

HÃ¼seyin Arslan

List of Publications by Year in descending order

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409
papers

10,935
citations

126907

33
h-index

42399

92
g-index

433
all docs

433
docs citations

433
times ranked

6515
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of spectrum sensing algorithms for cognitive radio applications. IEEE Communications Surveys and Tutorials, 2009, 11, 116-130.	39.4	3,828
2	Channel estimation for wireless ofdm systems. IEEE Communications Surveys and Tutorials, 2007, 9, 18-48.	39.4	494
3	Classifications and Applications of Physical Layer Security Techniques for Confidentiality: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2019, 21, 1773-1828.	39.4	424
4	A Survey on Multicarrier Communications: Prototype Filters, Lattice Structures, and Implementation Aspects. IEEE Communications Surveys and Tutorials, 2014, 16, 1312-1338.	39.4	294
5	OFDM for cognitive radio: merits and challenges. IEEE Wireless Communications, 2009, 16, 6-15.	9.0	287
6	Sidelobe suppression in OFDM-based spectrum sharing systems using adaptive symbol transition. IEEE Communications Letters, 2008, 12, 133-135.	4.1	179
7	Error vector magnitude to SNR conversion for nondata-aided receivers. IEEE Transactions on Wireless Communications, 2009, 8, 2694-2704.	9.2	163
8	Flexible Radio Access Beyond 5G: A Future Projection on Waveform, Numerology, and Frame Design Principles. IEEE Access, 2017, 5, 18295-18309.	4.2	151
9	Underground Mine Communications: A Survey. IEEE Communications Surveys and Tutorials, 2009, 11, 125-142.	39.4	128
10	Utilization of Location Information in Cognitive Wireless Networks. IEEE Wireless Communications, 2007, 14, 6-13.	9.0	104
11	Handling CCI and ICI in OFDMA femtocell networks through frequency scheduling. IEEE Transactions on Consumer Electronics, 2009, 55, 1936-1944.	3.6	98
12	Spectrum Characterization for Opportunistic Cognitive Radio Systems. , 2006, , .		97
13	Binary Time Series Approach to Spectrum Prediction for Cognitive Radio. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	93
14	OFDM-Subcarrier Index Selection for Enhancing Security and Reliability of 5G URLLC Services. IEEE Access, 2017, 5, 25863-25875.	4.2	85
15	Cognitive Positioning Systems. IEEE Transactions on Wireless Communications, 2007, 6, 4475-4483.	9.2	83
16	Edge Windowing for OFDM Based Systems. IEEE Communications Letters, 2011, 15, 1208-1211.	4.1	77
17	Distributions of Transmit Power and SINR in Device-to-Device Networks. IEEE Communications Letters, 2013, 17, 273-276.	4.1	71
18	Exploiting location awareness toward improved wireless system design in cognitive radio. , 2008, 46, 128-136.		63

#	ARTICLE	IF	CITATIONS
19	A Flexibility Metric and Optimization Methods for Mixed Numerologies in 5G and Beyond. IEEE Access, 2018, 6, 3755-3764.	4.2	59
20	Statistical modeling of propagation channels for Terahertz band. , 2017, , .		57
21	NOMA With Index Modulation for Uplink URLLC Through Grant-Free Access. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 1249-1257.	10.8	57
22	Carrier Frequency Offset Compensation with Successive Cancellation in Uplink OFDMA Systems. IEEE Transactions on Wireless Communications, 2007, 6, 3546-3551.	9.2	55
23	OFDM With Subcarrier Number Modulation. IEEE Wireless Communications Letters, 2018, 7, 914-917.	5.0	55
24	Modulation Options for OFDM-Based Waveforms: Classification, Comparison, and Future Directions. IEEE Access, 2019, 7, 17263-17278.	4.2	53
25	A Hybrid Downlink NOMA With OFDM and OFDM-IM for Beyond 5G Wireless Networks. IEEE Signal Processing Letters, 2020, 27, 491-495.	3.6	53
26	An adaptive threshold method for spectrum sensing in multi-channel cognitive radio networks. , 2010, , .		52
27	Statistical Characterization of the Paths in Multipath PLC Channels. IEEE Transactions on Power Delivery, 2011, 26, 181-187.	4.3	52
28	Multidimensional Index Modulation for 5G and Beyond Wireless Networks. Proceedings of the IEEE, 2021, 109, 170-199.	21.3	50
29	Inter-Numerology Interference for Beyond 5G. IEEE Access, 2019, 7, 146512-146523.	4.2	46
30	Channel Estimation for LTE Uplink in High Doppler Spread. , 2008, , .		45
31	Doppler spread estimation for wireless OFDM systems. , 0, , .		42
32	Initial Ranging for WiMAX (802.16e) OFDMA. , 2006, , .		41
33	Interference aware vertical handoff decision algorithm for quality of service support in wireless heterogeneous networks. Computer Networks, 2010, 54, 726-740.	5.1	41
34	Secure Orthogonal Transform Division Multiplexing (OTDM) Waveform for 5G and Beyond. IEEE Communications Letters, 2017, 21, 1191-1194.	4.1	41
35	Mask Compliant Precoder for OFDM Spectrum Shaping. IEEE Communications Letters, 2013, 17, 447-450.	4.1	39
36	A survey: Spoofing attacks in physical layer security. , 2015, , .		39

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37	OFDM Signal Identification and Transmission Parameter Estimation for Cognitive Radio Applications. , 2007, , .		38
38	MMSE Noise Plus Interference Power Estimation in Adaptive OFDM Systems. IEEE Transactions on Vehicular Technology, 2007, 56, 3857-3863.	6.3	38
39	Fundamental limits on time delay estimation in dispersed spectrum cognitive radio systems. IEEE Transactions on Wireless Communications, 2009, 8, 78-83.	9.2	38
40	Enabling location and environment awareness in cognitive radios. Computer Communications, 2008, 31, 1114-1125.	5.1	37
41	Joint Optimization of Device to Device Resource and Power Allocation Based on Genetic Algorithm. IEEE Access, 2018, 6, 21173-21183.	4.2	37
42	On physical-layer concepts and metrics in secure signal transmission. Physical Communication, 2017, 25, 14-25.	2.1	36
43	Spectrum Sensing for Cognitive Radio Applications. , 2007, , 263-289.		36
44	Public Safety and Emergency Case Communications: Opportunities from the Aspect of Cognitive Radio. , 2008, , .		35
45	Cognitive-Radio Systems for Spectrum, Location, and Environmental Awareness. IEEE Antennas and Propagation Magazine, 2010, 52, 41-61.	1.4	34
46	User Pairing and Power Allocation Strategies for 3D VLC-NOMA Systems. IEEE Wireless Communications Letters, 2020, 9, 866-870.	5.0	34
47	High-Gain Pattern Reconfigurable MIMO Antenna Array for Wireless Handheld Terminals. IEEE Transactions on Antennas and Propagation, 2016, 64, 4306-4315.	5.1	33
48	Suppressing Alignment: Joint PAPR and Out-of-Band Power Leakage Reduction for OFDM-Based Systems. IEEE Transactions on Communications, 2016, 64, 1100-1109.	7.8	33
49	Anatomical Region-Specific In Vivo Wireless Communication Channel Characterization. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1254-1262.	6.3	33
50	Empirical results for wideband multidimensional spectrum usage. , 2009, , .		32
51	Outcome in Unilateral or Bilateral DDH Treated with One-stage Combined Procedure. Clinical Orthopaedics and Related Research, 2008, 466, 830-836.	1.5	31
52	OFDM With Hybrid Number and Index Modulation. IEEE Access, 2020, 8, 55042-55053.	4.2	31
53	Waveform Design for 5G and Beyond. , 0, , 51-76.		30
54	Time Dispersion and Delay Spread Estimation for Adaptive OFDM Systems. IEEE Transactions on Vehicular Technology, 2008, 57, 1715-1722.	6.3	29

#	ARTICLE	IF	CITATIONS
55	Secure Spatial Multiple Access Using Directional Modulation. IEEE Transactions on Wireless Communications, 2018, 17, 563-573.	9.2	29
56	Fair and QoS-Oriented Spectrum Splitting in Macrocell-Femtocell Networks. , 2010, , .		28
57	Inter-Numerology Interference Analysis for 5G and Beyond. , 2018, , .		28
58	A Review of Wireless and PLC Propagation Channel Characteristics for Smart Grid Environments. Journal of Electrical and Computer Engineering, 2011, 2011, 1-12.	0.9	27
59	Joint PHY/MAC Layer Security Design Using ARQ With MRC and Null-Space Independent PAPR-Aware Artificial Noise in SISO Systems. IEEE Transactions on Wireless Communications, 2018, 17, 6190-6204.	9.2	27
60	Joint-Mapping Orthogonal Frequency Division Multiplexing With Subcarrier Number Modulation. IEEE Transactions on Communications, 2021, 69, 4306-4318.	7.8	26
61	Problem fractures associated with gunshot wounds in children. Injury, 2002, 33, 743-749.	1.7	25
62	Long-term outcomes of conservatively treated paediatric pelvic fractures. Injury, 2004, 35, 771-781.	1.7	24
63	Spectrum shaping of OFDM-based cognitive radio signals. , 2008, , .		24
64	On directional modulation: An analysis of transmission scheme with multiple directions. , 2015, , .		24
65	Reliability enhancement in multi-numerology-based 5G new radio using INI-aware scheduling. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	23
66	Role of Wireless Communication in Healthcare System to Cater Disaster Situations Under 6G Vision. Frontiers in Communications and Networks, 2020, 1, .	3.0	23
67	Toward real-time adaptive low-rank LMMSE channel estimation of MIMO-OFDM systems. IEEE Transactions on Wireless Communications, 2006, 5, 2675-2678.	9.2	22
68	An adaptive fuzzy logic based vertical handoff decision algorithm for wireless heterogeneous networks. , 2009, , .		22
69	A Wireless Communications Systems Laboratory Course. IEEE Transactions on Education, 2010, 53, 532-541.	2.4	22
70	An autoregressive approach for spectrum occupancy modeling and prediction based on synchronous measurements. , 2011, , .		22
71	Secret key generation using channel quantization with SVD for reciprocal MIMO channels. , 2016, , .		22
72	Guard Band Reduction for 5G and Beyond Multiple Numerologies. IEEE Communications Letters, 2020, 24, 644-647.	4.1	22

#	ARTICLE	IF	CITATIONS
73	System Design for Cognitive Radio Communications. , 2006, , .		21
74	Time frequency analysis of noise generated by electrical loads in PLC. , 2010, , .		21
75	Cyclic Feature Concealing CP Selection for Physical Layer Security. , 2014, , .		21
76	In Vivo Communications: Steps Toward the Next Generation of Implantable Devices. IEEE Vehicular Technology Magazine, 2016, 11, 32-42.	3.4	21
77	Thermophysical properties of Cu-In-Sn liquid Pb-free alloys: viscosity and surface tension. Philosophical Magazine, 2018, 98, 37-53.	1.6	21
78	CP-Less OFDM With Alignment Signals for Enhancing Spectral Efficiency, Reducing Latency, and Improving PHY Security of 5G Services. IEEE Access, 2018, 6, 63649-63663.	4.2	21
79	Downlink resource allocation and packet scheduling in multi-numerology wireless systems. , 2018, , .		21
80	A review on multiple access interference cancellation and avoidance for IR-UWB. Signal Processing, 2007, 87, 623-653.	3.7	20
81	Opportunity detection for OFDMA-based cognitive radio systems with timing misalignment. IEEE Transactions on Wireless Communications, 2009, 8, 5300-5313.	9.2	20
82	An Adaptive Channel Interpolator Based on Kalman Filter for LTE Uplink in High Doppler Spread Environments. Eurasip Journal on Wireless Communications and Networking, 2009, 2009, .	2.4	20
83	In vivo wireless communication channels. , 2012, , .		20
84	Doppler Mitigation in OFDM-Based Aeronautical Communications. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 120-129.	4.7	20
85	A Two-Antenna Single RF Front-End DOA Estimation System for Wireless Communications Signals. IEEE Transactions on Antennas and Propagation, 2014, 62, 5321-5333.	5.1	20
86	Enhancing physical layer security of OFDM systems using channel shortening. , 2017, , .		20
87	Wireless Communication, Sensing, and REM: A Security Perspective. IEEE Open Journal of the Communications Society, 2021, 2, 287-321.	6.9	20
88	Statistical wireless channel propagation characteristics in underground mines at 900MHz: A comparative analysis with indoor channels. Ad Hoc Networks, 2013, 11, 1472-1483.	5.5	19
89	A practical physical-layer security method for precoded OSTBC-based systems. , 2016, , .		19
90	IQI Mitigation for Narrowband IoT Systems With OFDM-IM. IEEE Access, 2018, 6, 44626-44634.	4.2	19

#	ARTICLE	IF	CITATIONS
91	A Comparative Review on the Wireless Implantable Medical Devices Privacy and Security. , 2014, , .		19
92	Non-reducible, open tibial plafond fractures treated with a circular external fixator (is the current) Tj ETQq0 0 0 rgBT, Overlock, 10 Tf 50	1.7	18
93	Long-term urologic, orthopedic, and psychological outcome of posterior urethral rupture in children. Urology, 2005, 66, 174-179.	1.0	18
94	Adaptive Positioning Systems for Cognitive Radios. , 2007, , .		18
95	Fair and QoS-oriented resource management in heterogeneous networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	18
96	An analytical approach for thermodynamic properties of the six-component systems Ni-Cr-Co-Al-Mo-Ti and their subsystems. Physics of Metals and Metallography, 2013, 114, 1053-1060.	1.0	18
97	Secure pre-coding and post-coding for OFDM systems along with hardware implementation. , 2017, , .		18
98	Adaptive OFDM-IM for Enhancing Physical Layer Security and Spectral Efficiency of Future Wireless Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-16.	1.2	18
99	Ultra Wideband Geolocation. , 2005, , 43-75.		17
100	Signal identification for adaptive spectrum hyperspace access in wireless communications systems. , 2014, 52, 134-145.		17
101	Physical layer security for wireless implantable medical devices. , 2015, , .		17
102	Geometric modelling of viscosity of copper-containing liquid alloys. Philosophical Magazine, 2016, 96, 459-472.	1.6	17
103	A Waveform Parameter Assignment Framework for 6G With the Role of Machine Learning. IEEE Open Journal of Vehicular Technology, 2020, 1, 156-172.	4.9	17
104	Primary user emulation and jamming attack detection in cognitive radio via sparse coding. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	17
105	Generalized Coordinated Multipoint Framework for 5G and Beyond. IEEE Access, 2021, 9, 72499-72515.	4.2	17
106	IQ Imbalance Correction for OFDMA Uplink Systems. , 2009, , .		16
107	Time-Delay Estimation in Dispersed Spectrum Cognitive Radio Systems. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.7	16
108	An iterative interference cancellation method for co-channel multicarrier and narrowband systems. Physical Communication, 2011, 4, 13-25.	2.1	16

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109	Comparative Thermodynamic Prediction of Integral Properties of Six Component, Quaternary, and Ternary Systems. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 3753-3760.	2.2	16
110	NOMA for Multinumerology OFDM Systems. Wireless Communications and Mobile Computing, 2018, 2018, 1-9.	1.2	16
111	MMSE Noise Power and SNR Estimation for OFDM Systems. , 2006, , .		15
112	A comparative study of initial downlink channel estimation algorithms for mobile WiMAX. , 2007, , .		15
113	Joint Sidelobe Suppression and PAPR Reduction in OFDM Using Partial Transmit Sequences. , 2013, , .		15
114	A Windowing Technique for Optimal Time-Frequency Concentration and ACI Rejection in OFDM-Based Systems. IEEE Transactions on Communications, 2015, 63, 4977-4989.	7.8	15
115	Theoretical Analysis of the Co-Existence of LTE-A Signals and Design of an ML-SIC Receiver. IEEE Transactions on Wireless Communications, 2015, 14, 4626-4639.	9.2	15
116	Time-Asymmetric and Subcarrier-Specific Pulse Shaping in OFDM-Based Waveforms. IEEE Transactions on Vehicular Technology, 2015, 64, 5070-5082.	6.3	15
117	Cross MAC/PHY layer security design using ARQ with MRC and adaptive modulation. , 2016, , .		15
118	An investigation on surface tensions of Pb-free solder materials. Philosophical Magazine, 2016, 96, 2887-2901.	1.6	15
119	Utilization of aerial heterogeneous cellular networks: Signal-to-interference ratio analysis. Journal of Communications and Networks, 2018, 20, 484-495.	2.6	15
120	Inter-Numerology Interference Management With Adaptive Guards: A Cross-Layer Approach. IEEE Access, 2020, 8, 30378-30386.	4.2	15
121	The Roles of Ultra Wideband in Cognitive Networks. , 2007, , .		14
122	A comparative study of FBMC prototype filters in doubly dispersive channels. , 2012, , .		14
123	Secure communication in frequency selective channels with fade-avoiding subchannel usage. , 2014, , .		14
124	The impact of adaptive guards for 5G and beyond. , 2017, , .		14
125	Performance Analysis of OTFS Under In-Phase and Quadrature Imbalance at Transmitter. IEEE Transactions on Vehicular Technology, 2021, 70, 11761-11771.	6.3	14
126	Stable, metastable and unstable solutions of a spin-1 Ising system in the presence of magnetic fields due to the dipole and quadrupole moments. Journal of Magnetism and Magnetic Materials, 1995, 146, L247-L250.	2.3	13

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127	RAKE receiver finger assignment for ultra-wideband radio. , 0, , .		13
128	Effect of lymphedema on the recovery of fractures. Journal of Orthopaedic Science, 2007, 12, 578-584.	1.1	13
129	Multi-User Aware Frame Structure for OFDMA Based System. , 2012, , .		13
130	Air-Ground Doppler-delay spread spectrum for dense scattering environments. , 2015, , .		13
131	An OFDM Signal Identification Method for Wireless Communications Systems. IEEE Transactions on Vehicular Technology, 2015, 64, 5688-5700.	6.3	13
132	Low Complexity Peak-to-Average Power Ratio Reduction in OFDM-IM. , 2018, , .		13
133	Results of two different surgical techniques in the treatment of advanced-stage Freibergâ€™s disease. Indian Journal of Orthopaedics, 2016, 50, 70-73.	1.1	13
134	Comparison of Two Searchback Schemes for Non-Coherent TOA Estimation in IR-UWB Systems. , 2006, , .		12
135	Ranging Accuracy in Dynamic Spectrum Access Networks. IEEE Communications Letters, 2007, 11, 405-407.	4.1	12
136	Feature Suppression for Physical-layer Security in OFDM Systems. , 2007, , .		12
137	Cross-Modulation Interference and Mitigation Technique for Ultrawideband PPM Signaling. IEEE Transactions on Vehicular Technology, 2008, 57, 847-858.	6.3	12
138	Waveform design principles for 5G and beyond. , 2016, , .		12
139	Controlled Inter-Carrier Interference for Physical Layer Security in OFDM Systems. , 2016, , .		12
140	New generation waveform approaches for 5G and beyond. , 2016, , .		12
141	On signal space diversity: An adaptive interleaver for enhancing physical layer security in frequency selective fading channels. Physical Communication, 2017, 24, 154-160.	2.1	12
142	Low ICI Symbol Boundary Alignment for 5G Numerology Design. IEEE Access, 2018, 6, 2356-2366.	4.2	12
143	OFDM with Index Modulation for Asynchronous mMTC Networks. Sensors, 2018, 18, 1280.	3.8	12
144	Exploiting Sparsity Recovery for Compressive Spectrum Sensing: A Machine Learning Approach. IEEE Access, 2019, 7, 126098-126110.	4.2	12

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145	Spectrum Occupancy Prediction Exploiting Time and Frequency Correlations Through 2D-LSTM. , 2020, , .		12
146	New Physical Layer Key Generation Dimensions: Subcarrier Indices/Positions-Based Key Generation. IEEE Communications Letters, 2021, 25, 59-63.	4.1	12
147	Evaluation of frequency offset and Doppler effect in terrestrial RF and in underwater acoustic OFDM systems. , 2008, , .		11
148	Impact of Mobility on the Behavior of Interference in Cellular Wireless Networks. , 2008, , .		11
149	An efficient initial ranging algorithm for WiMAX (802.16e) OFDMA. Computer Communications, 2009, 32, 159-168.	5.1	11
150	Capacity of closed-access femtocell networks with dynamic spectrum reuse. , 2010, , .		11
151	A simulation study of performance trade-offs in open access femtocell networks. , 2010, , .		11
152	Joint Subcarrier and Antenna State Selection for Cognitive Heterogeneous Networks With Reconfigurable Antennas. IEEE Transactions on Communications, 2015, 63, 4015-4025.	7.8	11
153	Determination of surface tension of liquid ternary Niâ€“Cuâ€“Fe and sub-binary alloys. Philosophical Magazine, 2019, 99, 1206-1224.	1.6	11
154	Selection of Waveform Parameters Using Machine Learning for 5G and Beyond. , 2019, , .		11
155	Innovative Telecommunications Training through Flexible Radio Platforms. IEEE Communications Magazine, 2019, 57, 27-33.	6.1	11
156	Adaptive Joint Detection of Cochannel Signals for TDMA Handsets. IEEE Transactions on Communications, 2004, 52, 1722-1732.	7.8	10
157	TH-sequence construction for centralised UWB-IR systems in dispersive channels. Electronics Letters, 2004, 40, 491.	1.0	10
158	Statistical Wireless Channel Propagation Characteristics in Underground Mines at 900MHz. , 2007, , .		10
159	Opportunity Detection for OFDMA Systems with Timing Misalignment. , 2008, , .		10
160	MIMO-OFDMA Measurements; Reception, Testing, and Evaluation of WiMAX MIMO Signals With a Single Channel Receiver. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 713-721.	4.7	10
161	Searchback Algorithms for TOA Estimation in Non-coherent Low-rate IR-UWB Systems. Wireless Personal Communications, 2009, 48, 585-603.	2.7	10
162	Investigation of time selectivity of wireless channels through the use of RVC. Measurement: Journal of the International Measurement Confederation, 2010, 43, 1532-1541.	5.0	10

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163	Partially Overlapping Tones for Uncoordinated Networks. IEEE Transactions on Communications, 2014, 62, 3363-3375.	7.8	10
164	Secure multiple-users transmission using multi-path directional modulation. , 2016, , .		10
165	Cyclic feature suppression for physical layer security. Physical Communication, 2017, 25, 588-597.	2.1	10
166	An investigation of influencing of Sb and Bi contents on surface tensions associated with Pb-free Sn-Zn-Sb-Bi quaternary and sub-quaternary solder alloys. Philosophical Magazine, 2019, 99, 1825-1848.	1.6	10
167	Performance Analysis of Frequency Domain IM Schemes under CFO and IQ Imbalance. , 2019, , .		10
168	Lens Antenna Subarrays in mmWave Hybrid MIMO Systems. IEEE Access, 2020, 8, 216634-216644.	4.2	10
169	The ISPAT project: Implementation of a standardized training program for caregivers of children with tracheostomy. Pediatric Pulmonology, 2022, 57, 176-184.	2.0	10
170	Towards a Unified Framework for Physical Layer Security in 5G and Beyond Networks. IEEE Open Journal of Vehicular Technology, 2022, 3, 321-343.	4.9	10
171	Large-signal behavioral modeling of nonlinear amplifiers based on load-pull AM-AM and AM-PM measurements. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 3191-3196.	4.6	9
172	Is varus osteotomy necessary in one-stage treatment of developmental dislocation of the hip in older children?. Journal of Children's Orthopaedics, 2007, 1, 291-297.	1.1	9
173	Uplink User Signal Separation for OFDMA-Based Cognitive Radios. Eurasip Journal on Advances in Signal Processing, 2009, 2010, .	1.7	9
174	Challenges of aeronautical data networks. , 2010, , .		9
175	Optimization of aerial base station location in LAP for disaster situations. , 2015, , .		9
176	Cognitive Security of Wireless Communication Systems in the Physical Layer. Wireless Communications and Mobile Computing, 2017, 2017, 1-9.	1.2	9
177	Enhancing the Performance of Low Priority SUs Using Reserved Channels in CRN. IEEE Wireless Communications Letters, 2020, 9, 513-517.	5.0	9
178	Application-Based Coexistence of Different Waveforms on Non-Orthogonal Multiple Access. IEEE Open Journal of the Communications Society, 2021, 2, 67-79.	6.9	9
179	Performance analysis of UWB systems in the presence of timing jitter. Journal of Communications and Networks, 2004, 6, 182-191.	2.6	8
180	Cross-Modulation Interference for Pulse Position Modulated UWB Signals. , 0, , .		8

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181	Cognitive UWB-OFDM: Pushing ultra-wideband beyond its limit via opportunistic spectrum usage. Journal of Communications and Networks, 2006, 8, 151-157.	2.6	8
182	IQ Gain Imbalance Measurement for OFDM Based Wireless Communication Systems. , 2006, , .		8
183	Joint Parameter Estimation for UWB Energy Detectors Using OOK. Wireless Personal Communications, 2007, 40, 579-591.	2.7	8
184	Interference suppression for the LTE uplink. Physical Communication, 2013, 9, 23-44.	2.1	8
185	Experimental Characterization of In Vivo Wireless Communication Channels. , 2015, , .		8
186	Determinations of enthalpy and partial molar enthalpy in the alloys Biâ€“Cdâ€“Gaâ€“Inâ€“Zn, Biâ€“Cdâ€“Gaâ€“Zn, and Auâ€“Cuâ€“Sn. Materials Chemistry and Physics, 2015, 153, 384-389.	4.0	8
187	Theoretical calculation of surface tension and its temperature coefficient associated with liquid Cuâ€“Ti alloys. Philosophical Magazine, 2018, 98, 2529-2542.	1.6	8
188	Joint Random Subcarrier Selection and Channel-Based Artificial Signal Design Aided PLS. IEEE Wireless Communications Letters, 2020, , 1-1.	5.0	8
189	A Secure Downlink NOMA Scheme Against Unknown Internal Eavesdroppers. IEEE Wireless Communications Letters, 2021, 10, 1281-1285.	5.0	8
190	Efficient Spectrum Occupancy Prediction Exploiting Multidimensional Correlations through Composite 2D-LSTM Models. Sensors, 2021, 21, 135.	3.8	8
191	A Narrowband Interference Identification Approach for UWB Systems. , 0, , .		7
192	OFDM for Cognitive Radio: Merits and Challenges. , 2007, , 325-353.		7
193	Multidimensional signal analysis and measurements for cognitive radio systems. , 2008, , .		7
194	Cognitive intelligence in UAC channel parameter identification, measurement, estimation, and environment mapping. , 2009, , .		7
195	Modeling, simulation, testing, and measurements of wireless communication systems: A laboratory based approach. , 2009, , .		7
196	Impersonation attack identification for secure communication. , 2013, , .		7
197	Achieving secure communication through pilot manipulation. , 2015, , .		7
198	Bio-inspired filter banks for SSVEP-based brain-computer interfaces. , 2016, , .		7

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199	Surface tension estimation of high temperature melts of the binary alloys Ag-Au. Philosophical Magazine, 2017, 97, 2871-2887.	1.6	7
200	RF Circuit Implementation of a Real-Time Frequency Spread Emulator. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 241-243.	4.7	7
201	Optimization of Antenna Beamwidth under Blockage Impact in Millimeter-Wave Bands. , 2018, , .		7
202	Emulation Techniques for Small Scale Fading Aspects by Using Reverberation Chamber. IEEE Transactions on Antennas and Propagation, 2019, 67, 1246-1258.	5.1	7
203	Thermodynamic description of the viscosity of liquid solder alloys with minor Co impurities. Philosophical Magazine, 2019, 99, 267-283.	1.6	7
204	Non-Redundant OFDM Receiver Windowing for 5G Frames and Beyond. IEEE Transactions on Vehicular Technology, 2020, 69, 676-684.	6.3	7
205	Mid-term outcomes of surgical treatment in fractures in patients with osteopetrosis. Bone and Joint Journal, 2020, 102-B, 1082-1087.	4.4	7
206	A Spatially Adaptive Antenna Array for Mm-Wave Wireless Channel Control With Microfluidics Based Reconfiguration. IEEE Access, 2020, 8, 182898-182907.	4.2	7
207	Flexible Numerology in 5G NR: Interference Quantification and Proper Selection Depending on the Scenario. Mobile Information Systems, 2021, 2021, 1-9.	0.6	7
208	Cross-Layer Adaptation and Optimization for Cognitive Radio. , 2007, , 421-452.		7
209	Evaluation of the Clinical Features of 81 Patients with COVID-19: An Unpredictable Disease in Children. Journal of Pediatric Infectious Diseases, 2021, 16, 047-052.	0.2	7
210	Floating knee in children. Journal of Pediatric Orthopaedics, 2003, 23, 458-63.	1.2	7
211	Inter-Frame Interference in Time Hopping Impulse Radio Based UWB Systems for Coherent Receivers. , 2006, , .		6
212	Identification of LOS and NLOS for wireless Transmission. , 2006, , .		6
213	On the Statistics of Channel Models for UWB Ranging. , 2006, , .		6
214	Cross-Modulation Interference Reduction for Pulse-Position Modulated UWB Signals. , 2006, , .		6
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