

Han Zhang

List of Publications by Year in descending order

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21
papers

197
citations

1163117

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all docs

21
docs citations

21
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning for Signal Demodulation in Physical Layer Wireless Communications: Prototype Platform, Open Dataset, and Analytics. IEEE Access, 2019, 7, 30792-30801.	4.2	43
2	Signal Demodulation With Machine Learning Methods for Physical Layer Visible Light Communications: Prototype Platform, Open Dataset, and Algorithms. IEEE Access, 2019, 7, 30588-30598.	4.2	37
3	Measuring Sparsity of Wireless Channels. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 133-144.	7.9	20
4	Covert Beamforming Design for Intelligent-Reflecting-Surface-Assisted IoT Networks. IEEE Internet of Things Journal, 2022, 9, 5489-5501.	8.7	15
5	Multi-Antenna Channel Interpolation via Tucker Decomposed Extreme Learning Machine. IEEE Transactions on Vehicular Technology, 2019, 68, 7160-7163.	6.3	13
6	Design of Noncoherent Communications: From Statistical Method to Machine Learning. IEEE Wireless Communications, 2020, 27, 76-83.	9.0	10
7	Energy Efficiency of Two-Way Communications Under Various Duplex Modes. IEEE Internet of Things Journal, 2021, 8, 1921-1933.	8.7	10
8	Noncoherent Energy-Modulated Massive SIMO in Multipath Channels: A Machine Learning Approach. IEEE Internet of Things Journal, 2020, 7, 8263-8270.	8.7	9
9	Data Driven Automatic Modulation Classification via Dictionary Learning. IEEE Wireless Communications Letters, 2018, 7, 586-589.	5.0	8
10	Nonorthogonal Multiple Access for Visible Light Communication IoT Networks. Wireless Communications and Mobile Computing, 2020, 2020, 1-10.	1.2	7
11	Feature selection with interactions in logistic regression models using multivariate synergies for a GWAS application. BMC Genomics, 2018, 19, 170.	2.8	5
12	Tensor-based Spectral Analysis of Cascading Failures over Multilayer Complex Systems. , 2018, , .		4
13	Compressed Multiple Random Access with Energy Modulation. , 2020, , .		4
14	Compressed Random Access for Noncoherent Massive Machine-Type Communications With Energy Modulation. IEEE Transactions on Wireless Communications, 2022, 21, 5175-5190.	9.2	3
15	Noncoherent Massive Random Access for Inhomogeneous Networks: From Message Passing to Deep Learning. IEEE Journal on Selected Areas in Communications, 2022, 40, 1457-1472.	14.0	3
16	Design of DBN based Demodulator in Underwater Wireless Optical Communications. , 2020, , .		2
17	Multicast Transmissions With Full-Duplex Amplify-and-Forward User Cooperation. IEEE Access, 2020, 8, 182801-182814.	4.2	2
18	Feature Selection with Interactions in Logistic Regression Models using Multivariate Synergies for a GWAS Application. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Design of Energy Modulation Massive SIMO Transceivers via Machine Learning. , 2020, , .		1
20	Automatic Modulation Classification with Gaussian Distributed Frequency Offset. , 2018, , .		0
21	A Novel Sparse Extreme Learning Machine based Classifier. , 2018, , .		0