

Hseyin Arslan

List of Publications by Citations

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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	A survey of spectrum sensing algorithms for cognitive radio applications. <i>IEEE Communications Surveys and Tutorials</i> , 2009 , 11, 116-130	37.1	2707
356	Channel estimation for wireless ofdm systems. <i>IEEE Communications Surveys and Tutorials</i> , 2007 , 9, 18-48	37.1	297
355	. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 1773-1828	37.1	219
354	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
353	OFDM for cognitive radio: merits and challenges. <i>IEEE Wireless Communications</i> , 2009 , 16, 6-15	13.4	198
352	Sidelobe suppression in OFDM-based spectrum sharing systems using adaptive symbol transition. <i>IEEE Communications Letters</i> , 2008 , 12, 133-135	3.8	125
351	Error vector magnitude to SNR conversion for nondata-aided receivers. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 2694-2704	9.6	102
350	Underground Mine Communications: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2009 , 11, 125-142	37.1	92
349	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
348	Utilization of Location Information in Cognitive Wireless Networks. <i>IEEE Wireless Communications</i> , 2007 , 14, 6-13	13.4	74
347	Handling CCI and ICI in OFDMA femtocell networks through frequency scheduling. <i>IEEE Transactions on Consumer Electronics</i> , 2009 , 55, 1936-1944	4.8	72
346	. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 4475-4483	9.6	65
345	Spectrum Characterization for Opportunistic Cognitive Radio Systems 2006 ,		63
344	. <i>IEEE Communications Letters</i> , 2011 , 15, 1208-1211	3.8	61
343	Distributions of Transmit Power and SINR in Device-to-Device Networks. <i>IEEE Communications Letters</i> , 2013 , 17, 273-276	3.8	56
342	Binary Time Series Approach to Spectrum Prediction for Cognitive Radio. <i>Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE</i> , 2007 ,		50
341	OFDM-Subcarrier Index Selection for Enhancing Security and Reliability of 5G URLLC Services. <i>IEEE Access</i> , 2017 , 5, 25863-25875	3.5	44

340	. <i>IEEE Transactions on Power Delivery</i> , 2011 , 26, 181-187	4.3	43
339	Exploiting location awareness toward improved wireless system design in cognitive radio 2008 , 46, 128-136		42
338	Carrier Frequency Offset Compensation with Successive Cancellation in Uplink OFDMA Systems. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 3546-3551	9.6	41
337	A Flexibility Metric and Optimization Methods for Mixed Numerologies in 5G and Beyond. <i>IEEE Access</i> , 2018 , 6, 3755-3764	3.5	37
336	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
335	Fundamental limits on time delay estimation in dispersed spectrum cognitive radio systems. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 78-83	9.6	34
334	An adaptive threshold method for spectrum sensing in multi-channel cognitive radio networks 2010 ,		33
333	Statistical modeling of propagation channels for Terahertz band 2017 ,		31
332	OFDM With Subcarrier Number Modulation. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 914-917	5.9	29
331	Interference aware vertical handoff decision algorithm for quality of service support in wireless heterogeneous networks. <i>Computer Networks</i> , 2010 , 54, 726-740	5.4	29
330	Secure Orthogonal Transform Division Multiplexing (OTDM) Waveform for 5G and Beyond. <i>IEEE Communications Letters</i> , 2017 , 21, 1191-1194	3.8	28
329	Public Safety and Emergency Case Communications: Opportunities from the Aspect of Cognitive Radio 2008 ,		28
328	OFDM Signal Identification and Transmission Parameter Estimation for Cognitive Radio Applications 2007 ,		28
327	Initial Ranging for WiMAX (802.16e) OFDMA 2006 ,		28
326	Inter-Numerology Interference for Beyond 5G. <i>IEEE Access</i> , 2019 , 7, 146512-146523	3.5	27
325	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
324	Mask Compliant Precoder for OFDM Spectrum Shaping. <i>IEEE Communications Letters</i> , 2013 , 17, 447-450	3.8	27
323	Channel Estimation for LTE Uplink in High Doppler Spread 2008 ,		27

322	Enabling location and environment awareness in cognitive radios. <i>Computer Communications</i> , 2008 , 31, 1114-1125	5.1	27
321	Spectrum Sensing for Cognitive Radio Applications 2007 , 263-289		27
320	. <i>IEEE Access</i> , 2019 , 7, 17263-17278	3.5	26
319	A survey: Spoofing attacks in physical layer security 2015 ,		26
318	On physical-layer concepts and metrics in secure signal transmission. <i>Physical Communication</i> , 2017 , 25, 14-25	2.2	25
317	. <i>IEEE Antennas and Propagation Magazine</i> , 2010 , 52, 41-61	1.7	24
316	Empirical results for wideband multidimensional spectrum usage 2009 ,		23
315	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
314	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
313	Secure Spatial Multiple Access Using Directional Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 563-573	9.6	21
312	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
311	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
310	MMSE Noise Plus Interference Power Estimation in Adaptive OFDM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 3857-3863	6.8	21
309	. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 4306-4315	4.9	20
308	Problem fractures associated with gunshot wounds in children. <i>Injury</i> , 2002 , 33, 743-9	2.5	20
307	Doppler spread estimation for wireless OFDM systems		20
306	User Pairing and Power Allocation Strategies for 3D VLC-NOMA Systems. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 866-870	5.9	19
305	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

304	A Comparative Review on the Wireless Implantable Medical Devices Privacy and Security 2014 ,		19
303	Multidimensional Index Modulation for 5G and Beyond Wireless Networks. <i>Proceedings of the IEEE</i> , 2021 , 109, 170-199	14.3	19
302	On directional modulation: An analysis of transmission scheme with multiple directions 2015 ,		18
301	Fair and QoS-Oriented Spectrum Splitting in Macrocell-Femtocell Networks 2010 ,		18
300	Long-term outcomes of conservatively treated paediatric pelvic fractures. <i>Injury</i> , 2004 , 35, 771-81	2.5	18
299	Thermophysical properties of CuInSn liquid Pb-free alloys: viscosity and surface tension. <i>Philosophical Magazine</i> , 2018 , 98, 37-53	1.6	18
298	Secret key generation using channel quantization with SVD for reciprocal MIMO channels 2016 ,		17
297	Geometric modelling of viscosity of copper-containing liquid alloys. <i>Philosophical Magazine</i> , 2016 , 96, 459-472	1.6	17
296	Cyclic Feature Concealing CP Selection for Physical Layer Security 2014 ,		17
295	In vivo wireless communication channels 2012 ,		17
294	Time Dispersion and Delay Spread Estimation for Adaptive OFDM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2008 , 57, 1715-1722	6.8	17
293	A review on multiple access interference cancellation and avoidance for IR-UWB. <i>Signal Processing</i> , 2007 , 87, 623-653	4.4	17
292	Outcome in unilateral or bilateral DDH treated with one-stage combined procedure. <i>Clinical Orthopaedics and Related Research</i> , 2008 , 466, 830-6	2.2	17
291	. <i>IEEE Vehicular Technology Magazine</i> , 2016 , 11, 32-42	9.9	17
290	An adaptive fuzzy logic based vertical handoff decision algorithm for wireless heterogeneous networks 2009 ,		16
289	. <i>IEEE Transactions on Education</i> , 2010 , 53, 532-541	2.1	16
288	Spectrum shaping of OFDM-based cognitive radio signals 2008 ,		16
287	Non-reducible, open tibial plafond fractures treated with a circular external fixator (is the current classification sufficient for identifying fractures in this area?). <i>Injury</i> , 2005 , 36, 1480-7	2.5	16

286	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2014 , 50, 120-129	3.7	15
285	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
284	Secure pre-coding and post-coding for OFDM systems along with hardware implementation 2017 ,		15
283	Opportunity detection for OFDMA-based cognitive radio systems with timing misalignment. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 5300-5313	9.6	15
282	Adaptive Positioning Systems for Cognitive Radios 2007 ,		15
281	Inter-Numerology Interference Analysis for 5G and Beyond 2018 ,		15
280	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
279	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
278	Signal identification for adaptive spectrum hyperspace access in wireless communications systems 2014 , 52, 134-145		14
277	Fair and QoS-oriented resource management in heterogeneous networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2013 , 2013,	3.2	14
276	An autoregressive approach for spectrum occupancy modeling and prediction based on synchronous measurements 2011 ,		13
275	An iterative interference cancellation method for co-channel multicarrier and narrowband systems. <i>Physical Communication</i> , 2011 , 4, 13-25	2.2	13
274	Long-term urologic, orthopedic, and psychological outcome of posterior urethral rupture in children. <i>Urology</i> , 2005 , 66, 174-9	1.6	13
273	A practical physical-layer security method for precoded OSTBC-based systems 2016 ,		13
272	Waveform Design for 5G and Beyond 2018 , 51-76		13
271	Physical layer security for wireless implantable medical devices 2015 ,		12
270	Time frequency analysis of noise generated by electrical loads in PLC 2010 ,		12
269	Effect of lymphedema on the recovery of fractures. <i>Journal of Orthopaedic Science</i> , 2007 , 12, 578-84	1.6	12

268	Ranging Accuracy in Dynamic Spectrum Access Networks. <i>IEEE Communications Letters</i> , 2007 , 11, 405-407.8	12
267	System Design for Cognitive Radio Communications 2006 ,	12
266	Stable, metastable and unstable solutions of a spin-1 Ising system in the presence of magnetic fields due to the dipole and quadrupole moments. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 146, L247-L250	2.8 12
265	Joint-Mapping Orthogonal Frequency Division Multiplexing With Subcarrier Number Modulation. <i>IEEE Transactions on Communications</i> , 2021 , 69, 4306-4318	6.9 12
264	An investigation on surface tensions of Pb-free solder materials. <i>Philosophical Magazine</i> , 2016 , 96, 2887-2901	12
263	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
262	OFDM With Hybrid Number and Index Modulation. <i>IEEE Access</i> , 2020 , 8, 55042-55053	3.5 11
261	Secure communication in frequency selective channels with fade-avoiding subchannel usage 2014 ,	11
260	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
259	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
258	Enhancing physical layer security of OFDM systems using channel shortening 2017 ,	11
257	An Adaptive Channel Interpolator Based on Kalman Filter for LTE Uplink in High Doppler Spread Environments. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2009 , 2009,	3.2 11
256	Time-Delay Estimation in Dispersed Spectrum Cognitive Radio Systems. <i>Eurasip Journal on Advances in Signal Processing</i> , 2010 , 2010,	1.9 11
255	Toward real-time adaptive low-rank LMMSE channel estimation of MIMO-OFDM systems. <i>IEEE Transactions on Wireless Communications</i> , 2006 , 5, 2675-2678	9.6 11
254	Ultra Wideband Geolocation 2005 , 43-75	11
253	Cross MAC/PHY layer security design using ARQ with MRC and adaptive modulation 2016 ,	11
252	Wireless Communication, Sensing, and REM: A Security Perspective. <i>IEEE Open Journal of the Communications Society</i> , 2021 , 2, 287-321	6.7 11
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	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
249	NOMA for Multinumerology OFDM Systems. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-9	1.9	11
248	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
247	OFDM with Index Modulation for Asynchronous mMTC Networks. <i>Sensors</i> , 2018 , 18,	3.8	10
246	Joint Sidelobe Suppression and PAPR Reduction in OFDM Using Partial Transmit Sequences 2013 ,		10
245	The impact of adaptive guards for 5G and beyond 2017 ,		10
244	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
243	Air-Ground Doppler-delay spread spectrum for dense scattering environments 2015 ,		10
242	IQ Imbalance Correction for OFDMA Uplink Systems 2009 ,		10
241	A comparative study of initial downlink channel estimation algorithms for mobile WiMAX 2007 ,		10
240	Comparison of Two Searchback Schemes for Non-Coherent TOA Estimation in IR-UWB Systems 2006 ,		10
239	The Roles of Ultra Wideband in Cognitive Networks 2007 ,		10
238	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
237	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
236	Determination of surface tension of liquid ternary NiCuBe and sub-binary alloys. <i>Philosophical Magazine</i> , 2019 , 99, 1206-1224	1.6	9
235	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
234	IQI Mitigation for Narrowband IoT Systems With OFDM-IM. <i>IEEE Access</i> , 2018 , 6, 44626-44634	3.5	9
233	Downlink resource allocation and packet scheduling in multi-numerology wireless systems 2018 ,		9

232	Partially Overlapping Tones for Uncoordinated Networks. <i>IEEE Transactions on Communications</i> , 2014 , 62, 3363-3375	6.9	9
231	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
230	Searchback Algorithms for TOA Estimation in Non-coherent Low-rate IR-UWB Systems. <i>Wireless Personal Communications</i> , 2009 , 48, 585-603	1.9	9
229	Multi-User Aware Frame Structure for OFDMA Based System 2012 ,		9
228	Cross-Modulation Interference and Mitigation Technique for Ultrawideband PPM Signaling. <i>IEEE Transactions on Vehicular Technology</i> , 2008 , 57, 847-858	6.8	9
227	Feature Suppression for Physical-layer Security in OFDM Systems 2007 ,		9
226	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
225	Guard Band Reduction for 5G and Beyond Multiple Numerologies. <i>IEEE Communications Letters</i> , 2020 , 24, 644-647	3.8	9
224	Secure multiple-users transmission using multi-path directional modulation 2016 ,		9
223	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
222	New generation waveform approaches for 5G and beyond 2016 ,		8
221	Exploiting Sparsity Recovery for Compressive Spectrum Sensing: A Machine Learning Approach. <i>IEEE Access</i> , 2019 , 7, 126098-126110	3.5	8
220	Cyclic feature suppression for physical layer security. <i>Physical Communication</i> , 2017 , 25, 588-597	2.2	8
219	Challenges of aeronautical data networks 2010 ,		8
218	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2009 , 58, 713-721	5.2	8
217	A comparative study of FBMC prototype filters in doubly dispersive channels 2012 ,		8
216	Investigation of time selectivity of wireless channels through the use of RVC. <i>Measurement: Journal of the International Measurement Confederation</i> , 2010 , 43, 1532-1541	4.6	8
215	Evaluation of frequency offset and Doppler effect in terrestrial RF and in underwater acoustic OFDM systems 2008 ,		8

214	MMSE Noise Power and SNR Estimation for OFDM Systems 2006,		8
213	Controlled Inter-Carrier Interference for Physical Layer Security in OFDM Systems 2016,		8
212	Innovative Telecommunications Training through Flexible Radio Platforms. <i>IEEE Communications Magazine</i> , 2019 , 57, 27-33	9.1	8
211	Low Complexity Peak-to-Average Power Ratio Reduction in OFDM-IM 2018,		8
210	Low ICI Symbol Boundary Alignment for 5G Numerology Design. <i>IEEE Access</i> , 2018 , 6, 2356-2366	3.5	7
209	Theoretical calculation of surface tension and its temperature coefficient associated with liquid Cu ₃₁ alloys. <i>Philosophical Magazine</i> , 2018 , 98, 2529-2542	1.6	7
208	Interference suppression for the LTE uplink. <i>Physical Communication</i> , 2013 , 9, 23-44	2.2	7
207	. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 5688-5700	6.8	7
206	A simulation study of performance trade-offs in open access femtocell networks 2010,		7
205	Is varus osteotomy necessary in one-stage treatment of developmental dislocation of the hip in older children?. <i>Journal of Children's Orthopaedics</i> , 2007 , 1, 291-7	2.1	7
204	RAKE receiver finger assignment for ultra-wideband radio		7
203	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
202	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
201	Spectrum Occupancy Prediction Exploiting Time and Frequency Correlations Through 2D-LSTM 2020,		6
200	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
199	Experimental Characterization of In Vivo Wireless Communication Channels 2015,		6
198	Achieving secure communication through pilot manipulation 2015,		6
197	An efficient initial ranging algorithm for WiMAX (802.16e) OFDMA. <i>Computer Communications</i> , 2009 , 32, 159-168	5.1	6

196	2011,		6
195	Multidimensional signal analysis and measurements for cognitive radio systems 2008,		6
194	Impact of Mobility on the Behavior of Interference in Cellular Wireless Networks 2008,		6
193	Statistical Wireless Channel Propagation Characteristics in Underground Mines at 900MHz 2007,		6
192	IQ Gain Imbalance Measurement for OFDM Based Wireless Communication Systems 2006,		6
191	. <i>Journal of Communications and Networks</i> , 2004 , 6, 182-191	4.1	6
190	Adaptive joint detection of cochannel signals for TDMA handsets. <i>IEEE Transactions on Communications</i> , 2004 , 52, 1722-1732	6.9	6
189	Cross-modulation interference for pulse position modulated UWB signals		6
188	A narrowband interference identification approach for UWB systems		6
187	Waveform design principles for 5G and beyond 2016,		6
186	Floating knee in children. <i>Journal of Pediatric Orthopaedics</i> , 2003 , 23, 458-63	2.4	6
185	Joint Random Subcarrier Selection and Channel-Based Artificial Signal Design Aided PLS. <i>IEEE Wireless Communications Letters</i> , 2020 , 1-1	5.9	5
184	. <i>IEEE Access</i> , 2020 , 8, 30378-30386	3.5	5
183	Numerical characterization of in vivo wireless communication channels 2014,		5
182	Surface tension estimation of high temperature melts of the binary alloys AgAu. <i>Philosophical Magazine</i> , 2017 , 97, 2871-2887	1.6	5
181	Adaptive windowing of insufficient CP for joint minimization of ISI and ACI beyond 5G 2017,		5
180	Optimization of aerial base station location in LAP for disaster situations 2015,		5
179	Determinations of enthalpy and partial molar enthalpy in the alloys BiCdGaIn, BiCdGaZn and AuCuSn. <i>Materials Chemistry and Physics</i> , 2015 , 153, 384-389	4.4	5

178	Game Theoretical Partially Overlapping Filtered Multi-tones in Cognitive Heterogeneous Networks 2014,		5
177	Cognitive intelligence in UAC channel parameter identification, measurement, estimation, and environment mapping 2009,		5
176	Modeling, simulation, testing, and measurements of wireless communication systems: A laboratory based approach 2009,		5
175	Analysis of Uplink Inter-Carrier-Interference Observed at Femtocell Networks 2011,		5
174	Joint Parameter Estimation for UWB Energy Detectors Using OOK. <i>Wireless Personal Communications</i> , 2007 , 40, 579-591	1.9	5
173	Large-signal behavioral modeling of nonlinear amplifiers based on load-pull AM-AM and AM-PM measurements. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2006 , 54, 3191-3196	4.1	5
172	Channel Frequency Response Estimation Under the Effect of RF Impairments in OFDM Based Wireless Systems 2006,		5
171	OFDM for Cognitive Radio: Merits and Challenges 2007 , 325-353		5
170	Adaptation of two types of processing gains for UWB impulse radio wireless sensor networks. <i>IET Communications</i> , 2007 , 1, 1280	1.3	5
169	Identification of LOS and NLOS for wireless Transmission 2006,		5
168	UWB Cognitive Radio 2007 , 355-381		5
167	Non-Redundant OFDM Receiver Windowing for 5G Frames and Beyond. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 676-684	6.8	5
166	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
165	Lens Antenna Subarrays in mmWave Hybrid MIMO Systems. <i>IEEE Access</i> , 2020 , 8, 216634-216644	3.5	5
164	On Reducing Multiband Spectrum Sensing Duration for Cognitive Radio Networks 2016,		5
163	Bio-inspired filter banks for SSVEP-based brain-computer interfaces 2016,		5
162	Performance Analysis of Frequency Domain IM Schemes under CFO and IQ Imbalance 2019,		5
161	Thermodynamic description of the viscosity of liquid solder alloys with minor Co impurities. <i>Philosophical Magazine</i> , 2019 , 99, 267-283	1.6	5

160	New Physical Layer Key Generation Dimensions: Subcarrier Indices/Positions-Based Key Generation. <i>IEEE Communications Letters</i> , 2021 , 25, 59-63	3.8	5
159	Optimization of Antenna Beamwidth under Blockage Impact in Millimeter-Wave Bands 2018 ,		5
158	Mobility Performance of Macrocell-Assisted Small Cells in Manhattan Model 2014 ,		4
157	Cognitive Security of Wireless Communication Systems in the Physical Layer. <i>Wireless Communications and Mobile Computing</i> , 2017 , 2017, 1-9	1.9	4
156	Identification of OFDM signals under multipath fading channels 2012 ,		4
155	Iterative Interference Cancellation for Co-Channel Multicarrier and Narrowband Systems 2010 ,		4
154	Capacity of closed-access femtocell networks with dynamic spectrum reuse 2010 ,		4
153	Performance comparison of time delay estimation for whole and dispersed spectrum utilization in cognitive radio systems 2009 ,		4
152	Opportunity Detection for OFDMA Systems with Timing Misalignment 2008 ,		4
151	Reception and Measurement of MIMO-OFDM Signals with a Single Receiver. <i>Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE</i> , 2007 ,		4
150	Cognitive UWB-OFDM: Pushing ultra-wideband beyond its limit via opportunistic spectrum usage. <i>Journal of Communications and Networks</i> , 2006 , 8, 151-157	4.1	4
149	The role of channel frequency response estimation in the measurement of RF impairments in OFDM systems 2006 ,		4
148	On the Statistics of Channel Models for UWB Ranging 2006 ,		4
147	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
146	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
145	Hybrid precoding for mmWave massive MIMO systems with generalized triangular decomposition 2018 ,		4
144	Location Information Management Systems for Cognitive Wireless Networks 2007 , 291-323		4
143	Cross-Layer Adaptation and Optimization for Cognitive Radio 2007 , 421-452		4

142	Dynamic utilization of low-altitude platforms in aerial heterogeneous cellular networks 2017 ,		3
141	Millimeter-Wave Wireless Channel Control Using Spatially Adaptive Antenna Arrays. <i>IEEE Communications Letters</i> , 2017 , 21, 680-683	3.8	3
140	. <i>IEEE Access</i> , 2018 , 6, 5589-5595	3.5	3
139	Calculation of the surface tension of liquid Ga-based alloys. <i>Philosophical Magazine</i> , 2018 , 98, 1170-1185	1.6	3
138	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
137	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
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