Vamsi K Amalladinne

List of Publications by Year
in descending order

14 papers	300 citations	1684188 5 h-index	2053705 5 g-index
14 all docs	14 docs citations	14 times ranked	100 citing authors

#	Article	IF	Citations
1	A Coded Compressed Sensing Scheme for Unsourced Multiple Access. IEEE Transactions on Information Theory, 2020, 66, 6509-6533.	2.4	98
2	A Joint Graph Based Coding Scheme for the Unsourced Random Access Gaussian Channel. , 2019, , .		44
3	A Coupled Compressive Sensing Scheme for Unsourced Multiple Access. , 2018, , .		35
4	Unsourced Random Access With Coded Compressed Sensing: Integrating AMP and Belief Propagation. IEEE Transactions on Information Theory, 2022, 68, 2384-2409.	2.4	29
5	Asynchronous Neighbor Discovery Using Coupled Compressive Sensing. , 2019, , .		21
6	LDPC Codes with Soft Interference Cancellation for Uncoordinated Unsourced Multiple Access. , 2021, , .		19
7	An Enhanced Decoding Algorithm for Coded Compressed Sensing. , 2020, , .		11
8	Coded Demixing for Unsourced Random Access. IEEE Transactions on Signal Processing, 2022, 70, 2972-2984.	5.3	9
9	Sparse IDMA: A Joint Graph-Based Coding Scheme for Unsourced Random Access. IEEE Transactions on Communications, 2022, 70, 7124-7133.	7.8	8
10	An Enhanced Decoding Algorithm for Coded Compressed Sensing with Applications to Unsourced Random Access. Sensors, 2022, 22, 676.	3.8	7
11	Approximate Support Recovery using Codes for Unsourced Multiple Access. , 2021, , .		6
12	A Hybrid Approach to Coded Compressed Sensing Where Coupling Takes Place Via the Outer Code. , 2021, , .		5
13	Stochastic Binning and Coded Demixing for Unsourced Random Access. , 2021, , .		5
14	Multi-Class Unsourced Random Access via Coded Demixing. , 2021, , .		3