

Berna Ozbek

List of Publications by Year in descending order

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79
papers

263
citations

1307594
7
h-index

1281871
11
g-index

81
all docs

81
docs citations

81
times ranked

283
citing authors

#	ARTICLE	IF	CITATIONS
1	Key Error Rates in Physical Layer Key Generation: Theoretical Analysis and Measurement-Based Verification. IEEE Wireless Communications Letters, 2017, 6, 766-769.	5.0	22
2	Multi-Helper NOMA for Cooperative Mobile Edge Computing. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9819-9828.	8.0	15
3	Energy aware routing and traffic management for software defined networks. , 2016, , .		14
4	Resource Allocation for Underlying Device-to-Device Communications Using Maximal Independent Sets and Knapsack Algorithm. , 2018, , .		13
5	Energy Efficient Resource Allocation for Underlying Multi-D2D Enabled Multiple-Antennas Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 6189-6199.	6.3	11
6	Dynamic Shared Spectrum Allocation for Underlying Device-to-Device Communications. IEEE Wireless Communications, 2017, 24, 88-93.	9.0	10
7	User Selection for NOMA-Based MIMO With Physical-Layer Network Coding in Internet of Things Applications. IEEE Internet of Things Journal, 2022, 9, 14998-15006.	8.7	9
8	Adaptive Resource Allocation for Multicast OFDM Systems with Multiple Transmit Antennas. , 2006, , .		8
9	Performance evaluation of multicast MISO-OFDM systems. Annales Des Telecommunications/Annals of Telecommunications, 2008, 63, 295-305.	2.5	7
10	Spectrum sensing based on energy detection for Cognitive Radio systems with multiple antennas. , 2009, , .		7
11	Adaptive limited feedback for intercell interference cancelation in cooperative downlink multicell networks. , 2010, , .		7
12	Radio resource management for user-relay assisted OFDMA-based wireless networks. AEU - International Journal of Electronics and Communications, 2016, 70, 643-651.	2.9	7
13	Radio Resource Management for OFDMA-Based Mobile Relay Enhanced Heterogenous Cellular Networks. , 2013, , .		6
14	On precoding MIMO-FBMC with imperfect channel state information at the transmitter. , 2014, , .		6
15	Adaptive limited feedback links for cooperative multi-antenna multicell networks. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	6
16	Traffic aware cell selection algorithm for Tetra Trunk based professional mobile radio. Telecommunication Systems, 2019, 72, 1-10.	2.5	6
17	User Selection for Millimeter Wave Non-Uniform Full Dimensional MIMO. IEEE Access, 2020, 8, 192797-192807.	4.2	6
18	Hierarchical successive stream selection for heterogeneous network interference. , 2014, , .		5

#	ARTICLE	IF	CITATIONS
19	Adaptive Reduced Feedback Links for Distributed Power Allocation in Multicell MISO-OFDMA Networks. IEEE Wireless Communications Letters, 2014, 3, 141-144.	5.0	5
20	Coverage Analysis of Physical Layer Network Coding in Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 1480-1487.	6.3	4
21	Feedback Strategies for Multicell Systems. , 2014, , 249-293.		4
22	Low complexity ZF receiver for orthogonal SFBC-OFDM in broadband wireless channels. Electronics Letters, 2006, 42, 479.	1.0	3
23	Performance of semi-orthogonal user selection for multiuser MISO systems. , 2008, , .		3
24	Iterative EM-Based Channel Estimation for STBC-OFDM. , 2009, , .		3
25	Reduced feedback links for power minimization in distributed multicell OFDMA networks. , 2012, , .		3
26	Improved successive stream selection with quantized channel in heterogeneous networks. , 2015, , .		3
27	Joint Beamforming and Power Control Technique for Femtocell Networks. Wireless Personal Communications, 2017, 95, 4903-4916.	2.7	3
28	Space-frequency grouping based key extraction for MIMO-OFDM systems. , 2017, , .		3
29	Channel and queue aware joint relay selection and resource allocation for MISO-OFDMA based user-relay assisted cellular networks. Telecommunication Systems, 2018, 67, 619-633.	2.5	3
30	Secure multiuser MIMO communication systems with imperfect channel state information. Physical Communication, 2019, 37, 100863.	2.1	3
31	Hybrid Beamforming for Secure Multiuser mmWave MIMO Communications. , 2020, , .		3
32	Compressive Sensing based Low Complexity User Selection for Massive MIMO Systems. , 2020, , .		3
33	The Resilience of Massive MIMO PNC to Jamming Attacks in Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4110-4117.	8.0	3
34	Design and Implementation of Spatial Correlation-Based Clustering for Multiuser MISO-NOMA Systems. IEEE Communications Letters, 2021, 25, 254-258.	4.1	3
35	Sum-rate maximized adaptive subcarrier and bit allocation for multiuser OFDM systems with genetic algorithm. , 2008, , .		2
36	Adaptive resource allocation for SDMA-OFDMA systems with genetic algorithm. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
37	Fairness aware resource allocation for downlink MISO-OFDMA systems. , 2012, , .		2
38	Reduced feedback load using user selection algorithms for the multiuser multi-input single-output systems. Transactions on Emerging Telecommunications Technologies, 2013, 24, 809-819.	3.9	2
39	Sum capacity maximization in distributed multicell MISO-OFDMA systems with reduced feedback links. , 2014, , .		2
40	Load based cell selection algorithm for Tetra based professional mobile radio. , 2016, , .		2
41	Load based cell selection algorithm for Digital Mobile Radio. , 2016, , .		2
42	Cell selection algorithm performance for Tetra trunk. , 2016, , .		2
43	Joint Routing and Resource Allocation for Software Defined Mobile Networks. , 2019, , .		2
44	Hybrid beamforming strategies for secure multicell multiuser mmWave MIMO communications. Physical Communication, 2021, 46, 101319.	2.1	2
45	A Novel Joint Index Modulation and Physical Layer Network Coding Mechanism for Beyond 5G. IEEE Communications Standards Magazine, 2021, 5, 100-105.	4.9	2
46	Adaptive bit partitioning strategy for cell-edge users in multi-antenna multicell networks. , 2011, , .		1
47	Effect Of mobile relays on the OFDMA-based cellular network performance. , 2014, , .		1
48	Implementation of pre-FFT beamforming in MIMO-OFDM. , 2015, , .		1
49	Resource allocation for user-relay assisted MISO-OFDMA networks. , 2015, , .		1
50	Performance of secure multiuser MISO systems with threshold based user selection. , 2016, , .		1
51	On stream selection for interference alignment in heterogeneous networks. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, , .	2.4	1
52	Secure multiuser MISO communication systems with quantized feedback. , 2016, , .		1
53	Secure multiuser MISO communication systems with limited feedback link. Annales Des Telecommunications/Annals of Telecommunications, 2018, 73, 381-390.	2.5	1
54	Spatial signature for secure MISO-OFDM systems. Electronics Letters, 2018, 54, 601-603.	1.0	1

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55	Interference-based Clustering for MIMO D2D Underlay Communications. , 2018, , .		1
56	Message-Passing Algorithm for Sum-rate Maximization in Multi-antenna Underlay D2D Communications. , 2018, , .		1
57	Beam and User Selection Technique in Millimeter Wave Communications. , 2020, , .		1
58	Deep learning based adaptive bit allocation for heterogeneous interference channels. Physical Communication, 2021, 47, 101364.	2.1	1
59	Performance of Pilot-Based EM Channel Estimation for OFDM Systems. , 2007, , .		0
60	Semi-orthogonal user selection for MISO systems with quantized feedback. , 2008, , .		0
61	Pilot-based iterative channel estimation for OFDM systems. , 2008, , .		0
62	Performance of EM-based channel estimation for STBC-OFDM systems. , 2009, , .		0
63	Transmit beamforming techniques for multicast wireless communication systems. , 2009, , .		0
64	Adaptive reduced feedback for fair user scheduling in MISO-OFDMA systems. , 2012, , .		0
65	Performance of cell selection algorithms in wireless networks. , 2012, , .		0
66	Energy-efficient resource allocation for multiuser OFDM wireless networks. , 2015, , .		0
67	Adaptive limited feedback scheme for stream selection based interference alignment in heterogeneous networks. , 2016, , .		0
68	Verification of channel reciprocity implementation in software defined radios. , 2016, , .		0
69	Performance of cell selection algorithms for APCO25. , 2016, , .		0
70	Reduced feedback link design for device-to-relaying enhanced multiple-input single-output orthogonal frequency-division multiple access wireless systems. Electronics Letters, 2016, 52, 403-404.	1.0	0
71	Flow based power efficient routing for software defined networks. , 2016, , .		0
72	On stream selection for interference alignment with limited feedback in heterogeneous networks. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1461-1471.	3.9	0

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73	Distance based selection for user-relaying in OFDMA-based wireless networks. , 2016, , .		0
74	Adaptive limited feedback scheme for stream selection based interference alignment in heterogeneous networks. , 2016, , .		0
75	Performance of limited feedback secure MISO systems in temporally correlated channels. , 2017, , .		0
76	Interference management for multiuser multiantenna OFDMA underlaying device-to-device communications. , 2017, , .		0
77	User-relay assisted cellular networks with multiple antennas. International Journal of Electronics, 2019, 106, 1029-1040.	1.4	0
78	Traffic loadâ€‘based cell selection for APCO25 conventionalâ€‘based professional mobile radio. Annales Des Telecommunications/Annals of Telecommunications, 2020, 75, 77-88.	2.5	0
79	Limited Feedback Design for Massive Full Dimension MIMO Systems. , 2022, , .		0