

Khalid A Qaraqe

List of Publications by Year in descending order

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413
papers

5,828
citations

136740

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143772

57
g-index

423
all docs

423
docs citations

423
times ranked

4597
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Approach for Time Synchronization in Wireless Sensor Networks: Pairwise Broadcast Synchronization. IEEE Transactions on Wireless Communications, 2008, 7, 3318-3322.	6.1	193
2	Energy Efficient Resource Allocation for Mixed RF/VLC Heterogeneous Wireless Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 883-893.	9.7	158
3	Terahertz Channel Characterization Inside the Human Skin for Nano-Scale Body-Centric Networks. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 427-434.	2.0	131
4	A Survey on Green Mobile Networking: From The Perspectives of Network Operators and Mobile Users. IEEE Communications Surveys and Tutorials, 2015, 17, 1535-1556.	24.8	129
5	Secrecy Outage Performance of Transmit Antenna Selection for MIMO Underlay Cognitive Radio Systems Over Nakagami- m Channels. IEEE Transactions on Vehicular Technology, 2017, 66, 2237-2250.	3.9	120
6	Outage Analysis for Underlay Cognitive Networks Using Incremental Regenerative Relaying. IEEE Transactions on Vehicular Technology, 2013, 62, 721-734.	3.9	117
7	On Secure Underlay MIMO Cognitive Radio Networks With Energy Harvesting and Transmit Antenna Selection. IEEE Transactions on Green Communications and Networking, 2017, 1, 192-203.	3.5	106
8	On Maximum Likelihood Estimation of Clock Offset and Skew in Networks With Exponential Delays. IEEE Transactions on Signal Processing, 2008, 56, 1685-1697.	3.2	103
9	Performance Analysis of Physical Layer Security Over Generalized- α Fading Channels Using a Mixture Gamma Distribution. IEEE Communications Letters, 2016, 20, 408-411.	2.5	100
10	An Efficient Planning Algorithm for Hybrid Remote Microgrids. IEEE Transactions on Sustainable Energy, 2019, 10, 257-267.	5.9	97
11	Ultrawideband Band-Notched Flexible Antenna for Wearable Applications. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1606-1609.	2.4	94
12	Joint Planning of Smart EV Charging Stations and DGs in Eco-Friendly Remote Hybrid Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 5819-5830.	6.2	94
13	Nano-Communication for Biomedical Applications: A Review on the State-of-the-Art From Physical Layers to Novel Networking Concepts. IEEE Access, 2016, 4, 3920-3935.	2.6	84
14	Effect of eddy diffusivity ratio on underwater optical scintillation index. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2017, 34, 1969.	0.8	83
15	On Physical-Layer Security Over SIMO Generalized- α Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 7780-7785.	3.9	79
16	A survey on energy trading in smart grid. , 2014, , .		73
17	Advances in Body-Centric Wireless Communication: Applications and state-of-the-art. , 2016, , .		73
18	On Secrecy Outage of Relay Selection in Underlay Cognitive Radio Networks Over Nakagami- m Fading Channels. IEEE Transactions on Cognitive Communications and Networking, 2017, 3, 614-627.	4.9	71

#	ARTICLE	IF	CITATIONS
19	Capacity Planning Frameworks for Electric Vehicle Charging Stations With Multiclass Customers. IEEE Transactions on Smart Grid, 2015, 6, 1934-1943.	6.2	69
20	Secrecy Outage Performance for SIMO Underlay Cognitive Radio Systems With Generalized Selection Combining Over Nakagami- m Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 10126-10132.	3.9	69
21	A Stochastic Sizing Approach for Sharing-Based Energy Storage Applications. IEEE Transactions on Smart Grid, 2017, 8, 1075-1084.	6.2	67
22	Performance Analysis of Amplify-and-Forward Two-Way Relaying with Co-Channel Interference and Channel Estimation Error. IEEE Transactions on Communications, 2013, 61, 2221-2231.	4.9	65
23	Exact Performance Analysis of MIMO Cognitive Radio Systems Using Transmit Antenna Selection. IEEE Journal on Selected Areas in Communications, 2014, 32, 425-438.	9.7	63
24	Spatio-Temporal Coordinated V2V Energy Swapping Strategy for Mobile PEVs. IEEE Transactions on Smart Grid, 2018, 9, 1566-1579.	6.2	62
25	Reconfigurable Antenna-Based Space-Shift Keying (SSK) for MIMO Rician Channels. IEEE Transactions on Wireless Communications, 2016, 15, 446-457.	6.1	57
26	Green heterogeneous small-cell networks: toward reducing the CO ₂ emissions of mobile communications industry using uplink power adaptation. , 2013, 51, 52-61.		54
27	An adaptive threshold method for spectrum sensing in multi-channel cognitive radio networks. , 2010, , .		52
28	Gaussian Assumption: The Least Favorable but the Most Useful [Lecture Notes]. IEEE Signal Processing Magazine, 2013, 30, 183-186.	4.6	51
29	Performance Analysis of Single-Photon Avalanche Diode Underwater VLC System Using ARQ. IEEE Photonics Journal, 2017, 9, 1-11.	1.0	43
30	Single photon avalanche diode (SPAD) VLC system and application to downhole monitoring. , 2014, , .		41
31	Analytical modelling of the effect of noise on the terahertz in-vivo communication channel for body-centric nano-networks. Nano Communication Networks, 2018, 15, 59-68.	1.6	41
32	Hybrid RF/VLC Systems: A Comprehensive Survey on Network Topologies, Performance Analyses, Applications, and Future Directions. IEEE Access, 2021, 9, 160402-160436.	2.6	41
33	Cooperative In-Vivo Nano-Network Communication at Terahertz Frequencies. IEEE Access, 2017, 5, 8642-8647.	2.6	40
34	Deep Recurrent Electricity Theft Detection in AMI Networks with Random Tuning of Hyper-parameters. , 2018, , .		40
35	Uplink Decentralized Joint Bandwidth and Power Allocation for Energy-Efficient Operation in a Heterogeneous Wireless Medium. IEEE Transactions on Communications, 2015, 63, 1483-1495.	4.9	39
36	Performance Evaluation of LOS and NLOS Vertical Inhomogeneous Links in Underwater Visible Light Communications. IEEE Access, 2018, 6, 22408-22420.	2.6	36

#	ARTICLE	IF	CITATIONS
37	Reactive relay selection in underlay cognitive networks with fixed gain relays. , 2012, , .		35
38	Performance Analysis of a Power Limited Spectrum Sharing System With TAS/MRC. IEEE Transactions on Signal Processing, 2014, 62, 954-967.	3.2	34
39	Physical-Layer Security With Full-Duplex Transceivers and Multiuser Receiver at Eve. IEEE Transactions on Communications, 2017, 65, 4392-4405.	4.9	33
40	Anatomical Region-Specific In Vivo Wireless Communication Channel Characterization. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1254-1262.	3.9	33
41	Empirical results for wideband multidimensional spectrum usage. , 2009, , .		32
42	On the Performance of Spectrum Sharing Systems with Two-Way Relaying and Multiuser Diversity. IEEE Communications Letters, 2012, 16, 1240-1243.	2.5	32
43	Experimental Evaluation of OFDM-Based Underwater Visible Light Communication System. IEEE Photonics Journal, 2018, 10, 1-13.	1.0	32
44	Technologies and Solutions for Location-Based Services in Smart Cities: Past, Present, and Future. IEEE Access, 2018, 6, 22240-22248.	2.6	31
45	Q-Learning Based Two-Timescale Power Allocation for Multi-Homing Hybrid RF/VLC Networks. IEEE Wireless Communications Letters, 2020, 9, 443-447.	3.2	31
46	A Fast Method for Estimating Frequencies of Multiple Sinusoidals. IEEE Signal Processing Letters, 2020, 27, 386-390.	2.1	31
47	A performance study of two hop transmission in mixed underlay RF and FSO fading channels. , 2014, , .		30
48	THz Time-Domain Spectroscopy of Human Skin Tissue for In-Body Nanonetworks. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 803-809.	2.0	30
49	Secure communication for FSO links in the presence of eavesdropper with generic location and orientation. Optics Express, 2019, 27, 34211.	1.7	30
50	Performance analysis of selective cooperation in underlay cognitive networks over Rayleigh channels. , 2011, , .		29
51	Outage performance analysis of underlay cognitive RF and FSO wireless channels. , 2014, , .		29
52	Indoor channel modelling and characterization for visible light communications. , 2014, , .		29
53	IM-OFDMA: A Novel Spectral Efficient Uplink Multiple Access Based on Index Modulation. IEEE Transactions on Vehicular Technology, 2019, 68, 10315-10319.	3.9	29
54	Some improved and generalized estimation schemes for clock synchronization of listening nodes in wireless sensor networks. IEEE Transactions on Communications, 2010, 58, 63-67.	4.9	28

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55	Expanding cellular coverage via cell-edge deployment in heterogeneous networks: spectral efficiency and backhaul power consumption perspectives. , 2014, 52, 140-149.		28
56	Spatial and temporal online charging/discharging coordination for mobile PEVs. IEEE Wireless Communications, 2015, 22, 112-121.	6.6	28
57	Physical Layer Authentication in Nano Networks at Terahertz Frequencies for Biomedical Applications. IEEE Access, 2017, 5, 7808-7815.	2.6	28
58	Efficient detection of electricity theft cyber attacks in AMI networks. , 2018, , .		28
59	Impulse Response Modeling of Underwater Optical Scattering Channels for Wireless Communication. IEEE Photonics Journal, 2020, 12, 1-14.	1.0	28
60	On Minimum Variance Unbiased Estimation of Clock Offset in a Two-Way Message Exchange Mechanism. IEEE Transactions on Information Theory, 2010, 56, 2893-2904.	1.5	27
61	Partial Relay Selection in Underlay Cognitive Networks with Fixed Gain Relays. , 2012, , .		27
62	Ray tracing based channel modeling for visible light communications. , 2014, , .		27
63	The Cognitive Internet of Things: A Unified Perspective. Mobile Networks and Applications, 2015, 20, 72-85.	2.2	27
64	Energy Efficient Optimization of Base Station Intensities for Hybrid RF/VLC Networks. IEEE Transactions on Wireless Communications, 2019, 18, 4171-4183.	6.1	27
65	Random Subcarrier Allocation in OFDM-Based Cognitive Radio Networks. IEEE Transactions on Signal Processing, 2012, 60, 4758-4774.	3.2	26
66	Achievable Rate-Region of VLC/RF Communications with an Energy Harvesting Relay. , 2017, , .		26
67	A robust estimation scheme for clock phase offsets in wireless sensor networks in the presence of non-Gaussian random delays. Signal Processing, 2009, 89, 1155-1161.	2.1	25
68	Best relay selection using SNR and interference quotient for underlay cognitive networks. , 2012, , .		25
69	A semi-distributed V2V fast charging strategy based on price control. , 2014, , .		25
70	Coordinated Interference Management for Visible Light Communication Systems. Journal of Optical Communications and Networking, 2015, 7, 1098.	3.3	25
71	Spectrum Sensing and Signal Identification With Deep Learning Based on Spectral Correlation Function. IEEE Transactions on Vehicular Technology, 2021, 70, 10514-10527.	3.9	25
72	Queue performance measures for cognitive radios in spectrum sharing systems. , 2011, , .		24

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73	Channel capacity analysis of a mixed dual-hop radio-frequency-free space optical transmission system with MÃ;laga distribution. IET Communications, 2016, 10, 2119-2124.	1.5	24
74	Magnesium-Based Bioresorbable Stent Materials: Review of Reviews. Journal of Bio- and Tribo-Corrosion, 2019, 5, 1.	1.2	24
75	Secrecy Outage Analysis for SIMO Underlay Cognitive Radio Networks over Generalized-K Fading Channels. IEEE Signal Processing Letters, 2016, , 1-1.	2.1	23
76	Analytical Characterisation of the Terahertz In-Vivo Nano-Network in the Presence of Interference Based on TS-OOK Communication Scheme. IEEE Access, 2017, 5, 10172-10181.	2.6	23
77	Characterization and Water Content Estimation Method of Living Plant Leaves Using Terahertz Waves. Applied Sciences (Switzerland), 2019, 9, 2781.	1.3	23
78	An autoregressive approach for spectrum occupancy modeling and prediction based on synchronous measurements. , 2011, , .		22
79	Adaptive Spatial Modulation for Spectrum Sharing Systems With Limited Feedback. IEEE Transactions on Communications, 2015, 63, 2001-2014.	4.9	22
80	Predicting Diabetes in Healthy Population through Machine Learning. , 2019, , .		22
81	Extension of Pairwise Broadcast Clock Synchronization for Multicluster Sensor Networks. Eurasip Journal on Advances in Signal Processing, 2007, 2008, .	1.0	21
82	Performance Analysis of Two-Way Relaying Networks with the N<sup>t>h<sup>t> Worst Relay Selection Over Various Fading Channels. IEEE Transactions on Vehicular Technology, 2014, , 1-1.	3.9	21
83	In Vivo Communications: Steps Toward the Next Generation of Implantable Devices. IEEE Vehicular Technology Magazine, 2016, 11, 32-42.	2.8	21
84	Quadrature Index Modulation Based Multiple Access Scheme for 5G and Beyond. IEEE Communications Letters, 2019, 23, 2257-2261.	2.5	21
85	Robust Clock Synchronization in Wireless Sensor Networks Through Noise Density Estimation. IEEE Transactions on Signal Processing, 2011, 59, 3035-3047.	3.2	20
86	A pricing-based load shifting framework for EV fast charging stations. , 2014, , .		20
87	Statistical wireless channel propagation characteristics in underground mines at 900MHz: A comparative analysis with indoor channels. Ad Hoc Networks, 2013, 11, 1472-1483.	3.4	19
88	Hybrid radio-visible light downlink performance in RF sensitive indoor environments. , 2014, , .		19
89	Modelling of the terahertz communication channel for in-vivo nano-networks in the presence of noise. , 2016, , .		19
90	Deep Learning-Based Detection of Electricity Theft Cyber-Attacks in Smart Grid AMI Networks. Advanced Sciences and Technologies for Security Applications, 2019, , 73-102.	0.4	19

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91	Handoff Triggering and Network Selection Algorithms for Load-Balancing Handoff in CDMA-WLAN Integrated Networks. Eurasip Journal on Wireless Communications and Networking, 2008, 2008, .	1.5	18
92	Optimal planning of fast PEV charging facilities. , 2015, , .		18
93	Adaptive Discrete Rate and Power Transmission for Spectrum Sharing Systems. IEEE Transactions on Wireless Communications, 2012, 11, 1283-1289.	6.1	17
94	On the Impact of PLC Backhauling in Multi-User Hybrid VLC/RF Communication Systems. , 2016, , .		17
95	Reconfigurable Antenna-Based Space-Shift Keying for Spectrum Sharing Systems Under Rician Fading. IEEE Transactions on Communications, 2016, 64, 3970-3980.	4.9	17
96	Time-Delay Estimation in Dispersed Spectrum Cognitive Radio Systems. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	16
97	On the Achievable Rate of a Hybrid PLC/VLC/RF Communication System. , 2015, , .		16
98	From D2D to Ds2D: Prolonging the Battery Life of Mobile Devices via Ds2D Communications. IEEE Wireless Communications, 2017, 24, 55-63.	6.6	16
99	Energy Efficient Cooperation in Underlay RFID Cognitive Networks for a Water Smart Home. Sensors, 2014, 14, 18353-18369.	2.1	15
100	Fibroblasts cell number density based human skin characterization at THz for in-body nanonetworks. Nano Communication Networks, 2016, 10, 60-67.	1.6	15
101	Analysing self interference cancellation in full duplex radios. , 2016, , .		15
102	Joint User Association and Data-Rate Allocation in Heterogeneous Wireless Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7403-7414.	3.9	15
103	Enhancing Secrecy Capacity in FSO Links via MISO Systems Through Turbulence-Induced Fading Channels With Misalignment Errors. IEEE Photonics Journal, 2020, 12, 1-13.	1.0	15
104	Soft handover overhead reduction by RAKE reception with finger reassignment. IEEE Transactions on Communications, 2008, 56, 213-221.	4.9	14
105	Performance Analysis of Joint Diversity Combining, Adaptive Modulation, and Power Control Schemes. IEEE Transactions on Communications, 2011, 59, 106-115.	4.9	14
106	Performance analysis of fixed-gain AF dual-hop relaying systems over Nakagami-m fading channels in the presence of interference. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	1.5	14
107	Outage Analysis of Spectrum Sharing Cognitive DF Relay Networks Using Outdated CSI. IEEE Communications Letters, 2013, 17, 2272-2275.	2.5	14
108	Delay Performance of a Broadcast Spectrum Sharing Network in Nakagami- m Fading. IEEE Transactions on Vehicular Technology, 2014, 63, 1350-1364.	3.9	14

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109	Physical-layer security over generalised-K fading channels. IET Communications, 2016, 10, 2233-2237.	1.5	14
110	Performance Analysis of OTFS Under In-Phase and Quadrature Imbalance at Transmitter. IEEE Transactions on Vehicular Technology, 2021, 70, 11761-11771.	3.9	14
111	Finger Replacement Schemes for RAKE Receivers in the Soft Handover Region With Multiple Base Stations. IEEE Transactions on Vehicular Technology, 2008, 57, 2114-2122.	3.9	13
112	Achievable Capacity of a Spectrum Sharing System over Hyper Fading Channels. , 2009, , .		13
113	Visible Light Channel Modeling for Gas Pipelines. IEEE Photonics Journal, 2018, 10, 1-10.	1.0	13
114	Secure Index-Modulation Based Hybrid Free Space Optical and Millimeter Wave Links. IEEE Transactions on Vehicular Technology, 2020, 69, 6325-6332.	3.9	13
115	Finger Replacement Method for Rake Receivers in the Soft Handover Region. IEEE Transactions on Wireless Communications, 2008, 7, 1152-1156.	6.1	12
116	Relay selection in underlay cognitive networks with fixed transmission power nodes. Transactions on Emerging Telecommunications Technologies, 2013, 24, 734-747.	2.6	12
117	On the benefits of cooperation via power control in OFDM-based visible light communication systems. , 2014, , .		12
118	Ultra wideband antenna diversity characterisation for off-body communications in an indoor environment. IET Microwaves, Antennas and Propagation, 2014, 8, 1161-1169.	0.7	12
119	Spectral and energy efficiency analysis of uplink heterogeneous networks with small-cells on edge. Physical Communication, 2014, 13, 27-41.	1.2	12
120	Power allocation for downlink multi-user SC-FDMA visible light communication systems. , 2015, , .		12
121	Balanced Dynamic Planning in Green Heterogeneous Cellular Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 3299-3312.	9.7	12
122	A hybrid free space optical-millimeter wave cooperative system. Optics Communications, 2019, 453, 124400.	1.0	12
123	Generalized Imperfect D2D Associations in Spectrum-Shared Cellular Networks Under Transmit Power and Interference Constraints. IEEE Access, 2020, 8, 182517-182536.	2.6	12
124	On the Equivalence Between Stein and De Bruijn Identities. IEEE Transactions on Information Theory, 2012, 58, 7045-7067.	1.5	11
125	An Online Adaptive Cooperation Scheme for Spectrum Sensing Based on a Second-Order Statistical Method. IEEE Transactions on Vehicular Technology, 2012, 61, 675-686.	3.9	11
126	Adaptive spatial modulation for spectrally-efficient MIMO systems. , 2014, , .		11

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127	Towards Energy Efficient and Quality of Service Aware Cell Zooming in 5G Wireless Networks. , 2015, , .		11
128	Joint Subcarrier and Antenna State Selection for Cognitive Heterogeneous Networks With Reconfigurable Antennas. IEEE Transactions on Communications, 2015, 63, 4015-4025.	4.9	11
129	Collagen Analysis at Terahertz Band Using Double-Debye Parameter Extraction and Particle Swarm Optimisation. IEEE Access, 2017, 5, 27850-27856.	2.6	11
130	Probabilities of False Alarm and Detection for the First-Order Cyclostationarity Test: Application to Modulation Classification. IEEE Communications Letters, 2020, 24, 57-61.	2.5	11
131	Using Machine Learning to Predict the Future Development of Disease. , 2020, , .		11
132	Power Adaptation for Joint Switched Diversity and Adaptive Modulation Schemes in Spectrum Sharing Systems. IEEE Communications Letters, 2012, 16, 1482-1485.	2.5	10
133	Capacity limits of spectrum-sharing systems over hyper-fading channels. Wireless Communications and Mobile Computing, 2012, 12, 1471-1480.	0.8	10
134	Performance analysis of amplify-and-forward two-way relaying with co-channel interference and channel estimation error. , 2013, , .		10
135	Spectral efficiency improvements in HetNets by exploiting device-to-device communications. , 2014, , .		10
136	Privacy-aware power charging coordination in future smart grid. , 2016, , .		10
137	Cooperation Incentives and Downlink Radio Resource Allocation for Green Communications in a Heterogeneous Wireless Environment. IEEE Transactions on Vehicular Technology, 2016, 65, 1627-1638.	3.9	10
138	Angle-tolerant hybrid plasmonic filters for visible light communications. Applied Optics, 2017, 56, C106.	2.1	10
139	Performance analysis of the decode-and-forward relay-based RF-FSO communication system in the presence of pointing errors. IET Signal Processing, 2019, 13, 480-485.	0.9	10
140	Distance-Range-Oriented Constellation Design for VLC-SCMA Downlink With Signal-Dependent Noise. IEEE Communications Letters, 2019, 23, 434-437.	2.5	10
141	Classification of Fatigue Phases in Healthy and Diabetic Adults Using Wearable Sensor. Sensors, 2020, 20, 6897.	2.1	10
142	A Novel Downlink IM-NOMA Scheme. IEEE Open Journal of the Communications Society, 2021, 2, 235-244.	4.4	10
143	Finger assignment schemes for RAKE receivers with multiple-way soft handover. IEEE Transactions on Wireless Communications, 2008, 7, 495-499.	6.1	9
144	Performance Analysis of Dual-Hop AF Systems in Nakagami-m Fading Channels in the Presence of Interference. , 2011, , .		9

#	ARTICLE	IF	CITATIONS
145	Modelling of parameters of Rician fading distribution as a function of polarization parameter in reconfigurable antenna. , 2014, , .		9
146	Performance analysis of an opportunistic multi-user cognitive network with multiple primary users. Wireless Communications and Mobile Computing, 2015, 15, 2004-2019.	0.8	9
147	On balancing energy efficiency for network operators and mobile users in dynamic planning. , 2015, 53, 158-165.		9
148	Secrecy Outage Performance for Underlay MIMO CRNs with Energy Harvesting and Transmit Antenna Selection. , 2016, , .		9
149	Resource Allocation for Downlink OFDMA in Underwater Visible Light Communications. , 2019, , .		9
150	Error rate and ergodic capacity of RF-FSO system with partial relay selection in the presence of pointing errors. Optics Communications, 2019, 438, 118-125.	1.0	9
151	Precoded Index Modulation Based Multiple Access Scheme. IEEE Transactions on Vehicular Technology, 2020, 69, 12912-12920.	3.9	9
152	Rotated Color Shift Keying for Visible Light Communications With Signal-Dependent Noise. IEEE Communications Letters, 2020, 24, 844-848.	2.5	9
153	Outage of Cognitive Electric Vehicle Networks Over Mixed RF/VLC Channels With Signal-Dependent Noise and Imperfect CSI. IEEE Transactions on Vehicular Technology, 2020, 69, 6828-6832.	3.9	9
154	Threshold-based parallel multiuser scheduling. IEEE Transactions on Wireless Communications, 2009, 8, 2150-2159.	6.1	8
155	Performance Analysis of Joint Multi-Branch Switched Diversity and Adaptive Modulation Schemes for Spectrum Sharing Systems. IEEE Transactions on Communications, 2012, 60, 3609-3619.	4.9	8
156	Exact Outage Probability Analysis for Relay-Aided Underlay Cognitive Communications. , 2012, , .		8
157	Interference suppression for the LTE uplink. Physical Communication, 2013, 9, 23-44.	1.2	8
158	Cognitive Radio Networks with Orthogonal Space-Time Block Coding and Multiuser Diversity. IEEE Communications Letters, 2013, 17, 685-688.	2.5	8
159	Adaptive Transmission Schemes for MISO Spectrum Sharing Systems: Tradeoffs and Performance Analysis. IEEE Transactions on Wireless Communications, 2014, 13, 5352-5365.	6.1	8
160	End-to-end downlink power consumption of heterogeneous small-cell networks based on the probabilistic traffic model. , 2014, , .		8
161	Towards Energy Efficient Multi-Hop D2D Networks Using WiFi Direct. , 2017, , .		8
162	Improving the Modulation Designs for Visible Light Communications with Signal-Dependent Noise. IEEE Communications Magazine, 2020, 58, 26-32.	4.9	8

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163	Performance analysis of index modulation based link-selection mechanism for hybrid FSO-mmWave systems. Optics Communications, 2021, 479, 126305.	1.0	8
164	Diversity Order Results for MIMO Optical Wireless Communications. IEEE Wireless Communications Letters, 2018, 7, 74-77.	3.2	8
165	Diabetes Management Experience and the State of Hypoglycemia: National Online Survey Study. JMIR Diabetes, 2020, 5, e17890.	0.9	8
166	On the Error Performance of Non-orthogonal Multiple Access Systems. , 2020, , .		8
167	Transactions papers - Minimum selection GSC with down-link power control. IEEE Transactions on Wireless Communications, 2008, 7, 2492-2501.	6.1	7
168	Joint adaptive modulation and diversity combining with feedback error compensation. IEEE Transactions on Communications, 2009, 57, 3214-3219.	4.9	7
169	Time of arrival based location estimation for cooperative relay networks. , 2010, , .		7
170	Spectrally Efficient Switched Transmit Diversity for Spectrum Sharing Systems. , 2011, , .		7
171	Channel Characterization for Acoustic Downhole Communication Systems. , 2012, , .		7
172	Outage and SER performance of spectrum sharing system with TAS/MRC. , 2013, , .		7
173	Downlink power consumption of HetNets based on the probabilistic traffic model of mobile users. , 2013, , .		7
174	Propagation Measurements for Acoustic Downhole Telemetry Systems. , 2013, , .		7
175	Outage analysis of incremental opportunistic regenerative relaying with outdated CSI under spectrum sharing constraints. , 2014, , .		7
176	Power allocation for maximizing energy efficiency of mixed RF/VLC wireless networks. , 2015, , .		7
177	A circular patch frequency reconfigurable antenna for wearable applications. , 2015, , .		7
178	Design of a finger ring antenna for wireless sensor networks. , 2016, , .		7
179	Planar broad-band and wide-angle hybrid plasmonic IMI filters with induced transmission for visible light applications. Applied Optics, 2017, 56, 8751.	0.9	7
180	Energy-efficient Modulation for Visible Light SCMA System with Signal-dependent Noise. , 2018, , .		7

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181	Investigating the Efficacy of Using Hand Tremors for Early Detection of Hypoglycemic Events: A Scoping Literature Review. Proceedings of the Human Factors and Ergonomics Society, 2018, 62, 1211-1215.	0.2	7
182	A Link-Selection Mechanism for Hybrid FSO-mmWave Systems based on Index Modulation. , 2020, , .		7
183	On the effective capacity of IRS-assisted wireless communication. Physical Communication, 2021, 47, 101339.	1.2	7
184	On the Secrecy Capacity of Hybrid FSO-mmWave Wiretap Channels. IEEE Transactions on Vehicular Technology, 2022, 71, 4073-4086.	3.9	7
185	CNN-Based Signal Detector for IM-OFDMA. , 2021, , .		7
186	Diversity Combining with Up-Link Power Control. , 2006, , .		6
187	Threshold-based Parallel Multiuser Scheduling. , 2007, , .		6
188	An RSS based location estimation technique for cognitive relay networks. , 2010, , .		6
189	Outage and SER performance of an opportunistic multi-user underlay cognitive network. , 2012, , .		6
190	A Probabilistic Model of Spectrum Availability for OFDMA Based Cognitive Radio Systems. IEEE Communications Letters, 2012, 16, 1780-1783.	2.5	6
191	The impact of location errors on achievable rates in OFDM-based multi-user visible light communication systems. , 2014, , .		6
192	A statistical model for delay domain radio channel parameter affected with extreme values. , 2014, , .		6
193	Adaptive Interference-Aware Multichannel Assignment for Shared Overloaded Small-Cell Access Points Under Limited Feedback. IEEE Transactions on Vehicular Technology, 2014, 63, 747-762.	3.9	6
194	Energy storage sizing for peak hour utility applications. , 2015, , .		6
195	Study of a microstrip patch antenna with multiple circular slots for portable devices. , 2015, , .		6
196	A Survey of Machine Learning Algorithms and Their Applications in Cognitive Radio. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 790-801.	0.2	6
197	Security Performance Analysis of SIMO Generalized-K Fading Channels Using a Mixture Gamma Distribution. , 2016, , .		6
198	Condition number variability of ultra wideband MIMO on body channels. , 2016, , .		6

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199	A Wearable, Low-cost Hand Tremor Sensor for Detecting Hypoglycemic Events in Diabetic Patients. , 2018, , .		6
200	Integrating smart city applications in 5G networks. , 2018, , .		6
201	ACO-OFDM Transmission over Underwater Pipeline for VLC-based Systems. , 2019, , .		6
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