

Hseyin Arslan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

357
papers

7,182
citations

28
h-index

76
g-index

433
ext. papers

9,368
ext. citations

4.5
avg, IF

6.8
L-index

#	Paper	IF	Citations
357	Investigation of surface tension and viscosity properties of liquid Al ₂ O ₃ binary alloys. <i>Canadian Metallurgical Quarterly</i> , 2022 , 61, 108-119	0.9	0
356	The ISPAT project: Implementation of a standardized training program for caregivers of children with tracheostomy. <i>Pediatric Pulmonology</i> , 2022 , 57, 176-184	3.5	0
355	Control of Electromagnetic Radiation on Coexisting Smart Radio Environment. <i>IEEE Open Journal of the Communications Society</i> , 2022 , 3, 557-573	6.7	0
354	Flexible Physical Layer Security for Joint Data and Pilots in Future Wireless Networks. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	0
353	Channel Randomness-Based Adaptive Cyclic Prefix Selection for Secure OFDM System. <i>IEEE Wireless Communications Letters</i> , 2022 , 1-1	5.9	1
352	Common CP-OFDM Transceiver Design for Low-Complexity Frequency Domain Equalization. <i>IEEE Wireless Communications Letters</i> , 2022 , 1-1	5.9	0
351	Physical Layer Authentication Scheme in Beamspace MIMO Systems. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8	0
350	Exploiting User Diversity in OTFS Transmission for Beyond 5G Wireless Systems. <i>IEEE Wireless Communications Letters</i> , 2022 , 1-1	5.9	0
349	Multi-Numerology Waveform Parameter Assignment in 5G 2021 , 121-135		
348	Periprosthetic infection risks and predictive value of C-reactive protein / albumin ratio for total joint arthroplasty. <i>Acta Biomedica</i> , 2021 , 92, e2021324	3.2	1
347	IRS-Enabled Beam-Space Channel. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	1
346	Evaluation of the Clinical Features of 81 Patients with COVID-19: An Unpredictable Disease in Children. <i>Journal of Pediatric Infectious Diseases</i> , 2021 , 16, 047-052	0.4	2
345	Flexible Numerology in 5G NR: Interference Quantification and Proper Selection Depending on the Scenario. <i>Mobile Information Systems</i> , 2021 , 2021, 1-9	1.4	2
344	Multidimensional Signal Analysis 2021 , 49-76		
343	Performance Metrics and Measurements 2021 , 23-47		
342	Multiple Accessing, Multi-Numerology, Hybrid Waveforms 2021 , 235-265		
341	RF Impairments 2021 , 99-120		0

340	Digital Modulation and Pulse Shaping 2021 , 121-146		
339	Blind Signal Analysis 2021 , 355-381		
338	Wireless Channel and Interference 2021 , 267-323		2
337	Carrier and Time Synchronization 2021 , 325-353		
336	Hands-on Wireless Communication Experience 2021 , 1-21		
335	Analysis of Single-Carrier Communication Systems 2021 , 201-233		0
334	OFDM Signal Analysis and Performance Evaluation 2021 , 147-199		0
333	Simulating a Communication System 2021 , 77-97		
332	Radio Environment Monitoring 2021 , 383-423		0
331	Inter-numerology interference in OFDM-IM systems. <i>IET Communications</i> , 2021 , 15, 1941-1949	1.3	0
330	Numerology Scheduling for PAPR Reduction in Mixed Numerologies. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1197-1201	5.9	1
329	Arraymetrics: Authentication Through Chaotic Antenna Array Geometries. <i>IEEE Communications Letters</i> , 2021 , 25, 1801-1804	3.8	0
328	A Secure Downlink NOMA Scheme Against Unknown Internal Eavesdroppers. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 1281-1285	5.9	3
327	Joint-Mapping Orthogonal Frequency Division Multiplexing With Subcarrier Number Modulation. <i>IEEE Transactions on Communications</i> , 2021 , 69, 4306-4318	6.9	12
326	New Physical Layer Key Generation Dimensions: Subcarrier Indices/Positions-Based Key Generation. <i>IEEE Communications Letters</i> , 2021 , 25, 59-63	3.8	5
325	Multidimensional Index Modulation for 5G and Beyond Wireless Networks. <i>Proceedings of the IEEE</i> , 2021 , 109, 170-199	14.3	19
324	Precoding Based Cross-Tier Interference Mitigation in Centralized-RAN. <i>IEEE Wireless Communications Letters</i> , 2021 , 10, 21-25	5.9	1
323	Generalized Coordinated Multipoint Framework for 5G and Beyond. <i>IEEE Access</i> , 2021 , 9, 72499-72515	3.5	3

322	Application-Based Coexistence of Different Waveforms on Non-Orthogonal Multiple Access. <i>IEEE Open Journal of the Communications Society</i> , 2021 , 2, 67-79	6.7	3
321	Performance Analysis of OTFS under In-Phase and Quadrature Imbalance at Transmitter. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	3
320	Wireless Communication, Sensing, and REM: A Security Perspective. <i>IEEE Open Journal of the Communications Society</i> , 2021 , 2, 287-321	6.7	11
319	Estimation of Viscosity of Alloys Using Gibbs Free Energy of Mixing and Geometric Model. <i>Russian Journal of Physical Chemistry A</i> , 2021 , 95, 586-595	0.7	1
318	Millimeter-wave propagation modeling and characterization at 32 GHz in indoor office for 5G networks. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22455	1.5	1
317	A Waveform Parameter Assignment Framework for 6G With the Role of Machine Learning. <i>IEEE Open Journal of Vehicular Technology</i> , 2020 , 1, 156-172	5.3	6
316	Molar Volume Calculation of Molten Ag ₄₀ Al ₆₀ and Cu ₄₀ Al ₆₀ Alloy Systems Using General Solution Model. <i>Russian Journal of Physical Chemistry A</i> , 2020 , 94, 332-340	0.7	
315	A Hybrid Downlink NOMA With OFDM and OFDM-IM for Beyond 5G Wireless Networks. <i>IEEE Signal Processing Letters</i> , 2020 , 27, 491-495	3.2	21
314	Joint Random Subcarrier Selection and Channel-Based Artificial Signal Design Aided PLS. <i>IEEE Wireless Communications Letters</i> , 2020 , 1-1	5.9	5
313	Primary user emulation and jamming attack detection in cognitive radio via sparse coding. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2020 , 2020,	3.2	6
312	Spectrum Occupancy Prediction Exploiting Time and Frequency Correlations Through 2D-LSTM 2020 ,		6
311	Reducing Precoder/Channel Mismatch and Enhancing Secrecy in Practical MIMO Systems Using Artificial Signals. <i>IEEE Communications Letters</i> , 2020 , 24, 1347-1350	3.8	1
310	User Pairing and Power Allocation Strategies for 3D VLC-NOMA Systems. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 866-870	5.9	19
309	. <i>IEEE Access</i> , 2020 , 8, 30378-30386	3.5	5
308	OFDM With Hybrid Number and Index Modulation. <i>IEEE Access</i> , 2020 , 8, 55042-55053	3.5	11
307	Role of Wireless Communication in Healthcare System to Cater Disaster Situations Under 6G Vision. <i>Frontiers in Communications and Networks</i> , 2020 , 1,	3.3	10
306	Efficient Spectrum Occupancy Prediction Exploiting Multidimensional Correlations through Composite 2D-LSTM Models. <i>Sensors</i> , 2020 , 21,	3.8	1
305	Non-Redundant OFDM Receiver Windowing for 5G Frames and Beyond. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 676-684	6.8	5

304	. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 1888-1902	6.8	2
303	Guard Band Reduction for 5G and Beyond Multiple Numerologies. <i>IEEE Communications Letters</i> , 2020 , 24, 644-647	3.8	9
302	Enhancing the Performance of Low Priority SUs Using Reserved Channels in CRN. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 513-517	5.9	4
301	Orthogonal Frequency Division Multiplexing With Subcarrier Gap Modulation 2020 ,		1
300	Mid-term outcomes of surgical treatment in fractures in patients with osteopetrosis. <i>Bone and Joint Journal</i> , 2020 , 102-B, 1082-1087	5.6	2
299	Energy and Spectral Efficiency Tradeoff in NOMA: Multi-Objective Evolutionary Approaches 2020 ,		2
298	A Spatially Adaptive Antenna Array for Mm-Wave Wireless Channel Control With Microfluidics Based Reconfiguration. <i>IEEE Access</i> , 2020 , 8, 182898-182907	3.5	5
297	Secure and Reliable IoT Communications Using Nonorthogonal Signals Superposition with Dual-Transmission 2020 ,		1
296	Dynamic Sidelobe Multiplexing in Beamspace MIMO Systems. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 2216-2219	5.9	
295	Physical Layer Detection of Malicious Relays in LTE-A Network Using Unsupervised Learning. <i>IEEE Access</i> , 2020 , 8, 154713-154726	3.5	0
294	Lens Antenna Subarrays in mmWave Hybrid MIMO Systems. <i>IEEE Access</i> , 2020 , 8, 216634-216644	3.5	5
293	Inter-Numerology Interference for Beyond 5G. <i>IEEE Access</i> , 2019 , 7, 146512-146523	3.5	27
292	Reliability enhancement in multi-numerology-based 5G new radio using INI-aware scheduling. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2019 , 2019,	3.2	14
291	. <i>IEEE Access</i> , 2019 , 7, 17263-17278	3.5	26
290	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. <i>Philosophical Magazine</i> , 2019 , 99, 1825-1848	1.6	9
289	NOMA With Index Modulation for Uplink URLLC Through Grant-Free Access. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019 , 13, 1249-1257	7.5	35
288	DFT-Based Multi-Directions Directional Modulation. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 1232-1235	5.9	1
287	Fading-aligned OFDM with index modulation for mMTC services. <i>Physical Communication</i> , 2019 , 35, 100680	6.0	2

286	Waveform Designs for Cognitive Radio and Dynamic Spectrum Access Applications 2019 , 63-86		
285	Determination of surface tension of liquid ternary NiCuBe and sub-binary alloys. <i>Philosophical Magazine</i> , 2019 , 99, 1206-1224	1.6	9
284	User Association for Enhancing Physical Layer Security in Heterogeneous Network. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 227-238	0.2	1
283	Exploiting Sparsity Recovery for Compressive Spectrum Sensing: A Machine Learning Approach. <i>IEEE Access</i> , 2019 , 7, 126098-126110	3.5	8
282	Compressed Spectrum Sensing Using Sparse Recovery Convergence Patterns through Machine Learning Classification 2019 ,		1
281	Bio-Inspired Filter Banks for Frequency Recognition of SSVEP-Based Brain-Computer Interfaces. <i>IEEE Access</i> , 2019 , 7, 160295-160303	3.5	3
280	Selection of Waveform Parameters Using Machine Learning for 5G and Beyond 2019 ,		3
279	Innovative Telecommunications Training through Flexible Radio Platforms. <i>IEEE Communications Magazine</i> , 2019 , 57, 27-33	9.1	8
278	Hybrid Terrestrial-Aerial Network for Ultra-Reliable Low-Latency Communication 2019 ,		1
277	The Evaluation of FFR for Interference Management in Coordinated Hybrid Terrestrial-Aerial Network 2019 ,		1
276	A Distributed User-Cell Association for Spectral and Energy Efficiency Tradeoff in Massive MIMO UDHNs 2019 ,		2
275	Malicious Relay Node Detection with Unsupervised Learning in Amplify-Forward Cooperative Networks 2019 ,		3
274	Performance Analysis of Frequency Domain IM Schemes under CFO and IQ Imbalance 2019 ,		5
273	Emulation Techniques for Small Scale Fading Aspects by Using Reverberation Chamber. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 1246-1258	4.9	4
272	Time-Frequency Warped Waveforms. <i>IEEE Communications Letters</i> , 2019 , 23, 36-39	3.8	3
271	. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 1773-1828	37.1	219
270	Thermodynamic description of the viscosity of liquid solder alloys with minor Co impurities. <i>Philosophical Magazine</i> , 2019 , 99, 267-283	1.6	5
269	. <i>IEEE Access</i> , 2018 , 6, 5589-5595	3.5	3

268	Low ICI Symbol Boundary Alignment for 5G Numerology Design. <i>IEEE Access</i> , 2018 , 6, 2356-2366	3.5	7
267	RF Circuit Implementation of a Real-Time Frequency Spread Emulator. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018 , 67, 241-243	5.2	6
266	Calculation of the surface tension of liquid Ga-based alloys. <i>Philosophical Magazine</i> , 2018 , 98, 1170-1185	1.6	3
265	A Flexibility Metric and Optimization Methods for Mixed Numerologies in 5G and Beyond. <i>IEEE Access</i> , 2018 , 6, 3755-3764	3.5	37
264	Thresholds Optimization for One-Bit Feedback Multi-User Scheduling. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 646-649	5.9	2
263	Joint Optimization of Device to Device Resource and Power Allocation Based on Genetic Algorithm. <i>IEEE Access</i> , 2018 , 6, 21173-21183	3.5	22
262	Secure Spatial Multiple Access Using Directional Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 563-573	9.6	21
261	Joint PHY/MAC Layer Security Design Using ARQ With MRC and Null-Space Independent PAPR-Aware Artificial Noise in SISO Systems. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 6190-6204	9.6	19
260	Theoretical calculation of surface tension and its temperature coefficient associated with liquid Cu ₃ Ti alloys. <i>Philosophical Magazine</i> , 2018 , 98, 2529-2542	1.6	7
259	OFDM with Index Modulation for Asynchronous mMTC Networks. <i>Sensors</i> , 2018 , 18,	3.8	10
258	IQI Mitigation for Narrowband IoT Systems With OFDM-IM. <i>IEEE Access</i> , 2018 , 6, 44626-44634	3.5	9
257	OFDM With Subcarrier Number Modulation. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 914-917	5.9	29
256	Downlink resource allocation and packet scheduling in multi-numerology wireless systems 2018 ,		9
255	Thermophysical properties of Cu ₃ Ni liquid Pb-free alloys: viscosity and surface tension. <i>Philosophical Magazine</i> , 2018 , 98, 37-53	1.6	18
254	Inter-Numerology Interference Analysis for 5G and Beyond 2018 ,		15
253	Waveform Design for 5G and Beyond 2018 , 51-76		13
252	Optimization of Antenna Beamwidth under Blockage Impact in Millimeter-Wave Bands 2018 ,		5
251	Utilization of aerial heterogeneous cellular networks: Signal-to-interference ratio analysis. <i>Journal of Communications and Networks</i> , 2018 , 20, 484-495	4.1	11

250	Assessment of Thermodynamic Properties of Lead-Free Soldering CoSbSn, AgInPdSn, and NiCrCoAlMoTiCu Alloys. <i>Physics of Metals and Metallography</i> , 2018 , 119, 976-992	1.2	1
249	CP-Less OFDM With Alignment Signals for Enhancing Spectral Efficiency, Reducing Latency, and Improving PHY Security of 5G Services. <i>IEEE Access</i> , 2018 , 6, 63649-63663	3.5	11
248	Adaptive OFDM-IM for Enhancing Physical Layer Security and Spectral Efficiency of Future Wireless Networks. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-16	1.9	9
247	Low Complexity Peak-to-Average Power Ratio Reduction in OFDM-IM 2018 ,		8
246	Hybrid precoding for mmWave massive MIMO systems with generalized triangular decomposition 2018 ,		4
245	NOMA for Multinumerology OFDM Systems. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-9	1.9	11
244	Secure Orthogonal Transform Division Multiplexing (OTDM) Waveform for 5G and Beyond. <i>IEEE Communications Letters</i> , 2017 , 21, 1191-1194	3.8	28
243	Dynamic utilization of low-altitude platforms in aerial heterogeneous cellular networks 2017 ,		3
242	Flexible Radio Access Beyond 5G: A Future Projection on Waveform, Numerology, and Frame Design Principles. <i>IEEE Access</i> , 2017 , 5, 18295-18309	3.5	81
241	Millimeter-Wave Wireless Channel Control Using Spatially Adaptive Antenna Arrays. <i>IEEE Communications Letters</i> , 2017 , 21, 680-683	3.8	3
240	Partially overlapping filtered multitone with reconfigurable antennas in uncoordinated networks. <i>Physical Communication</i> , 2017 , 25, 249-258	2.2	
239	On physical-layer concepts and metrics in secure signal transmission. <i>Physical Communication</i> , 2017 , 25, 14-25	2.2	25
238	On signal space diversity: An adaptive interleaver for enhancing physical layer security in frequency selective fading channels. <i>Physical Communication</i> , 2017 , 24, 154-160	2.2	11
237	Secure pre-coding and post-coding for OFDM systems along with hardware implementation 2017 ,		15
236	Surface tension estimation of high temperature melts of the binary alloys AgAu. <i>Philosophical Magazine</i> , 2017 , 97, 2871-2887	1.6	5
235	Waveform design priorities in different wireless communications systems for 5G beyond 2017 ,		2
234	Real-time 5G technology development platform 2017 ,		1
233	Anatomical Region-Specific In Vivo Wireless Communication Channel Characterization. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017 , 21, 1254-1262	7.2	27

232	Cyclic feature suppression for physical layer security. <i>Physical Communication</i> , 2017 , 25, 588-597	2.2	8
231	A flexible hybrid waveform 2017 ,		1
230	OFDM-Subcarrier Index Selection for Enhancing Security and Reliability of 5G URLLC Services. <i>IEEE Access</i> , 2017 , 5, 25863-25875	3.5	44
229	Joint Time-Frequency Alignment for PAPR and OOB Suppression of OFDM-Based Waveforms. <i>IEEE Communications Letters</i> , 2017 , 21, 2586-2589	3.8	2
228	Enhancing physical layer security of OFDM systems using channel shortening 2017 ,		11
227	Adaptive windowing of insufficient CP for joint minimization of ISI and ACI beyond 5G 2017 ,		5
226	Statistical modeling of propagation channels for Terahertz band 2017 ,		31
225	The impact of adaptive guards for 5G and beyond 2017 ,		10
224	Cognitive Security of Wireless Communication Systems in the Physical Layer. <i>Wireless Communications and Mobile Computing</i> , 2017 , 2017, 1-9	1.9	4
223	Waveform Designs for Cognitive Radio and Dynamic Spectrum Access Applications 2017 , 1-24		
222	. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 4306-4315	4.9	20
221	New generation waveform approaches for 5G and beyond 2016 ,		8
220	Thermodynamic investigations on the component dependences of high-entropy alloys. <i>Russian Journal of Physical Chemistry A</i> , 2016 , 90, 2339-2345	0.7	3
219	Secret key generation using channel quantization with SVD for reciprocal MIMO channels 2016 ,		17
218	Suppressing Alignment: Joint PAPR and Out-of-Band Power Leakage Reduction for OFDM-Based Systems. <i>IEEE Transactions on Communications</i> , 2016 , 64, 1100-1109	6.9	21
217	Geometric modelling of viscosity of copper-containing liquid alloys. <i>Philosophical Magazine</i> , 2016 , 96, 459-472	1.6	17
216	In vivo wireless channel modeling 2016 , 187-211		2
215	Results of two different surgical techniques in the treatment of advanced-stage Freiberg's disease. <i>Indian Journal of Orthopaedics</i> , 2016 , 50, 70-3	1.3	9

214	Waveform design principles for 5G and beyond 2016 ,		6
213	On Reducing Multiband Spectrum Sensing Duration for Cognitive Radio Networks 2016 ,		5
212	Controlled Inter-Carrier Interference for Physical Layer Security in OFDM Systems 2016 ,		8
211	Zero Tail Filter Bank Spread OFDM 2016 ,		2
210	Cross MAC/PHY layer security design using ARQ with MRC and adaptive modulation 2016 ,		11
209	. <i>IEEE Vehicular Technology Magazine</i> , 2016 , 11, 32-42	9.9	17
208	Resource Allocation With Partially Overlapping Filtered Multitone in Cognitive Heterogeneous Networks. <i>IEEE Communications Letters</i> , 2016 , 20, 962-965	3.8	1
207	Bio-inspired filter banks for SSVEP-based brain-computer interfaces 2016 ,		5
206	A practical physical-layer security method for precoded OSTBC-based systems 2016 ,		13
205	An investigation on surface tensions of Pb-free solder materials. <i>Philosophical Magazine</i> , 2016 , 96, 2887-2901	2.9	12
204	Secure multiple-users transmission using multi-path directional modulation 2016 ,		9
203	Comparative Thermodynamic Prediction of Integral Properties of Six Component, Quaternary, and Ternary Systems. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2015 , 46, 3753-3760	2.3	14
202	On directional modulation: An analysis of transmission scheme with multiple directions 2015 ,		18
201	Theoretical Analysis of the Co-Existence of LTE-A Signals and Design of an ML-SIC Receiver. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 4626-4639	9.6	10
200	Joint Subcarrier and Antenna State Selection for Cognitive Heterogeneous Networks With Reconfigurable Antennas. <i>IEEE Transactions on Communications</i> , 2015 , 63, 4015-4025	6.9	9
199	Time-Asymmetric and Subcarrier-Specific Pulse Shaping in OFDM-Based Waveforms. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 5070-5082	6.8	11
198	Secure Multi-User Transmission Using CoMP Directional Modulation 2015 ,		2
197	A survey: Spoofing attacks in physical layer security 2015 ,		26

196	Experimental Characterization of In Vivo Wireless Communication Channels 2015 ,		6
195	Physical layer security for wireless implantable medical devices 2015 ,		12
194	Optimization of aerial base station location in LAP for disaster situations 2015 ,		5
193	Achieving secure communication through pilot manipulation 2015 ,		6
192	A Windowing Technique for Optimal Time-Frequency Concentration and ACI Rejection in OFDM-Based Systems. <i>IEEE Transactions on Communications</i> , 2015 , 63, 4977-4989	6.9	10
191	Air-Ground Doppler-delay spread spectrum for dense scattering environments 2015 ,		10
190	Determinations of enthalpy and partial molar enthalpy in the alloys BiCdGaIn, BiCdGaIn and AuCuSn. <i>Materials Chemistry and Physics</i> , 2015 , 153, 384-389	4.4	5
189	. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 5688-5700	6.8	7
188	Intentional-overlapping for multicarrier schemes based on user-specific filters. <i>Analog Integrated Circuits and Signal Processing</i> , 2014 , 78, 683-690	1.2	3
187	Signal identification for adaptive spectrum hyperspace access in wireless communications systems 2014 , 52, 134-145		14
186	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2014 , 50, 120-129	3.7	15
185	Secure communication in frequency selective channels with fade-avoiding subchannel usage 2014 ,		11
184	A Two-Antenna Single RF Front-End DOA Estimation System for Wireless Communications Signals. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 5321-5333	4.9	11
183	Partially Overlapping Tones for Uncoordinated Networks. <i>IEEE Transactions on Communications</i> , 2014 , 62, 3363-3375	6.9	9
182	A Survey on Multicarrier Communications: Prototype Filters, Lattice Structures, and Implementation Aspects. <i>IEEE Communications Surveys and Tutorials</i> , 2014 , 16, 1312-1338	37.1	209
181	Mobility Performance of Macrocell-Assisted Small Cells in Manhattan Model 2014 ,		4
180	Numerical characterization of in vivo wireless communication channels 2014 ,		5
179	Game Theoretical Partially Overlapping Filtered Multi-tones in Cognitive Heterogeneous Networks 2014 ,		5

178	Cyclic Feature Concealing CP Selection for Physical Layer Security 2014,		17
177	2014,		3
176	On the performance of subcarrier allocation techniques for multiuser OFDM cognitive networks with reconfigurable antennas 2014,		3
175	Channel interpolation for LTE uplink systems with high mobility using Slepian sequences. <i>Physical Communication</i> , 2014 , 10, 169-178	2.2	1
174	Gorham-Stout's disease in the metatarsus: a case report. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2014 , 48, 467-71	1.3	2
173	A Comparative Review on the Wireless Implantable Medical Devices Privacy and Security 2014,		19
172	Interference suppression based on soft blanking and iterative likelihood test for LTE uplink 2013,		2
171	Statistical wireless channel propagation characteristics in underground mines at 900 MHz: A comparative analysis with indoor channels. <i>Ad Hoc Networks</i> , 2013 , 11, 1472-1483	4.8	9
170	Fair and QoS-oriented resource management in heterogeneous networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2013 , 2013,	3.2	14
169	An analytical approach for thermodynamic properties of the six-component systems Ni-Cr-Co-Al-Mo-Ti and their subsystems. <i>Physics of Metals and Metallography</i> , 2013 , 114, 1053-1060	1.2	15
168	Joint Sidelobe Suppression and PAPR Reduction in OFDM Using Partial Transmit Sequences 2013,		10
167	Interference suppression for the LTE uplink. <i>Physical Communication</i> , 2013 , 9, 23-44	2.2	7
166	Distributions of Transmit Power and SINR in Device-to-Device Networks. <i>IEEE Communications Letters</i> , 2013 , 17, 273-276	3.8	56
165	Impersonation attack identification for secure communication 2013,		3
164	Mask Compliant Precoder for OFDM Spectrum Shaping. <i>IEEE Communications Letters</i> , 2013 , 17, 447-450	3.8	27
163	Cognitive Aeronautical Communication System 2013 , 20-35		
162	Throughput and delay analysis in Aeronautical Data Networks 2012,		2
161	In vivo wireless communication channels 2012,		17

160	User Distance Distribution for Overlapping and Coexisting Cell Scenarios. <i>IEEE Wireless Communications Letters</i> , 2012 , 1, 432-435	5.9	2
159	Identification of OFDM signals under multipath fading channels 2012 ,		4
158	Template matching for signal identification in cognitive radio systems 2012 ,		2
157	A comparative study of FBMC prototype filters in doubly dispersive channels 2012 ,		8
156	Multi-User Aware Frame Structure for OFDMA Based System 2012 ,		9
155	Signal Separation for Cognitive Wireless Communications. <i>Lecture Notes in Electrical Engineering</i> , 2012 , 221-238	0.2	
154	An efficient modulation identification algorithm without constellation map knowledge 2011 ,		2
153	An autoregressive approach for spectrum occupancy modeling and prediction based on synchronous measurements 2011 ,		13
152	. <i>IEEE Transactions on Power Delivery</i> , 2011 , 26, 181-187	4.3	43
151	Aeronautical ICI Analysis and Doppler Estimation. <i>IEEE Communications Letters</i> , 2011 , 15, 906-909	3.8	3
150	Cognitive Aeronautical Communication System. <i>International Journal of Interdisciplinary Telecommunications and Networking</i> , 2011 , 3, 20-35	0.4	0
149	An iterative interference cancellation method for co-channel multicarrier and narrowband systems. <i>Physical Communication</i> , 2011 , 4, 13-25	2.2	13
148	. <i>IEEE Communications Letters</i> , 2011 , 15, 1208-1211	3.8	61
147	Throughput analysis in Aeronautical Data Networks 2011 ,		2
146	Noise and channel statistics of indoor power line networks 2011 ,		2
145	A framework on wideband sensing and direction finding for location aware public safety cognitive radio 2011 ,		1
144	2011 ,		6
143	Interference Mitigation for LTE through Iterative Blanking 2011 ,		1

142	Improving data capacity in cellular networks through utilizing partially overlapping channels 2011 ,		1
141	Analysis of Uplink Inter-Carrier-Interference Observed at Femtocell Networks 2011 ,		5
140	A Review of Wireless and PLC Propagation Channel Characteristics for Smart Grid Environments. <i>Journal of Electrical and Computer Engineering</i> , 2011 , 2011, 1-12	1.9	21
139	Articulating Factors Defining RMS Delay Spread in LV PLC Networks. <i>Journal of Computer Systems, Networks, and Communications</i> , 2010 , 2010, 1-9		1
138	Fair and QoS-Oriented Spectrum Splitting in Macrocell-Femtocell Networks 2010 ,		18
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