas in Information Theory</i> , 2021 , 2, 1253-1265.	5.5	