

# 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	The ISPAT project: Implementation of a standardized training program for caregivers of children with tracheostomy. <i>Pediatric Pulmonology</i> , 2022, 57, 176-184.	2.0	10
2	IRS-Enabled Beam-Space Channel. <i>IEEE Transactions on Wireless Communications</i> , 2022, 21, 3822-3835.	9.2	5
3	Investigation of surface tension and viscosity properties of liquid Al–Au binary alloys. <i>Canadian Metallurgical Quarterly</i> , 2022, 61, 108-119.	1.2	0
4	Control of Electromagnetic Radiation on Coexisting Smart Radio Environment. <i>IEEE Open Journal of the Communications Society</i> , 2022, 3, 557-573.	6.9	4
5	Flexible Physical Layer Security for Joint Data and Pilots in Future Wireless Networks. <i>IEEE Transactions on Communications</i> , 2022, 70, 2635-2647.	7.8	5
6	Channel Randomness-Based Adaptive Cyclic Prefix Selection for Secure OFDM System. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 1220-1224.	5.0	2
7	Common CP-OFDM Transceiver Design for Low-Complexity Frequency Domain Equalization. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 1349-1353.	5.0	5
8	Physical Layer Authentication Scheme in BeamSpace MIMO Systems. <i>IEEE Communications Letters</i> , 2022, 26, 1484-1488.	4.1	2
9	Exploiting User Diversity in OTFS Transmission for Beyond 5G Wireless Systems. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 1689-1693.	5.0	3
10	Interactive CoMP Clustering for Load Balancing and Time Synchronization. , 2022, , .		0
11	Estimation and Exploitation of Multidimensional Sparsity for MIMO-OFDM Channel Estimation. , 2022, , .		2
12	Deep RL-Based Spectrum Occupancy Prediction Exploiting Time and Frequency Correlations. , 2022, , .		0
13	Joint Estimation of Multiple RF Impairments Using Deep Multi-Task Learning. , 2022, , .		3
14	Orthogonal Coexistence of Overlapped Radar and Communication Waveforms. , 2022, , .		2
15	Index Modulation-Aided IQ Imbalance Compensator for OTFS Communications Systems. , 2022, , .		4
16	Towards a Unified Framework for Physical Layer Security in 5G and Beyond Networks. <i>IEEE Open Journal of Vehicular Technology</i> , 2022, 3, 321-343.	4.9	10
17	Energy and Spectral-Efficient Lens Antenna Subarray Design in MmWave MIMO Systems. <i>IEEE Access</i> , 2022, 10, 75176-75185.	4.2	1
18	Flexible Guard Structure for Timing Synchronization in Coordinated Networks. <i>IEEE Communications Letters</i> , 2022, 26, 2505-2509.	4.1	0

#	ARTICLE	IF	CITATIONS
19	Physical Layer Security for Visible Light Communication in the Presence of ISI and NLoS. , 2022, , .		1
20	New Physical Layer Key Generation Dimensions: Subcarrier Indices/Positions-Based Key Generation. IEEE Communications Letters, 2021, 25, 59-63.	4.1	12
21	Multidimensional Index Modulation for 5G and Beyond Wireless Networks. Proceedings of the IEEE, 2021, 109, 170-199.	21.3	50
22	Precoding Based Cross-Tier Interference Mitigation in Centralized-RAN. IEEE Wireless Communications Letters, 2021, 10, 21-25.	5.0	1
23	Wireless sensing â€œ enabler of future wireless technologies. Turkish Journal of Electrical Engineering and Computer Sciences, 2021, 29, 1-17.	1.4	5
24	Generalized Coordinated Multipoint Framework for 5G and Beyond. IEEE Access, 2021, 9, 72499-72515.	4.2	17
25	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
26	Performance Analysis of OTFS Under In-Phase and Quadrature Imbalance at Transmitter. IEEE Transactions on Vehicular Technology, 2021, 70, 11761-11771.	6.3	14
27	Wireless Communication, Sensing, and REM: A Security Perspective. IEEE Open Journal of the Communications Society, 2021, 2, 287-321.	6.9	20
28	Estimation of Viscosity of Alloys Using Gibbs Free Energy of Mixing and Geometric Model. Russian Journal of Physical Chemistry A, 2021, 95, 586-595.	0.6	3
29	Flexible Numerology in 5G NR: Interference Quantification and Proper Selection Depending on the Scenario. Mobile Information Systems, 2021, 2021, 1-9.	0.6	7
30	Phase Index-Based Receive Spatial Modulation PHY Security Against Supervised Pattern Recognition. , 2021, , .		1
31	Blind Numerology Identification for Mixed Numerologies. , 2021, , .		0
32	Floating OFDM-SNM for PAPR and OOB Reduction. , 2021, , .		1
33	Interâ€œnumerology interference in OFDMâ€œM systems. IET Communications, 2021, 15, 1941-1949.	2.2	1
34	Numerology Scheduling for PAPR Reduction in Mixed Numerologies. IEEE Wireless Communications Letters, 2021, 10, 1197-1201.	5.0	6
35	Arraymetrics: Authentication Through Chaotic Antenna Array Geometries. IEEE Communications Letters, 2021, 25, 1801-1804.	4.1	4
36	A Secure Downlink NOMA Scheme Against Unknown Internal Eavesdroppers. IEEE Wireless Communications Letters, 2021, 10, 1281-1285.	5.0	8

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37	Joint-Mapping Orthogonal Frequency Division Multiplexing With Subcarrier Number Modulation. IEEE Transactions on Communications, 2021, 69, 4306-4318.	7.8	26
38	OFDM-IM for Joint Communication and Radar-Sensing: A Promising Waveform for Dual Functionality. Frontiers in Communications and Networks, 2021, 2, .	3.0	6
39	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
40	Efficient Spectrum Occupancy Prediction Exploiting Multidimensional Correlations through Composite 2D-LSTM Models. Sensors, 2021, 21, 135.	3.8	8
41	Periprosthetic infection risks and predictive value of C-reactive protein / albumin ratio for total joint arthroplasty. Acta Biomedica, 2021, 92, e2021324.	0.3	2
42	Physical Effect of In-Phase and Quadrature Imbalance in Delay-Doppler Domain. , 2021, , .		4
43	Efficient Power Allocation for MIMO CR-NOMA Networks. , 2021, , .		1
44	Sparse Coding with Enhanced Atom Selection for FDD Massive MIMO Channel Estimation. , 2021, , .		0
45	Non-Redundant OFDM Receiver Windowing for 5G Frames and Beyond. IEEE Transactions on Vehicular Technology, 2020, 69, 676-684.	6.3	7
46	Extensionless Adaptive Transmitter and Receiver Windowing of Beyond 5G Frames. IEEE Transactions on Vehicular Technology, 2020, 69, 1888-1902.	6.3	4
47	Guard Band Reduction for 5G and Beyond Multiple Numerologies. IEEE Communications Letters, 2020, 24, 644-647.	4.1	22
48	Enhancing the Performance of Low Priority SUs Using Reserved Channels in CRN. IEEE Wireless Communications Letters, 2020, 9, 513-517.	5.0	9
49	Orthogonal Frequency Division Multiplexing With Subcarrier Gap Modulation. , 2020, , .		2
50	Mid-term outcomes of surgical treatment in fractures in patients with osteopetrosis. Bone and Joint Journal, 2020, 102-B, 1082-1087.	4.4	7
51	Signal Relation-Based Physical Layer Authentication. , 2020, , .		3
52	Energy and Spectral Efficiency Tradeoff in NOMA: Multi-Objective Evolutionary Approaches. , 2020, , .		4
53	On the Inherent Physical-Layer Security of Receive Spatial Modulation Systems. , 2020, , .		2
54	A Spatially Adaptive Antenna Array for Mm-Wave Wireless Channel Control With Microfluidics Based Reconfiguration. IEEE Access, 2020, 8, 182898-182907.	4.2	7

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55	Secure and Reliable IoT Communications Using Nonorthogonal Signalsâ€™ Superposition with Dual-Transmission. , 2020, , .		4
56	Dynamic Sidelobe Multiplexing in Beamspace MIMO Systems. IEEE Wireless Communications Letters, 2020, 9, 2216-2219.	5.0	1
57	Physical Layer Detection of Malicious Relays in LTE-A Network Using Unsupervised Learning. IEEE Access, 2020, 8, 154713-154726.	4.2	2
58	Lens Antenna Subarrays in mmWave Hybrid MIMO Systems. IEEE Access, 2020, 8, 216634-216644.	4.2	10
59	Millimeterâ€wave propagation modeling and characterization at 32 GHz in indoor office for 5G networks. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22455.	1.2	5
60	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
61	Molar Volume Calculation of Molten Agâ€Cu and Cuâ€Agâ€In Alloy Systems Using General Solution Model. Russian Journal of Physical Chemistry A, 2020, 94, 332-340.	0.6	0
62	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
63	Joint Random Subcarrier Selection and Channel-Based Artificial Signal Design Aided PLS. IEEE Wireless Communications Letters, 2020, , 1-1.	5.0	8
64	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
65	Spectrum Occupancy Prediction Exploiting Time and Frequency Correlations Through 2D-LSTM. , 2020, , .		12
66	Reducing Precoder/Channel Mismatch and Enhancing Secrecy in Practical MIMO Systems Using Artificial Signals. IEEE Communications Letters, 2020, 24, 1347-1350.	4.1	1
67	User Pairing and Power Allocation Strategies for 3D VLC-NOMA Systems. IEEE Wireless Communications Letters, 2020, 9, 866-870.	5.0	34
68	Inter-Numerology Interference Management With Adaptive Guards: A Cross-Layer Approach. IEEE Access, 2020, 8, 30378-30386.	4.2	15
69	OFDM With Hybrid Number and Index Modulation. IEEE Access, 2020, 8, 55042-55053.	4.2	31
70	Joint Approach to Beam Optimization and User Association. , 2020, , .		0
71	Role of Wireless Communication in Healthcare System to Cater Disaster Situations Under 6G Vision. Frontiers in Communications and Networks, 2020, 1, .	3.0	23
72	Deep Learning-Assisted Detection of PUE and Jamming Attacks in Cognitive Radio Systems. , 2020, , .		3

#	ARTICLE	IF	CITATIONS
73	Single Carrier Transmission for URLLC with Adaptive Radio Resource Utilization. , 2019, , .		2
74	Dictionary Learning-Based BeamSpace Channel Estimation in Millimeter-Wave Massive MIMO Systems with a Lens Antenna Array. , 2019, , .		5
75	Exploiting Sparsity Recovery for Compressive Spectrum Sensing: A Machine Learning Approach. IEEE Access, 2019, 7, 126098-126110.	4.2	12
76	Minimizing The Number of Effective Channel Taps by Energy Optimization in Communications Systems. , 2019, , .		0
77	Inter-Numerology Interference for Beyond 5G. IEEE Access, 2019, 7, 146512-146523.	4.2	46
78	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
79	Sparse Coding for Transform Domain-Based Sparse OFDM Channel Estimation. , 2019, , .		2
80	Modulation Options for OFDM-Based Waveforms: Classification, Comparison, and Future Directions. IEEE Access, 2019, 7, 17263-17278.	4.2	53
81	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
82	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
83	DFT-Based Multi-Directions Directional Modulation. IEEE Wireless Communications Letters, 2019, 8, 1232-1235.	5.0	3
84	Fading-aligned OFDM with index modulation for mMTC services. Physical Communication, 2019, 35, 100680.	2.1	3
85	Waveform Designs for Cognitive Radio and Dynamic Spectrum Access Applications. , 2019, , 63-86.		1
86	Determination of surface tension of liquid ternary Niâ€“Cuâ€“Fe and sub-binary alloys. Philosophical Magazine, 2019, 99, 1206-1224.	1.6	11
87	Compressed Spectrum Sensing Using Sparse Recovery Convergence Patterns through Machine Learning Classification. , 2019, , .		1
88	Bio-Inspired Filter Banks for Frequency Recognition of SSVEP-Based Brainâ€“Computer Interfaces. IEEE Access, 2019, 7, 160295-160303.	4.2	5
89	Quantum laboratory setup for future wireless communication systems. AIP Conference Proceedings, 2019, , .	0.4	0
90	Selection of Waveform Parameters Using Machine Learning for 5G and Beyond. , 2019, , .		11

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91	Innovative Telecommunications Training through Flexible Radio Platforms. IEEE Communications Magazine, 2019, 57, 27-33.	6.1	11
92	Hybrid Terrestrial-Aerial Network for Ultra-Reliable Low-Latency Communication. , 2019, , .		2
93	The Evaluation of FFR for Interference Management in Coordinated Hybrid Terrestrial-Aerial Network. , 2019, , .		1
94	A Distributed User-Cell Association for Spectral and Energy Efficiency Tradeoff in Massive MIMO UDHNs. , 2019, , .		2
95	Malicious Relay Node Detection with Unsupervised Learning in Amplify-Forward Cooperative Networks. , 2019, , .		6
96	Performance Analysis of Frequency Domain IM Schemes under CFO and IQ Imbalance. , 2019, , .		10
97	Emulation Techniques for Small Scale Fading Aspects by Using Reverberation Chamber. IEEE Transactions on Antennas and Propagation, 2019, 67, 1246-1258.	5.1	7
98	Timeâ€“Frequency Warped Waveforms. IEEE Communications Letters, 2019, 23, 36-39.	4.1	6
99	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
100	Thermodynamic description of the viscosity of liquid solder alloys with minor Co impurities. Philosophical Magazine, 2019, 99, 267-283.	1.6	7
101	Randomized Beamforming With Generalized Selection Transmission for Security Enhancement in MISO Wiretap Channels. IEEE Access, 2018, 6, 5589-5595.	4.2	5
102	Low ICI Symbol Boundary Alignment for 5G Numerology Design. IEEE Access, 2018, 6, 2356-2366.	4.2	12
103	RF Circuit Implementation of a Real-Time Frequency Spread Emulator. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 241-243.	4.7	7
104	Calculation of the surface tension of liquid Ga-based alloys. Philosophical Magazine, 2018, 98, 1170-1185.	1.6	5
105	A Flexibility Metric and Optimization Methods for Mixed Numerologies in 5G and Beyond. IEEE Access, 2018, 6, 3755-3764.	4.2	59
106	Thresholds Optimization for One-Bit Feedback Multi-User Scheduling. IEEE Wireless Communications Letters, 2018, 7, 646-649.	5.0	2
107	Joint Optimization of Device to Device Resource and Power Allocation Based on Genetic Algorithm. IEEE Access, 2018, 6, 21173-21183.	4.2	37
108	Secure Spatial Multiple Access Using Directional Modulation. IEEE Transactions on Wireless Communications, 2018, 17, 563-573.	9.2	29

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109	Thermophysical properties of Cu-In-Sn liquid Pb-free alloys: viscosity and surface tension. Philosophical Magazine, 2018, 98, 37-53.	1.6	21
110	Inter-Numerology Interference Analysis for 5G and Beyond. , 2018, , .		28
111	Optimization of Antenna Beamwidth under Blockage Impact in Millimeter-Wave Bands. , 2018, , .		7
112	Iterative Tap Pursuit for Channel Shortening Equalizer Design. , 2018, , .		0
113	FDD Massive MIMO Downlink Channel Estimation via Selective Sparse Coding over AoA/AoD Cluster Dictionaries. , 2018, , .		1
114	Utilization of aerial heterogeneous cellular networks: Signal-to-interference ratio analysis. Journal of Communications and Networks, 2018, 20, 484-495.	2.6	15
115	Assessment of Thermodynamic Properties of Lead-Free Soldering Co-Sb-Sn, Ag-In-Pd-Sn, and Ni-Cr-Co-Al-Mo-Ti-Cu Alloys. Physics of Metals and Metallography, 2018, 119, 976-992.	1.0	2
116	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
117	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
118	Low Complexity Peak-to-Average Power Ratio Reduction in OFDM-IM. , 2018, , .		13
119	Hybrid precoding for mmWave massive MIMO systems with generalized triangular decomposition. , 2018, , .		6
120	NOMA for Multinumerology OFDM Systems. Wireless Communications and Mobile Computing, 2018, 2018, 1-9.	1.2	16
121	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
122	Theoretical calculation of surface tension and its temperature coefficient associated with liquid Cu-Ti alloys. Philosophical Magazine, 2018, 98, 2529-2542.	1.6	8
123	OFDM with Index Modulation for Asynchronous mMTC Networks. Sensors, 2018, 18, 1280.	3.8	12
124	IQI Mitigation for Narrowband IoT Systems With OFDM-IM. IEEE Access, 2018, 6, 44626-44634.	4.2	19
125	Communications Scenarios and a New Mixed Numerology Set for Flying Base Stations in 5G and Beyond. , 2018, , .		1
126	OFDM With Subcarrier Number Modulation. IEEE Wireless Communications Letters, 2018, 7, 914-917.	5.0	55



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127	Downlink resource allocation and packet scheduling in multi-numerology wireless systems. , 2018, , .		21
128	Effects of Robotic Rehabilitation on Motor Functions in Children with Cerebral Palsy. Meandros Medical and Dental Journal, 2018, 19, 211-218.	0.2	2
129	Åřok bileÅřenli kurÅřunsuz alaÅřÄ±mlara eÅřlik eden termodinamik Åřzelliklerin Belirlenmesi. Journal of the Faculty of Engineering and Architecture of Gazi University, 2018, 2018, .	0.8	2
130	Secure Orthogonal Transform Division Multiplexing (OTDM) Waveform for 5G and Beyond. IEEE Communications Letters, 2017, 21, 1191-1194.	4.1	41
131	Dynamic utilization of low-altitude platforms in aerial heterogeneous cellular networks. , 2017, , .		5
132	Flexible Radio Access Beyond 5G: A Future Projection on Waveform, Numerology, and Frame Design Principles. IEEE Access, 2017, 5, 18295-18309.	4.2	151
133	Millimeter-Wave Wireless Channel Control Using Spatially Adaptive Antenna Arrays. IEEE Communications Letters, 2017, 21, 680-683.	4.1	3
134	Partially overlapping filtered multitone with reconfigurable antennas in uncoordinated networks. Physical Communication, 2017, 25, 249-258.	2.1	0
135	On physical-layer concepts and metrics in secure signal transmission. Physical Communication, 2017, 25, 14-25.	2.1	36
136	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
137	Secure pre-coding and post-coding for OFDM systems along with hardware implementation. , 2017, , .		18
138	Secure communication via untrusted switchable decode-and-forward relay. , 2017, , .		3
139	Surface tension estimation of high temperature melts of the binary alloys Agâ€Au. Philosophical Magazine, 2017, 97, 2871-2887.	1.6	7
140	Waveform design priorities in different wireless communications systems for 5G beyond. , 2017, , .		3
141	Real-time 5G technology development platform. , 2017, , .		3
142	Anatomical Region-Specific In Vivo Wireless Communication Channel Characterization. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 1254-1262.	6.3	33
143	Cyclic feature suppression for physical layer security. Physical Communication, 2017, 25, 588-597.	2.1	10
144	Discrete fourier transform spread zero word OFDM. , 2017, , .		2

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145	A flexible hybrid waveform. , 2017, , .		5
146	OFDM-Subcarrier Index Selection for Enhancing Security and Reliability of 5G URLLC Services. IEEE Access, 2017, 5, 25863-25875.	4.2	85
147	Joint Time-Frequency Alignment for PAPR and OOB Suppression of OFDM-Based Waveforms. IEEE Communications Letters, 2017, 21, 2586-2589.	4.1	6
148	Enhancing physical layer security of OFDM systems using channel shortening. , 2017, , .		20
149	Adaptive windowing of insufficient CP for joint minimization of ISI and ACI beyond 5G. , 2017, , .		5
150	Statistical modeling of propagation channels for Terahertz band. , 2017, , .		57
151	The impact of adaptive guards for 5G and beyond. , 2017, , .		14
152	Cognitive Security of Wireless Communication Systems in the Physical Layer. Wireless Communications and Mobile Computing, 2017, 2017, 1-9.	1.2	9
153	Waveform Designs for Cognitive Radio and Dynamic Spectrum Access Applications. , 2017, , 1-24.		0
154	Waveform design principles for 5G and beyond. , 2016, , .		12
155	Static Cyclic Prefix Alignment for OFDM-Based Waveforms. , 2016, , .		2
156	On Reducing Multiband Spectrum Sensing Duration for Cognitive Radio Networks. , 2016, , .		6
157	Controlled Inter-Carrier Interference for Physical Layer Security in OFDM Systems. , 2016, , .		12
158	Zero Tail Filter Bank Spread OFDM. , 2016, , .		6
159	Enhancing physical-layer security in wireless communications using signal space diversity. , 2016, , .		5
160	Cross MAC/PHY layer security design using ARQ with MRC and adaptive modulation. , 2016, , .		15
161	In Vivo Communications: Steps Toward the Next Generation of Implantable Devices. IEEE Vehicular Technology Magazine, 2016, 11, 32-42.	3.4	21
162	Resource Allocation With Partially Overlapping Filtered Multitone in Cognitive Heterogeneous Networks. IEEE Communications Letters, 2016, 20, 962-965.	4.1	3

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163	Bio-inspired filter banks for SSVEP-based brain-computer interfaces. , 2016, , .		7
164	Secure transmission of commands using multicarrier structure for wireless implantable medical devices. , 2016, , .		0
165	A practical physical-layer security method for precoded OSTBC-based systems. , 2016, , .		19
166	An investigation on surface tensions of Pb-free solder materials. Philosophical Magazine, 2016, 96, 2887-2901.	1.6	15
167	Secure multiple-users transmission using multi-path directional modulation. , 2016, , .		10
168	Reliable listen-before-talk mechanism for medical implant communication systems. , 2016, , .		1
169	High-Gain Pattern Reconfigurable MIMO Antenna Array for Wireless Handheld Terminals. IEEE Transactions on Antennas and Propagation, 2016, 64, 4306-4315.	5.1	33
170	New generation waveform approaches for 5G and beyond. , 2016, , .		12
171	Thermodynamic investigations on the component dependences of high-entropy alloys. Russian Journal of Physical Chemistry A, 2016, 90, 2339-2345.	0.6	5
172	Secret key generation using channel quantization with SVD for reciprocal MIMO channels. , 2016, , .		22
173	Channel independent physical layer security. , 2016, , .		2
174	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
175	Geometric modelling of viscosity of copper-containing liquid alloys. Philosophical Magazine, 2016, 96, 459-472.	1.6	17
176	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
177	Secure Multi-User Transmission Using CoMP Directional Modulation. , 2015, , .		6
178	A survey: Spoofing attacks in physical layer security. , 2015, , .		39
179	Experimental Characterization of In Vivo Wireless Communication Channels. , 2015, , .		8
180	Physical layer security for wireless implantable medical devices. , 2015, , .		17

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181	Optimization of aerial base station location in LAP for disaster situations. , 2015, , .		9
182	N-continuous OFDM with CP alignment. , 2015, , .		2
183	Achieving secure communication through pilot manipulation. , 2015, , .		7
184	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
185	Air-Ground Doppler-delay spread spectrum for dense scattering environments. , 2015, , .		13
186	Suppressing alignment: An approach for out-of-band interference reduction in OFDM systems. , 2015, , .		2
187	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
188	An OFDM Signal Identification Method for Wireless Communications Systems. IEEE Transactions on Vehicular Technology, 2015, 64, 5688-5700.	6.3	13
189	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
190	On directional modulation: An analysis of transmission scheme with multiple directions. , 2015, , .		24
191	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
192	Joint Subcarrier and Antenna State Selection for Cognitive Heterogeneous Networks With Reconfigurable Antennas. IEEE Transactions on Communications, 2015, 63, 4015-4025.	7.8	11
193	Message from the IWCMC 2015 chairs. , 2015, , .		0
194	Time-Asymmetric and Subcarrier-Specific Pulse Shaping in OFDM-Based Waveforms. IEEE Transactions on Vehicular Technology, 2015, 64, 5070-5082.	6.3	15
195	Game Theoretical Partially Overlapping Filtered Multi-tones in Cognitive Heterogeneous Networks. , 2014, , .		5
196	Cyclic Feature Concealing CP Selection for Physical Layer Security. , 2014, , .		21
197	Random subcarrier allocation with supermodular game in cognitive heterogeneous networks. , 2014, , .		5
198	Clipping noise mitigation using partial transmit sequence for optical OFDM systems. , 2014, , .		5

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199	On the performance of subcarrier allocation techniques for multiuser OFDM cognitive networks with reconfigurable antennas. , 2014, , .		3
200	Channel interpolation for LTE uplink systems with high mobility using Slepian sequences. Physical Communication, 2014, 10, 169-178.	2.1	2
201	Intentional-overlapping for multicarrier schemes based on user-specific filters. Analog Integrated Circuits and Signal Processing, 2014, 78, 683-690.	1.4	4
202	Signal identification for adaptive spectrum hyperspace access in wireless communications systems. , 2014, 52, 134-145.		17
203	Doppler Mitigation in OFDM-Based Aeronautical Communications. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 120-129.	4.7	20
204	Secure communication in frequency selective channels with fade-avoiding subchannel usage. , 2014, , .		14
205	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
206	Partially Overlapping Tones for Uncoordinated Networks. IEEE Transactions on Communications, 2014, 62, 3363-3375.	7.8	10
207	A Survey on Multicarrier Communications: Prototype Filters, Lattice Structures, and Implementation Aspects. IEEE Communications Surveys and Tutorials, 2014, 16, 1312-1338.	39.4	294
208	Workshops and short courses. IEEE Microwave Magazine, 2014, 15, 38-50.	0.8	0
209	Mobility Performance of Macrocell-Assisted Small Cells in Manhattan Model. , 2014, , .		5
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