

# Khalid A Qaraqe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2762079/publications.pdf>

Version: 2024-02-01

413  
papers

5,828  
citations

136740

32  
h-index

143772

57  
g-index

423  
all docs

423  
docs citations

423  
times ranked

4597  
citing authors

#	ARTICLE	IF	CITATIONS
1	Outage Analysis of Relay-Based Dual-Hop Hybrid FSO-mmWave Systems. IEEE Access, 2022, 10, 2895-2907.	2.6	1
2	Analysis of Receiver IQ-Imbalance in IM-OFDMA Uplink Systems. IEEE Communications Letters, 2022, 26, 917-921.	2.5	5
3	On the Secrecy Capacity of Hybrid FSO-mmWave Wiretap Channels. IEEE Transactions on Vehicular Technology, 2022, 71, 4073-4086.	3.9	7
4	Physical layer security in MIMO hybrid FSO-mmWave systems: A learning-based link selection approach. Optics Communications, 2022, 512, 128028.	1.0	0
5	Exploiting User Diversity in OTFS Transmission for Beyond 5G Wireless Systems. IEEE Wireless Communications Letters, 2022, 11, 1689-1693.	3.2	3
6	Index Modulation-Aided IQ Imbalance Compensator for OTFS Communications Systems. , 2022, , .		4
7	Hand tremor-based hypoglycemia detection and prediction in adolescents with type 1 diabetes. Biomedical Signal Processing and Control, 2022, 78, 103869.	3.5	3
8	Performance analysis of index modulation based link-selection mechanism for hybrid FSO-mmWave systems. Optics Communications, 2021, 479, 126305.	1.0	8
9	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
10	Performance Analysis of OTFS Under In-Phase and Quadrature Imbalance at Transmitter. IEEE Transactions on Vehicular Technology, 2021, 70, 11761-11771.	3.9	14
11	A Novel Downlink IM-NOMA Scheme. IEEE Open Journal of the Communications Society, 2021, 2, 235-244.	4.4	10
12	Interâ€nnumerology interference in OFDMâ€M systems. IET Communications, 2021, 15, 1941-1949.	1.5	1
13	Physical Layer Security of Hybrid FSO-mmWave Communications in Presence of Correlated Wiretap Channels. , 2021, , .		6
14	On the effective capacity of IRS-assisted wireless communication. Physical Communication, 2021, 47, 101339.	1.2	7
15	On the secrecy capacity of hybrid FSO-mmWave links with correlated wiretap channels. Optics Communications, 2021, 499, 127252.	1.0	6
16	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
17	Physical Effect of In-Phase and Quadrature Imbalance in Delay-Doppler Domain. , 2021, , .		4
18	Experimental Demonstration of Visible Light Communication based Downhole Telemetry System. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
19	A Deep Learning Model for LoRa Signals Classification Using Cyclostationary Features. , 2021, , .		3
20	CNN-Based Signal Detector for IM-OFDMA. , 2021, , .		7
21	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
22	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
23	Mobility Dependent Hybrid RF/FSO Backhaul in UAV Assisted Cellular Networks. , 2020, , .		4
24	Generalized Imperfect D2D Associations in Spectrum-Shared Cellular Networks Under Transmit Power and Interference Constraints. IEEE Access, 2020, 8, 182517-182536.	2.6	12
25	Neural Signatures of Handgrip Fatigue in Type 1 Diabetic Men and Women. Frontiers in Human Neuroscience, 2020, 14, 564969.	1.0	5
26	A Link-Selection Mechanism for Hybrid FSO-mmWave Systems based on Index Modulation. , 2020, , .		7
27	Impulse Response Modeling of Underwater Optical Scattering Channels for Wireless Communication. IEEE Photonics Journal, 2020, 12, 1-14.	1.0	28
28	A Downlink Index-Modulation Based Nonorthogonal Multiple Access Scheme. , 2020, , .		5
29	Precoded Index Modulation Based Multiple Access Scheme. IEEE Transactions on Vehicular Technology, 2020, 69, 12912-12920.	3.9	9
30	On the Investigation of Achievable Links for VLC based Wireless Downhole Telemetry Systems. , 2020, , .		5
31	Classification of Fatigue Phases in Healthy and Diabetic Adults Using Wearable Sensor. Sensors, 2020, 20, 6897.	2.1	10
32	Using Machine Learning to Predict the Future Development of Disease. , 2020, , .		11
33	A Fast Method for Estimating Frequencies of Multiple Sinusoids. IEEE Signal Processing Letters, 2020, 27, 386-390.	2.1	31
34	Secure Index-Modulation Based Hybrid Free Space Optical and Millimeter Wave Links. IEEE Transactions on Vehicular Technology, 2020, 69, 6325-6332.	3.9	13
35	Quantifying Accelerometer-Based Tremor Features of Neuromuscular Fatigue in Healthy and Diabetic Adults. IEEE Sensors Journal, 2020, 20, 11183-11190.	2.4	6
36	Improving the Modulation Designs for Visible Light Communications with Signal-Dependent Noise. IEEE Communications Magazine, 2020, 58, 26-32.	4.9	8

#	ARTICLE	IF	CITATIONS
37	Rotated Color Shift Keying for Visible Light Communications With Signal-Dependent Noise. IEEE Communications Letters, 2020, 24, 844-848.	2.5	9
38	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
39	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
40	Diabetes Management Experience and the State of Hypoglycemia: National Online Survey Study. JMIR Diabetes, 2020, 5, e17890.	0.9	8
41	On the Error Performance of Non-orthogonal Multiple Access Systems. , 2020, , .		8
42	Impact of Hardware Impairments on the Performance of Millimeter-Wave Massive MU-MIMO Systems with Distributed Antennas. , 2020, , .		2
43	Detection of Tremor Associated with Rest and Effort Activity Using Machine Learning. , 2020, , .		0
44	Visible Light Communications for Downhole Gas Pipeline Monitoring Systems. , 2020, , .		4
45	Low Complexity Constellation Rotation-based SIC Detection for IM-NOMA Schemes. , 2020, , .		2
46	Performance Analysis of Relay Assisted Mixed Dual-Hop RF-FSO Systems with Pointing Errors. Lecture Notes in Electrical Engineering, 2019, , 15-29.	0.3	2
47	Performance Analysis of Relaying FSO System over $M$ -Distributed Turbulent Channel with Variable Gain AF Protocol. Lecture Notes in Electrical Engineering, 2019, , 3-13.	0.3	0
48	Predicting Diabetes in Healthy Population through Machine Learning. , 2019, , .		22
49	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
50	Electromagnetic Scattering of Two- Dimensional Electronic Systems. IEEE Access, 2019, 7, 106521-106526.	2.6	1
51	Performance Improvement of White LED-Based VLC Systems Using Blue and Flattening Filters. , 2019, , .		3
52	A hybrid free space optical-millimeter wave cooperative system. Optics Communications, 2019, 453, 124400.	1.0	12
53	Characterization and Water Content Estimation Method of Living Plant Leaves Using Terahertz Waves. Applied Sciences (Switzerland), 2019, 9, 2781.	1.3	23
54	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

#	ARTICLE	IF	CITATIONS
55	Uplink achievable rate in underlay random access OFDM-based cognitive radio networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2019, 2019, .	1.5	4
56	Energy Efficient Optimization of Base Station Intensities for Hybrid RF/VLC Networks. <i>IEEE Transactions on Wireless Communications</i> , 2019, 18, 4171-4183.	6.1	27
57	Energy Efficient Optimization of Base Station Density for VLC Networks. , 2019, , .		2
58	Quadrature Index Modulation Based Multiple Access Scheme for 5G and Beyond. <i>IEEE Communications Letters</i> , 2019, 23, 2257-2261.	2.5	21
59	Spectral Analysis of Hand Tremors Induced During a Fatigue Test. , 2019, , .		4
60	Performance analysis of the decode-and-forward relay-based RF-FSO communication system in the presence of pointing errors. <i>IET Signal Processing</i> , 2019, 13, 480-485.	0.9	10
61	Resource Allocation for Downlink OFDMA in Underwater Visible Light Communications. , 2019, , .		9
62	Magnesium-Based Bioresorbable Stent Materials: Review of Reviews. <i>Journal of Bio- and Tribo-Corrosion</i> , 2019, 5, 1.	1.2	24
63	Outage Capacity of Rate-Adaptive Relaying for FSO Links With Nonzero Boresight Pointing Errors. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 717-720.	1.3	4
64	Capacity Maximizing Power Allocation for Multi-Channel Visible Light Communications. , 2019, , .		0
65	Features of Physiological Tremor in Diabetic Patients. , 2019, , .		3
66	Time-Dispersion and Signal Attenuation Analysis of Underwater Optical Wireless Communication Links. , 2019, , .		2
67	Bias Allocation and Precoding for Tricolor Visible Light Communications with Signal-dependent Noise. , 2019, , .		0
68	Remote Monitoring of Absorbable Cardiovascular Stents using Millimetre Waves. , 2019, , .		0
69	Performance Evaluation of White LED-based OFDM-VLC Systems with Blue Filters: Experimental Study. , 2019, , .		2
70	Effect of Misalignment Error on Secrecy Outage Capacity of FSO Communication Links. , 2019, , .		3
71	Real-Time Data Transmission over PSTNs on Physical Layer. , 2019, , .		0
72	ACO-OFDM Transmission over Underwater Pipeline for VLC-based Systems. , 2019, , .		6

#	ARTICLE	IF	CITATIONS
73	On the Existence of Terahertz Plasmons in Two-dimensional Semiconductor Heterostructures. , 2019, , .		0
74	Asymptotic Average Secrecy Rate for MISO Free-Space Optical Wiretap Channels. , 2019, , .		6
75	Distance-Range-Oriented Constellation Design for VLC-SCMA Downlink With Signal-Dependent Noise. IEEE Communications Letters, 2019, 23, 434-437.	2.5	10
76	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
77	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
78	An Efficient Planning Algorithm for Hybrid Remote Microgrids. IEEE Transactions on Sustainable Energy, 2019, 10, 257-267.	5.9	97
79	Privacy-Preserving Fine-Grained Data Retrieval Schemes for Mobile Social Networks. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 871-884.	3.7	6
80	Secure communication for FSO links in the presence of eavesdropper with generic location and orientation. Optics Express, 2019, 27, 34211.	1.7	30
81	Planar asymmetric nano-resonators for highly angle tolerant trans-reflective color filters. OSA Continuum, 2019, 2, 890.	1.8	3
82	Technologies and Solutions for Location-Based Services in Smart Cities: Past, Present, and Future. IEEE Access, 2018, 6, 22240-22248.	2.6	31
83	Visible Light Channel Modeling for Gas Pipelines. IEEE Photonics Journal, 2018, 10, 1-10.	1.0	13
84	Performance Evaluation of LOS and NLOS Vertical Inhomogeneous Links in Underwater Visible Light Communications. IEEE Access, 2018, 6, 22408-22420.	2.6	36
85	Spatio-Temporal Coordinated V2V Energy Swapping Strategy for Mobile PEVs. IEEE Transactions on Smart Grid, 2018, 9, 1566-1579.	6.2	62
86	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
87	On the Average Secrecy Capacity for FSO Wiretap Channels with Nonzero Boresight Pointing Errors. , 2018, , .		5
88	Enhancement of Modulation Bandwidth in Wide-Angle VLC Systems via Response-Flattening Filters. , 2018, , .		1
89	A Wearable, Low-cost Hand Tremor Sensor for Detecting Hypoglycemic Events in Diabetic Patients. , 2018, , .		6
90	Deep Recurrent Electricity Theft Detection in AMI Networks with Random Tuning of Hyper-parameters. , 2018, , .		40

#	ARTICLE	IF	CITATIONS
91	Ergodic Capacity Optimization of FSO Systems over Gamma-Gamma Atmospheric Turbulence Channels with Generalized Pointing Errors. , 2018, , .		4
92	Experimental Evaluation of OFDM-Based Underwater Visible Light Communication System. IEEE Photonics Journal, 2018, 10, 1-13.	1.0	32
93	Energy-efficient Modulation for Visible Light SCMA System with Signal-dependent Noise. , 2018, , .		7
94	On the Beam Width Optimization for the Ergodic Capacity of FSO Channels With Misalignment Errors Modeled by Beckmann Distributions. IEEE Photonics Journal, 2018, 10, 1-14.	1.0	4
95	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
96	Imperfect D2D Association in Spectrum-Shared Cellular Networks under Interference and Transmit Power Constraints. , 2018, , .		4
97	Integrating smart city applications in 5G networks. , 2018, , .		6
98	Efficient detection of electricity theft cyber attacks in AMI networks. , 2018, , .		28
99	Multiple antenna techniques for terahertz nano-bio communication. , 2018, , .		1
100	A marketplace for efficient and secure caching for IoT applications in 5G networks. , 2018, , .		2
101	Diversity Order Results for MIMO Optical Wireless Communications. IEEE Wireless Communications Letters, 2018, 7, 74-77.	3.2	8
102	Inhomogeneous Underwater Visible Light Communications: Performance Evaluation. , 2018, , .		1
103	Enabling Green Heterogeneous Cellular Networks via Balanced Dynamic Planning. , 2018, , 323-358.		0
104	Capacity of FSO systems over lognormal fading channels with generalized pointing errors. , 2018, , .		0
105	Impact of blue filtering on effective modulation bandwidth and wide-angle operation in white LED-based VLC systems. OSA Continuum, 2018, 1, 910.	1.8	2
106	A Stochastic Sizing Approach for Sharing-Based Energy Storage Applications. IEEE Transactions on Smart Grid, 2017, 8, 1075-1084.	6.2	67
107	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
108	Collagen Analysis at Terahertz Band Using Double-Debye Parameter Extraction and Particle Swarm Optimisation. IEEE Access, 2017, 5, 27850-27856.	2.6	11

#	ARTICLE	IF	CITATIONS
109	Performance Analysis of Dual-Hop DF Satellite Relaying over $k$ - $\mu$ Shadowed Fading Channels. , 2017, , .		4
110	Physical Layer Authentication in Nano Networks at Terahertz Frequencies for Biomedical Applications. IEEE Access, 2017, 5, 7808-7815.	2.6	28
111	Physical-Layer Security With Full-Duplex Transceivers and Multiuser Receiver at Eve. IEEE Transactions on Communications, 2017, 65, 4392-4405.	4.9	33
112	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
113	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
114	Cooperative In-Vivo Nano-Network Communication at Terahertz Frequencies. IEEE Access, 2017, 5, 8642-8647.	2.6	40
115	On the ergodic secrecy capacity with full duplex communication. , 2017, , .		3
116	Secrecy performance analysis with optimal DF relay selection of underlay CR networks over Nakagami-m fading channels. , 2017, , .		3
117	Performance Analysis of Single-Photon Avalanche Diode Underwater VLC System Using ARQ. IEEE Photonics Journal, 2017, 9, 1-11.	1.0	43
118	Anatomical Region-Specific In Vivo Wireless Communication Channel Characterization. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1254-1262.	3.9	33
119	Performance Evaluation for Vertical Inhomogeneous Underwater Visible Light Communications. , 2017, , .		3
120	From D2D to Ds2D: Prolonging the Battery Life of Mobile Devices via Ds2D Communications. IEEE Wireless Communications, 2017, 24, 55-63.	6.6	16
121	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
122	Angle-tolerant hybrid plasmonic filters for visible light communications. Applied Optics, 2017, 56, C106.	2.1	10
123	Performance analysis of adaptive modulation in underwater visible light communications. , 2017, , .		3
124	Dielectric constant measurement of collagen at terahertz band using terahertz time domain spectroscopy. , 2017, , .		0
125	Achievable Rate-Region of VLC/RF Communications with an Energy Harvesting Relay. , 2017, , .		26
126	Towards Energy Efficient Multi-Hop D2D Networks Using WiFi Direct. , 2017, , .		8



#	ARTICLE	IF	CITATIONS
127	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
128	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
129	Fair resource allocation in downlink OFDM-based cognitive radio networks. , 2017, , .		0
130	Correction to "A Unifying Variational Perspective on Some Fundamental Information Theoretic Inequalities". IEEE Transactions on Information Theory, 2016, 62, 4356-4357.	1.5	0
131	On the Impact of PLC Backhauling in Multi-User Hybrid VLC/RF Communication Systems. , 2016, , .		17
132	Secrecy Outage Performance for Underlay MIMO CRNs with Energy Harvesting and Transmit Antenna Selection. , 2016, , .		9
133	Impact of Dynamic Planning on Uplink Service Quality in Heterogeneous Cellular Networks. , 2016, , .		0
134	Security Performance Analysis of SIMO Generalized-K Fading Channels Using a Mixture Gamma Distribution. , 2016, , .		6
135	Outage Analysis of Asymmetric RF-FSO Systems. , 2016, , .		5
136	THz time domain characterization of human skin tissue for nano-electromagnetic communication. , 2016, , .		0
137	Modelling of the terahertz communication channel for in-vivo nano-networks in the presence of noise. , 2016, , .		19
138	In Vivo Communications: Steps Toward the Next Generation of Implantable Devices. IEEE Vehicular Technology Magazine, 2016, 11, 32-42.	2.8	21
139	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
140	Fibroblasts cell number density based human skin characterization at THz for in-body nanonetworks. Nano Communication Networks, 2016, 10, 60-67.	1.6	15
141	Efficient selection of source devices and radio interfaces for green Ds2D communications. , 2016, , .		4
142	Privacy-aware power charging coordination in future smart grid. , 2016, , .		10
143	Channel capacity analysis of a mixed dual-hop radio-frequency-free space optical transmission system with $\chi^2$ distribution. IET Communications, 2016, 10, 2119-2124.	1.5	24
144	Analysing self interference cancellation in full duplex radios. , 2016, , .		15

#	ARTICLE	IF	CITATIONS
145	Reconfigurable Antenna-Based Space-Shift Keying for Spectrum Sharing Systems Under Rician Fading. IEEE Transactions on Communications, 2016, 64, 3970-3980.	4.9	17
146	Reconfigurable antenna-based space-shift keying for spectrum sharing systems. , 2016, , .		1
147	Secrecy Outage Analysis for SIMO Underlay Cognitive Radio Networks over Generalized-K Fading Channels. IEEE Signal Processing Letters, 2016, , 1-1.	2.1	23
148	Physical-layer security over generalised-K fading channels. IET Communications, 2016, 10, 2233-2237.	1.5	14
149	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
150	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
151	Balanced Dynamic Planning in Green Heterogeneous Cellular Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 3299-3312.	9.7	12
152	Channel modelling of human tissues at terahertz band. , 2016, , .		3
153	Channel modelling of human tissues at terahertz band. , 2016, , .		3
154	A VLC-based system for optical SPR sensing facility. , 2016, , .		4
155	Fronthaul data compression for Uplink CoMP in cloud radio access network (C-RAN). Transactions on Emerging Telecommunications Technologies, 2016, 27, 1409-1425.	2.6	3
156	Trust-based and privacy-preserving fine-grained data retrieval scheme for MSNs. , 2016, , .		4
157	Characterization of Volumetric Change in Collagen using THz Time Domain Spectroscopy for In-Body Nanonetworks. , 2016, , .		0
158	Secrecy performance analysis of single-input multiple-output generalized-K fading channels. Frontiers of Information Technology and Electronic Engineering, 2016, 17, 1074-1084.	1.5	5
159	Spectral and energy efficient cognitive radio-aided heterogeneous cellular network with uplink power adaptation. Wireless Communications and Mobile Computing, 2016, 16, 2144-2162.	0.8	2
160	Design of a finger ring antenna for wireless sensor networks. , 2016, , .		7
161	Correction Terms of Ground and Water Reflection Surfaces for Perera's Breakpoint Distance Model. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 786-789.	2.4	1
162	Reconfigurable Antenna-Based Space-Shift Keying (SSK) for MIMO Rician Channels. IEEE Transactions on Wireless Communications, 2016, 15, 446-457.	6.1	57

#	ARTICLE	IF	CITATIONS
163	Joint User Association and Data-Rate Allocation in Heterogeneous Wireless Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7403-7414.	3.9	15
164	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
165	Condition number variability of ultra wideband MIMO on body channels. , 2016, , .		6
166	A low profile penta-band antenna for portable devices. , 2016, , .		5
167	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
168	Visible Light Communications for Energy Efficient Heterogeneous Wireless Networks. Studies in Systems, Decision and Control, 2016, , 299-317.	0.8	2
169	On Physical-Layer Security Over SIMO Generalized- $m$ Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 7780-7785.	3.9	79
170	Performance Analysis of Physical Layer Security Over Generalized- $m$ Fading Channels Using a Mixture Gamma Distribution. IEEE Communications Letters, 2016, 20, 408-411.	2.5	100
171	On the Traffic Offloading in Wi-Fi Supported Heterogeneous Wireless Networks. Journal of Signal Processing Systems, 2016, 83, 225-240.	1.4	3
172	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
173	Advances in Body-Centric Wireless Communication: Applications and state-of-the-art. , 2016, , .		73
174	Characterization of Human Skin Using THz Time Domain Spectroscopy for In-Body Nanonetworks. , 2016, , .		0
175	Ultra wideband radio channel characterisation for body-centric wireless communication. , 2016, , 43-79.		0
176	Towards Energy Efficient and Quality of Service Aware Cell Zooming in 5G Wireless Networks. , 2015, , .		11
177	Variability of ellipticity statistic of MIMO indoor radio channels with antenna orientation angle. , 2015, , .		0
178	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
179	Adaptive Spatial Modulation for Spectrum Sharing Systems With Limited Feedback. IEEE Transactions on Communications, 2015, 63, 2001-2014.	4.9	22
180	Impact of reconfigurable polarization parameter on transferred signal power in indoor MIMO channels. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
181	Power allocation for maximizing energy efficiency of mixed RF/VLC wireless networks. , 2015, , .		7
182	On balancing energy efficiency for network operators and mobile users in dynamic planning. , 2015, 53, 158-165.		9
183	A circular patch frequency reconfigurable antenna for wearable applications. , 2015, , .		7
184	Multiband-OFDM based ultra wideband system modelling of on/off-body antenna diversity. , 2015, , .		1
185	On bounds for the cognitive multiple access Z-Interference Channel. , 2015, , .		0
186	On the Achievable Rate of a Hybrid PLC/MLC/RF Communication System. , 2015, , .		16
187	Cooperative OFDM-based multi-user visible light communication systems with limited information. , 2015, , .		0
188	Enhanced space-shift keying (SSK) with reconfigurable antennas. , 2015, , .		5
189	PEV charging in the future smart grid. , 2015, , .		4
190	Energy storage sizing for peak hour utility applications. , 2015, , .		6
191	Coordinated Interference Management for Visible Light Communication Systems. Journal of Optical Communications and Networking, 2015, 7, 1098.	3.3	25
192	Characterising skin-based nano-networks for healthcare monitoring applications at THz. , 2015, , .		4
193	Terahertz signal propagation analysis inside the human skin. , 2015, , .		3
194	The Cognitive Internet of Things: A Unified Perspective. Mobile Networks and Applications, 2015, 20, 72-85.	2.2	27
195	Spatial and temporal online charging/discharging coordination for mobile PEVs. IEEE Wireless Communications, 2015, 22, 112-121.	6.6	28
196	Opportunistic Fixed Gain Bidirectional Relaying with Outdated CSI. , 2015, , .		0
197	Joint adaptive spatial modulation and power adaptation for spectrum sharing systems with limited feedback. , 2015, , .		3
198	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

#	ARTICLE	IF	CITATIONS
199	Capacity Planning Frameworks for Electric Vehicle Charging Stations With Multiclass Customers. IEEE Transactions on Smart Grid, 2015, 6, 1934-1943.	6.2	69
200	Study of a microstrip patch antenna with multiple circular slots for portable devices. , 2015, , .		6
201	Power allocation for downlink multi-user SC-FDMA visible light communication systems. , 2015, , .		12
202	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
203	IDC Interference-Aware Resource Allocation for LTE/WLAN Heterogeneous Networks. IEEE Wireless Communications Letters, 2015, 4, 581-584.	3.2	3
204	Optimal planning of fast PEV charging facilities. , 2015, , .		18
205	Joint Subcarrier and Antenna State Selection for Cognitive Heterogeneous Networks With Reconfigurable Antennas. IEEE Transactions on Communications, 2015, 63, 4015-4025.	4.9	11
206	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
207	Best Relay Selection for DF Underlay Cognitive Networks with Different Modulation Levels. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 282-294.	0.2	0
208	Network Coding versus Replication Based Resilient Techniques to Mitigate Insider Attacks for Smart Metering. International Journal of Distributed Sensor Networks, 2015, 11, 737269.	1.3	0
209	Outage analysis of incremental opportunistic regenerative relaying with outdated CSI under spectrum sharing constraints. , 2014, , .		7
210	A semi-distributed V2V fast charging strategy based on price control. , 2014, , .		25
211	On the capacity bounds of K-tier heterogeneous small-cell networks employing aggressive frequency reuse. , 2014, , .		0
212	Random subcarrier allocation with supermodular game in cognitive heterogeneous networks. , 2014, , .		5
213	Distributed spectrum aggregation in cooperative networks. , 2014, , .		1
214	Single photon avalanche diode (SPAD) VLC system and application to downhole monitoring. , 2014, , .		41
215	A survey on energy trading in smart grid. , 2014, , .		73
216	Clipping noise mitigation using partial transmit sequence for optical OFDM systems. , 2014, , .		5

#	ARTICLE	IF	CITATIONS
217	The impact of location errors on achievable rates in OFDM-based multi-user visible light communication systems. , 2014, , .		6
218	Energy Efficient Cooperation in Underlay RFID Cognitive Networks for a Water Smart Home. Sensors, 2014, 14, 18353-18369.	2.1	15
219	A win-win cooperative downlink resource allocation for green communications in a heterogeneous wireless medium. , 2014, , .		3
220	Dynamic planning with balanced energy efficiency for network operators and mobile users. , 2014, , .		1
221	Adaptive spatial modulation for spectrally-efficient MIMO spectrum sharing systems. , 2014, , .		5
222	A pricing-based load shifting framework for EV fast charging stations. , 2014, , .		20
223	On the benefits of cooperation via power control in OFDM-based visible light communication systems. , 2014, , .		12
224	Performance Analysis of Two-Way Relaying Networks with the N&lt;sup>h</sup>th&lt;/sup> Worst Relay Selection Over Various Fading Channels. IEEE Transactions on Vehicular Technology, 2014, , 1-1.	3.9	21
225	Modelling of parameters of Rician fading distribution as a function of polarization parameter in reconfigurable antenna. , 2014, , .		9
226	A statistical model for delay domain radio channel parameter affected with extreme values. , 2014, , .		6
227	A performance study of two hop transmission in mixed underlay RF and FSO fading channels. , 2014, , .		30
228	Performance of an opportunistic multi-user cognitive network with multiple primary users. , 2014, , .		4
229	Undergraduate Research Experience Program in Qatar. , 2014, , .		0
230	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
231	Capacity analysis of spectrum sharing spatial multiplexing MIMO systems. Physical Communication, 2014, 13, 109-119.	1.2	2
232	Outage performance analysis of underlay cognitive RF and FSO wireless channels. , 2014, , .		29
233	Adaptive spatial modulation for spectrally-efficient MIMO systems. , 2014, , .		11
234	Spectral efficiency improvements in HetNets by exploiting device-to-device communications. , 2014, , .		10

#	ARTICLE	IF	CITATIONS
235	On the performance of subcarrier allocation techniques for multiuser OFDM cognitive networks with reconfigurable antennas. , 2014, , .		3
236	Spectral and energy efficiency analysis of uplink heterogeneous networks with small-cells on edge. Physical Communication, 2014, 13, 27-41.	1.2	12
237	Performance Analysis of a Power Limited Spectrum Sharing System With TAS/MRC. IEEE Transactions on Signal Processing, 2014, 62, 954-967.	3.2	34
238	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
239	Delay Performance of a Broadcast Spectrum Sharing Network in Nakagami- $m$ Fading. IEEE Transactions on Vehicular Technology, 2014, 63, 1350-1364.	3.9	14
240	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
241	Hybrid radio-visible light downlink performance in RF sensitive indoor environments. , 2014, , .		19
242	On the bits per joule optimization in cellular cognitive radio networks. , 2014, , .		1
243	Joint Opportunistic Beam and Spectrum Selection Schemes for Spectrum Sharing Systems With Limited Feedback. IEEE Transactions on Vehicular Technology, 2014, 63, 4408-4421.	3.9	2
244	Heterogeneous Ability-Centered Team Building to aid enquiry based learning in engineering classroom. , 2014, , .		0
245	3D visualization to aid engineering education: A case study to visualize the impact of wireless signals on human brain. , 2014, , .		2
246	Ray tracing based channel modeling for visible light communications. , 2014, , .		27
247	Indoor channel modelling and characterization for visible light communications. , 2014, , .		29
248	A Variational Approach for Assessing the Capacity of a Memoryless Nonlinear MIMO Channel. IEEE Communications Letters, 2014, 18, 1315-1318.	2.5	4
249	Adaptive Transmission Schemes for MISO Spectrum Sharing Systems: Tradeoffs and Performance Analysis. IEEE Transactions on Wireless Communications, 2014, 13, 5352-5365.	6.1	8
250	On the Probabilistic Model for Primary and Secondary User Activity for OFDMA-Based Cognitive Radio Systems: Spectrum Occupancy and System Throughput Perspectives. IEEE Transactions on Wireless Communications, 2014, 13, 356-369.	6.1	5
251	Providing QoS guarantees to multiple classes of EVs under deterministic grid power. , 2014, , .		2
252	Reduced outage probability relay selection for underlay cognitive networks. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
253	Expanding cellular coverage via cell-edge deployment in heterogeneous networks: spectral efficiency and backhaul power consumption perspectives. , 2014, 52, 140-149.		28
254	A Study of Acoustic Wave Propagation inside Cemented Production Tubings. , 2014, , .		1
255	On the Achievable Rate of a Hybrid PLC/VLC/RF Communication System. , 2014, , .		0
256	Impact of reconfigurable polarization angle on parameters of a statistical distribution of coherence time of radio channel. , 2014, , .		0
257	End-to-end downlink power consumption of heterogeneous small-cell networks based on the probabilistic traffic model. , 2014, , .		8
258	Public-Key Authentication for Cloud-based WBANs. , 2014, , .		3
259	Performance analysis of opportunistic nonregenerative relaying. Wireless Communications and Mobile Computing, 2013, , n/a-n/a.	0.8	1
260	Performance Analysis of Distributed Beamforming in a Spectrum Sharing System. IEEE Transactions on Vehicular Technology, 2013, 62, 1655-1666.	3.9	4
261	Green heterogeneous small-cell networks: toward reducing the CO <sub>2</sub> emissions of mobile communications industry using uplink power adaptation. , 2013, 51, 52-61.		54
262	Interference suppression based on soft blanking and iterative likelihood test for LTE uplink. , 2013, , .		3
263	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
264	A Unifying Variational Perspective on Some Fundamental Information Theoretic Inequalities. IEEE Transactions on Information Theory, 2013, 59, 7132-7148.	1.5	1
265	K-tier heterogeneous small-cell networks: Towards balancing the spectrum usage and power consumption with aggressive frequency reuse. , 2013, , .		1
266	Outage and SER performance of spectrum sharing system with TAS/MRC. , 2013, , .		7
267	Outage Analysis of Spectrum Sharing Cognitive DF Relay Networks Using Outdated CSI. IEEE Communications Letters, 2013, 17, 2272-2275.	2.5	14
268	RFID in-pipe moisture sensing system for oil and gas quality monitoring in Qatar. , 2013, , .		4
269	On the reduction in specific absorption rate using uplink power adaptation in heterogeneous small-cell networks. , 2013, , .		3
270	Channel characterization for indoor communication systems employing reconfigurable antennas. , 2013, , .		0



#	ARTICLE	IF	CITATIONS
271	Statistical analysis of secondary users throughput for OFDMA cognitive radio networks. , 2013, , .		1
272	Comparison of different 1-D interpolation algorithms for estimation of shadow fading. , 2013, , .		0
273	Power optimization and $k$ th order selective relaying in free space optical networks. , 2013, , .		1
274	Experimental analysis of energy detection for PSK and QAM signals: Indoor measurements. , 2013, , .		0
275	Joint Switched Multi-Spectrum and Transmit Antenna Diversity for Spectrum Sharing Systems. IEEE Transactions on Wireless Communications, 2013, 12, 4827-4839.	6.1	2
276	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
277	Performance Analysis of Cognitive Radio Multiple-Access Channels Over Dynamic Fading Environments. Wireless Personal Communications, 2013, 68, 1031-1045.	1.8	2
278	Analysis of mobility impact on interference in cognitive radio networks. Physical Communication, 2013, 9, 212-222.	1.2	4
279	Mean value-based power allocation and ratio selection for MIMO cognitive radio systems. , 2013, , .		0
280	Interference suppression for the LTE uplink. Physical Communication, 2013, 9, 23-44.	1.2	8
281	Outage Analysis for Underlay Cognitive Networks Using Incremental Regenerative Relaying. IEEE Transactions on Vehicular Technology, 2013, 62, 721-734.	3.9	117
282	Gaussian Assumption: The Least Favorable but the Most Useful [Lecture Notes]. IEEE Signal Processing Magazine, 2013, 30, 183-186.	4.6	51
283	A Study on Inter-Cell Subcarrier Collisions due to Random Access in OFDM-Based Cognitive Radio Networks. IEEE Transactions on Communications, 2013, 61, 1695-1707.	4.9	2
284	Cognitive Radio Networks with Orthogonal Space-Time Block Coding and Multiuser Diversity. IEEE Communications Letters, 2013, 17, 685-688.	2.5	8
285	New results on performance analysis of opportunistic regenerative relaying. Physical Communication, 2013, 9, 97-111.	1.2	4
286	An investigation of inter-cell subcarrier collisions in OFDM-based cognitive radio networks. , 2013, , .		0
287	Sum-rate analysis of spectrum sharing spatial multiplexing MIMO systems with zero-forcing and multiuser diversity. , 2013, , .		3
288	Ultrawideband Band-Notched Flexible Antenna for Wearable Applications. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1606-1609.	2.4	94

#	ARTICLE	IF	CITATIONS
289	Cognitive impairments in human brain due to wireless signals and systems: An experimental study using EEG signal analysis. , 2013, , .		4
290	Downlink power consumption of HetNets based on the probabilistic traffic model of mobile users. , 2013, , .		7
291	Adaptive transmission schemes for MISO spectrum sharing systems. , 2013, , .		3
292	On the effect of reconfigurable antenna radiation patterns on outdoor channel characteristics. , 2013, , .		0
293	Performance analysis of amplify-and-forward two-way relaying with co-channel interference and channel estimation error. , 2013, , .		10
294	Surface noise cancellation for acoustic downhole communication systems. , 2013, , .		2
295	Reduced-Complexity Adaptive Multi-Channel Assignment for Shared Access Points in Over-Loaded Small-Cell Networks. , 2013, , .		1
296	Joint Slepian-Wolf/Dirty-paper coding. , 2013, , .		0
297	Relay selection in underlay cognitive networks with fixed transmission power nodes. Transactions on Emerging Telecommunications Technologies, 2013, 24, 734-747.	2.6	12
298	Joint random beam and spectrum selection for spectrum sharing systems with partial channel state information. , 2013, , .		0
299	Cooperative relaying for idle band integration in spectrum sharing systems. , 2013, , .		2
300	Propagation Measurements for Acoustic Downhole Telemetry Systems. , 2013, , .		7
301	Interference-Aware Random Beam Selection for Spectrum Sharing Systems. , 2012, , .		3
302	Best relay selection using SNR and interference quotient for underlay cognitive networks. , 2012, , .		25
303	Partial Relay Selection in Underlay Cognitive Networks with Fixed Gain Relays. , 2012, , .		27
304	Performance Analysis of Distributed Beamforming in a Spectrum Sharing System. , 2012, , .		0
305	Analysis and Characterization of the Impact of Frequency-Selective Interference on Reporting Period for Next-Generation Wireless Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 3813-3819.	3.9	3
306	Power Adaptation for Joint Switched Diversity and Adaptive Modulation Schemes in Spectrum Sharing Systems. IEEE Communications Letters, 2012, 16, 1482-1485.	2.5	10

#	ARTICLE	IF	CITATIONS
307	Channel Characterization for Acoustic Downhole Communication Systems. , 2012, , .		7
308	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
309	Adaptive Discrete Rate and Power Transmission for Spectrum Sharing Systems. IEEE Transactions on Wireless Communications, 2012, 11, 1283-1289.	6.1	17
310	Random Subcarrier Allocation in OFDM-Based Cognitive Radio Networks. IEEE Transactions on Signal Processing, 2012, 60, 4758-4774.	3.2	26
311	Effects of mobility on uplink interference for short-range cognitive radio networks. , 2012, , .		0
312	On the Equivalence Between Stein and De Bruijn Identities. IEEE Transactions on Information Theory, 2012, 58, 7045-7067.	1.5	11
313	An information theoretic perspective over an extremal entropy inequality. , 2012, , .		0
314	Exact Outage Probability Analysis for Relay-Aided Underlay Cognitive Communications. , 2012, , .		8
315	On the equivalence between Stein identity and de Bruijn identity. , 2012, , .		0
316	Outage and SER performance of an opportunistic multi-user underlay cognitive network. , 2012, , .		6
317	On the performance of generalized likelihood ratio test for data-aided timing synchronization of MIMO systems. , 2012, , .		2
318	Spectrum availability model of secondary users in cognitive radio networks. , 2012, , .		1
319	New perspectives, extensions and applications of de Bruijn identity. , 2012, , .		1
320	Reactive relay selection in underlay cognitive networks with fixed gain relays. , 2012, , .		35
321	A Probabilistic Model of Spectrum Availability for OFDMA Based Cognitive Radio Systems. IEEE Communications Letters, 2012, 16, 1780-1783.	2.5	6
322	On OFDM-based cognitive radio spectrum sharing systems with random access. , 2012, , .		0
323	On the Performance of Dual-Hop Systems with Multiple Antennas: Effects of Spatial Correlation, Keyhole, and Co-Channel Interference. IEEE Transactions on Communications, 2012, 60, 3541-3547.	4.9	5
324	Delay analysis of a point-to-multipoint spectrum sharing network with CSI based power allocation. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
325	On the Performance of Spectrum Sharing Systems with Two-Way Relaying and Multiuser Diversity. IEEE Communications Letters, 2012, 16, 1240-1243.	2.5	32
326	Outage analysis of selective cooperation in underlay cognitive networks with fixed gain relays and primary interference modeling. , 2012, , .		2
327	Outage analysis for underlay relay-assisted cognitive networks. , 2012, , .		4
328	Multi-spectrum and transmit-antenna switched diversity schemes for spectrum sharing systems: A performance analysis. , 2012, , .		0
329	Capacity limits of spectrum-sharing systems over hyper-fading channels. Wireless Communications and Mobile Computing, 2012, 12, 1471-1480.	0.8	10
330	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
331	On the Performance of Spectrum Sharing Systems with Multiple Antennas. , 2012, , .		1
332	An Experimental Setup for Performance Analysis of an Online Adaptive Cooperative Spectrum Sensing Scheme for Both In-Phase and Quadrature Branches. , 2011, , .		3
333	On the Evolution of Interference in Time for Cellular Mobile Radio Networks. , 2011, , .		2
334	Engagement of undergraduate students in advanced research: A case study. , 2011, , .		2
335	Adaptive rate transmission for spectrum sharing system with quantized channel state information. , 2011, , .		4
336	Robust Clock Synchronization in Wireless Sensor Networks Through Noise Density Estimation. IEEE Transactions on Signal Processing, 2011, 59, 3035-3047.	3.2	20
337	A framework on wideband sensing and direction finding for location aware public safety cognitive radio. , 2011, , .		2
338	Dual Branch Transmit Switch-and-Stay Diversity for Underlay Cognitive Networks. , 2011, , .		4
339	Spectrally Efficient Switched Transmit Diversity for Spectrum Sharing Systems. , 2011, , .		7
340	Queue performance measures for cognitive radios in spectrum sharing systems. , 2011, , .		24
341	Spatio-temporal measurement and model for number of occupied channels. , 2011, , .		5
342	An autoregressive approach for spectrum occupancy modeling and prediction based on synchronous measurements. , 2011, , .		22

#	ARTICLE	IF	CITATIONS
343	A bispectrum detector for FM modulated wireless microphone signals. , 2011, , .		0
344	Joint Switched Transmit Diversity and Adaptive Modulation in Spectrum Sharing Systems. , 2011, , .		3
345	An experimental setup for performance evaluation of spectrum sensing via energy detector. , 2011, , .		3
346	Performance Analysis of Joint Diversity Combining, Adaptive Modulation, and Power Control Schemes. IEEE Transactions on Communications, 2011, 59, 106-115.	4.9	14
347	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
348	Improving the performance of delay based protocol in delivering real time media via early retransmission. , 2011, , .		1
349	On the statistics of sub-carrier collisions for cell-edge users and air interface capacity in OFDMA systems. , 2011, , .		1
350	Performance Analysis of Dual-Hop AF Systems in Nakagami-m Fading Channels in the Presence of Interference. , 2011, , .		9
351	A robust clock synchronization algorithm for wireless sensor networks. , 2011, , .		4
352	Performance analysis of selective cooperation in underlay cognitive networks over Rayleigh channels. , 2011, , .		29
353	An experimental validation of an online adaptive cooperation scheme for spectrum sensing. , 2011, , .		5
354	Switch and examine transmit diversity for spectrum sharing systems. , 2011, , .		2
355	Capacity of cognitive radio multiple-access channels in dynamic fading environments. , 2011, , .		0
356	Signal processing techniques for synchronization of wireless sensor networks. Proceedings of SPIE, 2010, , .	0.8	1
357	Time-Delay Estimation in Dispersed Spectrum Cognitive Radio Systems. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	16
358	A Robust Approach for Clock Offset Estimation in Wireless Sensor Networks. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	3
359	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
360	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

#	ARTICLE	IF	CITATIONS
361	Upper and lower bounds on subcarrier collision for inter-cell interference scheduler in OFDMA-based systems: Voice traffic. <i>Physical Communication</i> , 2010, 3, 265-275.	1.2	3
362	A Novel Reduced-Complexity Group Detection Structure in MIMO Frequency Selective Fading Channels. , 2010, , .		0
363	AM-signal detection in cognitive radios using first-order cyclostationarity. , 2010, , .		5
364	Time of arrival based location estimation for cooperative relay networks. , 2010, , .		7
365	The impacts of node distribution on the effective transport capacity of ad hoc dispersed spectrum cognitive radio networks. , 2010, , .		0
366	FSK-signal detection in cognitive radios using first-order cyclostationarity. , 2010, , .		4
367	An adaptive threshold method for spectrum sensing in multi-channel cognitive radio networks. , 2010, , .		52
368	General order antenna selection in MIMO cooperative relay network. , 2010, , .		0
369	Outage capacity of bidirectional relaying in cognitive relay networks. , 2010, , .		0
370	Efficient detection of FSK-signals based on cyclic statistics. , 2010, , .		0
371	A second-order statistical method for spectrum sensing in correlated shadowing and fading environments. , 2010, , .		5
372	Measurement and challenges for practical spectrum sensing in cognitive radio systems. , 2010, , .		2
373	An RSS based location estimation technique for cognitive relay networks. , 2010, , .		6
374	Joint MS-GSC combining and down-link multiuser diversity scheduling. <i>IEEE Transactions on Wireless Communications</i> , 2009, 8, 3536-3545.	6.1	0
375	Feedback error compensation for joint adaptive modulation and diversity combining. , 2009, , .		0
376	Performance Analysis of TOA Range Accuracy Adaptation for Cognitive Radio Systems. , 2009, , .		3
377	Empirical results for wideband multidimensional spectrum usage. , 2009, , .		32
378	Finger management schemes for RAKE receivers with a minimum call drop criterion. <i>IEEE Transactions on Communications</i> , 2009, 57, 348-352.	4.9	3

#	ARTICLE	IF	CITATIONS
379	Joint adaptive modulation and diversity combining with feedback error compensation. IEEE Transactions on Communications, 2009, 57, 3214-3219.	4.9	7
380	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
381	Time delay estimation in cognitive radio systems. , 2009, , .		4
382	Performance comparison of time delay estimation for whole and dispersed spectrum utilization in cognitive radio systems. , 2009, , .		4
383	Performance evaluation of threshold-based power allocation algorithms for down-link switched-based parallel scheduling. IEEE Transactions on Wireless Communications, 2009, 8, 1744-1753.	6.1	3
384	Achievable Capacity of a Spectrum Sharing System over Hyper Fading Channels. , 2009, , .		13
385	Threshold-based parallel multiuser scheduling. IEEE Transactions on Wireless Communications, 2009, 8, 2150-2159.	6.1	8
386	Fully Joint Diversity Combining, Adaptive Modulation, and Power Control. , 2009, , .		2
387	Clock offset estimation in wireless sensor networks using robust M-estimation. , 2009, , .		2
388	Soft handover overhead reduction by RAKE reception with finger reassignment. IEEE Transactions on Communications, 2008, 56, 213-221.	4.9	14
389	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
390	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
391	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
392	Adaptive rake combining in the soft handover region. IEEE Transactions on Wireless Communications, 2008, 7, 5156-5160.	6.1	1
393	Diversity combining with upâ€link power control. Wireless Communications and Mobile Computing, 2008, 8, 1091-1101.	0.8	0
394	Finger assignment schemes for RAKE receivers with multiple-way soft handover. IEEE Transactions on Wireless Communications, 2008, 7, 495-499.	6.1	9
395	Transactions papers - Minimum selection GSC with down-link power control. IEEE Transactions on Wireless Communications, 2008, 7, 2492-2501.	6.1	7
396	Performance of Hard Handoff in 1xEV-DO REV A. Systems with the Presence of Rayleigh and Correlated Lognormal Components. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
397	Finger Replacement Method for Rake Receivers in the Soft Handover Region. IEEE Transactions on Wireless Communications, 2008, 7, 1152-1156.	6.1	12
398	On the space-time correlation of MIMO fading channels in 3D scattering models. , 2008, , .		0
399	Joint Adaptive Modulation and Diversity Combining with Feedback Error Compensation. , 2008, , .		5
400	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
401	Improving the Processing Power Efficiency of Minimum Selection GSC with Adaptive Modulation and Post-Combining Power Control. , 2007, , .		0
402	Threshold-based Parallel Multiuser Scheduling. , 2007, , .		6
403	Space-Time Channel Correlation of MIMO Rayleigh Fading Based on Non-isotropic 3D Scattering. , 2007, , .		1
404	Finger Management Schemes for Minimum Call Drop in the Soft Handover Region. , 2007, , .		0
405	Extension of Pairwise Broadcast Clock Synchronization for Multicluster Sensor Networks. Eurasip Journal on Advances in Signal Processing, 2007, 2008, .	1.0	21
406	Joint MS-GSC combining and multi-user high speed data scheduling. , 2007, , .		0
407	Finger Replacement Schemes for RAKE Reception in the Soft Handover Region with Multiple Base Stations. , 2007, , .		3
408	A Practical Study of Finger Assignment Schemes in the Soft Handover Region with Multiple Base Stations. , 2007, , .		2
409	Threshold-based power allocation algorithms for down-link switched-based parallel scheduling. , 2007, , .		0
410	Finger Assignment Schemes for RAKE Receivers with Multi-Way Soft Handover. , 2007, , .		2
411	Soft Handover Overhead Reduction by RAKE Reception with Finger Replacement. , 2006, , .		3
412	Performance Analysis of RAKE Receivers with Finger Reassignment. , 2006, , .		2
413	Diversity Combining with Up-Link Power Control. , 2006, , .		6