Wei Xiang

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.

68 5,719 304 35 h-index g-index citations papers 6.52 361 7,383 4.8 L-index avg, IF ext. citations ext. papers

#	Paper	IF	Citations
304	Learning-based high-efficiency compression framework for light field videos. <i>Multimedia Tools and Applications</i> , 2022 , 81, 7527	2.5	
303	Integrated Satellite-Terrestrial Networks With Coordinated C-NOMA and Relay Transmission. <i>IEEE Systems Journal</i> , 2022 , 1-11	4.3	3
302	On Codeword Bits Disparity in Polar Codes. <i>Lecture Notes of the Institute for Computer Sciences,</i> Social-Informatics and Telecommunications Engineering, 2022 , 367-377	0.2	
301	Nitrogen prediction in the Great Barrier Reef using finite element analysis with deep neural networks. <i>Environmental Modelling and Software</i> , 2022 , 105311	5.2	
300	A Low-Complexity Codebook Optimization Scheme for Sparse Code Multiple Access. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	2
299	Modeling and simulating in-memory memristive deep learning systems: An overview of current efforts. <i>Array</i> , 2022 , 13, 100116	4.7	2
298	A Deep Learning Model for Network Intrusion Detection with Imbalanced Data. <i>Electronics</i> (Switzerland), 2022 , 11, 898	2.6	6
297	Improved Sine-Tangent chaotic map with application in medical images encryption. <i>Journal of Information Security and Applications</i> , 2022 , 66, 103131	3.5	3
296	MemTorch: An Open-source Simulation Framework for Memristive Deep Learning Systems. <i>Neurocomputing</i> , 2022 , 485, 124-133	5.4	1
295	Contextual User-Centric Task Offloading for Mobile Edge Computing in Ultra-Dense Network. <i>IEEE Transactions on Mobile Computing</i> , 2022 , 1-1	4.6	О
294	Spatio-Temporal-Frequency Graph Attention Convolutional Network for Aircraft Recognition Based on Heterogeneous Radar Network. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2022 , 1-1	3.7	1
293	A computationally efficient CNN-LSTM neural network for estimation of blood pressure from features of electrocardiogram and photoplethysmogram waveforms. <i>Knowledge-Based Systems</i> , 2022 , 250, 109151	7.3	1
292	Asynchronous Coded Caching Strategy With Nonuniform Demands for IoV Networks 2021,		1
291	. IEEE Transactions on Aerospace and Electronic Systems, 2021 , 1-1	3.7	1
290	SAP: An IoT Application Module Placement Strategy Based on Simulated Annealing Algorithm in Edge-Cloud Computing. <i>Journal of Sensors</i> , 2021 , 2021, 1-12	2	O
289	Global repair bandwidth cost optimization of generalized regenerating codes in clustered distributed storage systems. <i>IET Communications</i> , 2021 , 15, 2469	1.3	
288	A Low-Powered and Highly Selective Trap for Male Aedes (Diptera: Culicidae) Surveillance: The Male Aedes Sound Trap. <i>Journal of Medical Entomology</i> , 2021 , 58, 408-415	2.2	7

(2021-2021)

287	A Coded Distributed Computing Framework for Task Offloading from Multi-UAV to Edge Servers 2021 ,		3	
286	Determining respiratory rate from photoplethysmogram and electrocardiogram signals using respiratory quality indices and neural networks. <i>PLoS ONE</i> , 2021 , 16, e0249843	3.7	2	
285	Designing (Diptera: Culicidae) Mosquito Traps: The Evolution of the Male Sound Trap by Iterative Evaluation. <i>Insects</i> , 2021 , 12,	2.8	2	
284	SeeCucumbers: Using Deep Learning and Drone Imagery to Detect Sea Cucumbers on Coral Reef Flats. <i>Drones</i> , 2021 , 5, 28	5.4	1	
283	Precoded Optical Spatial Modulation for Indoor Visible Light Communications. <i>IEEE Transactions on Communications</i> , 2021 , 69, 2518-2531	6.9		
282	Consensus Forecast of Rainfall Using Hybrid Climate Learning Model. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 7270-7278	10.7	2	
281	Anypath Routing Protocol Design via Q-Learning for Underwater Sensor Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 8173-8190	10.7	6	
280	Dynamic Energy Dispatch Based on Deep Reinforcement Learning in IoT-Driven Smart Isolated Microgrids. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 7938-7953	10.7	13	
279	CCOS: A Coded Computation Offloading Strategy for Satellite-Terrestrial Integrated Networks 2021 ,		1	
278	Hybridized neural networks for non-invasive and continuous mortality risk assessment in neonates. <i>Computers in Biology and Medicine</i> , 2021 , 134, 104521	7	2	
277	C++20 Coroutines on Microcontrollers What We Learned. <i>IEEE Embedded Systems Letters</i> , 2021 , 13, 9-12	1	O	
276	Sea Surface Temperature Forecasting With Ensemble of Stacked Deep Neural Networks. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	2	
275	. IEEE Communications Surveys and Tutorials, 2021 , 23, 904-956	37.1	67	
274	Transmit Antenna Selection for Full-Duplex Spatial Modulation Based on Machine Learning. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	3	
273	A Novel Hybrid Code-Domain Index Modulation Scheme. IEEE Communications Letters, 2021, 1-1	3.8	O	
272	Energy-Aware Coded Caching Strategy Design with Resource Optimization for Satellite-UAV-Vehicle Integrated Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	11	
271	Deep Scattering Network With Fractional Wavelet Transform. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 4740-4757	4.8	7	
270	Outcomes from international field trials with Male Aedes Sound Traps: Frequency-dependent effectiveness in capturing target species in relation to bycatch abundance. <i>PLoS Neglected Tropical Diseases</i> 2021 , 15, e0009061	4.8	4	

269	. IEEE Transactions on Industrial Informatics, 2021 , 17, 1397-1406	11.9	25
268	Artificial Noise Assisted Secure Transmission for Uplink of Massive MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 6750-6762	6.8	3
267	A hybrid neural network for continuous and non-invasive estimation of blood pressure from raw electrocardiogram and photoplethysmogram waveforms. <i>Computer Methods and Programs in Biomedicine</i> , 2021 , 207, 106191	6.9	8
266	Stable isotopes of deep soil water retain long-term evaporation loss on China's Loess Plateau. <i>Science of the Total Environment</i> , 2021 , 784, 147153	10.2	6
265	Deep Adaptive Blending Network for 3D Magnetic Resonance Image Denoising. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , 25, 3321-3331	7.2	2
264	Repair Delay Analysis of Mobile Storage Systems Using Erasure Codes and Relay Cooperation. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	1
263	A Novel Occlusion-aware Vote Cost for Light Field Depth Estimation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021 , PP,	13.3	2
262	Classification of Diabetic Foot Ulcers Using Class Knowledge Banks <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 811028	5.8	2
261	A Polar Codes-Based Distributed UEP Scheme for the Internet of Things. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-10	1.9	
260	Novel Short-Time Fractional Fourier Transform: Theory, Implementation, and Applications. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 3280-3295	4.8	21
259	Optimization of Data Exchange in 5G Vehicle-to-Infrastructure Edge Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 9376-9389	6.8	3
258	Performance Analysis and Optimization of Secure Generalized Spatial Modulation. <i>IEEE Transactions on Communications</i> , 2020 , 68, 4451-4460	6.9	5
257	Energy-Efficient Hybrid Precoder With Adaptive Overlapped Subarrays for Large-Array mmWave Systems. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 1484-1502	9.6	10
256	Novel Fractional Wavelet Packet Transform: Theory, Implementation, and Applications. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 4041-4054	4.8	9
255	Expectation Propagation Aided Frequency Domain Turbo Equalizer for Single-Carrier Spatial Modulation Systems. <i>IEEE Communications Letters</i> , 2020 , 24, 1124-1128	3.8	
254	Denoising Higher-Order Moments for Blind Digital Modulation Identification in Multiple-Antenna Systems. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 765-769	5.9	2
253	Impact of Imperfect Angle Estimation on Spatial and Directional Modulation. <i>IEEE Access</i> , 2020 , 8, 7081-	·30 9 2	2
252	Space-Frequency Index Modulation for Combating ICI in Intelligent Mobility Communications. <i>IEEE Access</i> , 2020 , 8, 21272-21281	3.5	1

(2019-2020)

251	On Pilot Spoofing Attack in Massive MIMO Systems: Detection and Countermeasure. <i>IEEE Transactions on Information Forensics and Security</i> , 2020 , 1-1	8	13
250	Optimal content placement for cache-enabled IoT networks with local channel state information based joint transmission. <i>IET Communications</i> , 2020 , 14, 2628-2638	1.3	2
249	Coded Storage-and-Computation: A New Paradigm to Enhancing Intelligent Services in Space-Air-Ground Integrated Networks. <i>IEEE Wireless Communications</i> , 2020 , 27, 44-51	13.4	10
248	MMSE-based secure precoding in two-way relaying systems. <i>IET Communications</i> , 2020 , 14, 3813-3819	1.3	
247	MONET Special Issue on Towards Future Ad Hoc Networks: Technologies and Applications (I). <i>Mobile Networks and Applications</i> , 2020 , 25, 756-759	2.9	1
246	Omnidirectional Motion Classification With Monostatic Radar System Using Micro-Doppler Signatures. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020 , 58, 3574-3587	8.1	46
245	Deep Learning-Based Detection for Moderate-Density Code Multiple Access in IoT Networks. <i>IEEE Communications Letters</i> , 2020 , 24, 122-125	3.8	7
244	\${N}\$ -Continuous Signaling for GFDM. <i>IEEE Transactions on Communications</i> , 2020 , 68, 947-958	6.9	1
243	Zigzag Decodable Online Fountain Codes With High Intermediate Symbol Recovery Rates. <i>IEEE Transactions on Communications</i> , 2020 , 68, 6629-6641	6.9	3
242	. China Communications, 2020 , 17, 45-57	3	3
242	. China Communications, 2020, 17, 45-57 Training Progressively Binarizing Deep Networks using FPGAs 2020,	3	3
		3 4.9	
241	Training Progressively Binarizing Deep Networks using FPGAs 2020 , Continuous and automatic mortality risk prediction using vital signs in the intensive care unit: a		
241 240	Training Progressively Binarizing Deep Networks using FPGAs 2020, Continuous and automatic mortality risk prediction using vital signs in the intensive care unit: a hybrid neural network approach. <i>Scientific Reports</i> , 2020, 10, 21282	4.9	3
241 240 239	Training Progressively Binarizing Deep Networks using FPGAs 2020, Continuous and automatic mortality risk prediction using vital signs in the intensive care unit: a hybrid neural network approach. Scientific Reports, 2020, 10, 21282 . IEEE Transactions on Network Science and Engineering, 2020, 7, 2310-2322 Approximate Message Passing Detector Based Upon Probability Sorting for Large-Scale GSM	4.9	3 8
241 240 239 238	Training Progressively Binarizing Deep Networks using FPGAs 2020, Continuous and automatic mortality risk prediction using vital signs in the intensive care unit: a hybrid neural network approach. Scientific Reports, 2020, 10, 21282 . IEEE Transactions on Network Science and Engineering, 2020, 7, 2310-2322 Approximate Message Passing Detector Based Upon Probability Sorting for Large-Scale GSM Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 9303-9307 Joint Beam and Resource Allocation in 5G mmWave Small Cell Systems. IEEE Transactions on	4.9 4.9 6.8	1 3 8
241 240 239 238	Training Progressively Binarizing Deep Networks using FPGAs 2020, Continuous and automatic mortality risk prediction using vital signs in the intensive care unit: a hybrid neural network approach. Scientific Reports, 2020, 10, 21282 . IEEE Transactions on Network Science and Engineering, 2020, 7, 2310-2322 Approximate Message Passing Detector Based Upon Probability Sorting for Large-Scale GSM Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 9303-9307 Joint Beam and Resource Allocation in 5G mmWave Small Cell Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 10272-10277 Priori-Aided Detection for Generalized Space-and-Frequency Index Modulation Systems With	4.9 4.9 6.8	1 3 8 2 16

233	Enhanced Receive Spatial Modulation Based on Power Allocation. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019 , 13, 1312-1325	7.5	13
232	User-priority-based resource allocation for device-to-device communications in 5G underlaying cellular networks. <i>IET Communications</i> , 2019 , 13, 1016-1024	1.3	3
231	Fourth Order MCA and Chaos-Based Image Encryption Scheme. <i>IEEE Access</i> , 2019 , 7, 66395-66409	3.5	10
230	Region-of-Interest Compression and View Synthesis for Light Field Video Streaming. <i>IEEE Access</i> , 2019 , 7, 41183-41192	3.5	11
229	Person Identification Using Micro-Doppler Signatures of Human Motions and UWB Radar. <i>IEEE Microwave and Wireless Components Letters</i> , 2019 , 29, 366-368	2.6	30
228	Novel Medical Image Encryption Scheme Based on Chaos and DNA Encoding. <i>IEEE Access</i> , 2019 , 7, 3666	57 ₃ 35668	31 86
227	Dimension-Deficient Channel Estimation of Hybrid Beamforming Based on Compressive Sensing. <i>IEEE Access</i> , 2019 , 7, 13791-13798	3.5	7
226	Performance of ED-Based Non-Coherent Massive SIMO Systems in Correlated Rayleigh Fading. <i>IEEE Access</i> , 2019 , 7, 14058-14069	3.5	6
225	Complexity Problems Handled by Big Data Technology. <i>Complexity</i> , 2019 , 2019, 1-7	1.6	3
224	Non-Coherent Massive SIMO Systems in ISI Channels: Constellation Design and Performance Analysis. <i>IEEE Systems Journal</i> , 2019 , 13, 2252-2263	4.3	2
223	Semisupervised Learning Based on a Novel Iterative Optimization Model for Saliency Detection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 225-241	10.3	8
222	Semi-Supervised Salient Object Detection Using a Linear Feedback Control System Model. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1173-1185	10.2	16
221	Multiuser Resource Control With Deep Reinforcement Learning in IoT Edge Computing. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 10119-10133	10.7	21
220	Adaptive Spatial Modulation MIMO Based on Machine Learning. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 2117-2131	14.2	37
219	Space-Time Block Coded Rectangular Differential Spatial Modulation: System Design and Performance Analysis. <i>IEEE Transactions on Communications</i> , 2019 , 67, 6586-6597	6.9	8
218	Automatic Gauge Detection via Geometric Fitting for Safety Inspection. <i>IEEE Access</i> , 2019 , 7, 87042-870	04;85	4
217	SSIMA Deep Learning Approach for Recovering Missing Time Series Sensor Data. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 6618-6628	10.7	43
216	Hybrid beamforming for downlink multiuser millimetre wave MIMO-OFDM systems. <i>IET Communications</i> , 2019 , 13, 1557-1564	1.3	7

215	Iterative Compensation for Clipping Noise in Spatial Modulation OFDM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 12422-12426	6.8	6
214	Hybrid Pre-Coding Based on Minimum SMSE Considering Insertion Loss in mmWave Communications. <i>IEEE Transactions on Communications</i> , 2019 , 67, 8707-8724	6.9	1
213	Repairable Fountain Codes with Unequal Locality for Heterogeneous D2D Data Storage Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, 514-528	0.2	
212	A deep learning method based on convolutional neural network for automatic modulation classification of wireless signals 2019 , 25, 3735		1
211	Joint Computation Offloading and Multiuser Scheduling Using Approximate Dynamic Programming in NB-IoT Edge Computing System. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 5345-5362	10.7	57
210	Uniquely Decodable Codes for Physical-Layer Network Coding in Wireless Cooperative Communications. <i>IEEE Systems Journal</i> , 2019 , 13, 3956-3967	4.3	4
209	Repair Bandwidth Cost of Generalized Regenerating Codes for Clustered Distributed Storage 2019 ,		1
208	QLFR: A Q-Learning-Based Localization-Free Routing Protocol for Underwater Sensor Networks 2019 ,		5
207	Performance Analysis of Secure GPSM Systems for Physical Layer Security 2019 ,		2
206	Accelerating Deterministic and Stochastic Binarized Neural Networks on FPGAs Using OpenCL 2019 ,		3
205	Adaptive Data Storage System for Mobile Satellite-Terrestrial IoT 2019 ,		1
204	Machine learning based optimization for vehicle-to-infrastructure communications. <i>Future Generation Computer Systems</i> , 2019 , 94, 488-495	7.5	8
203	Sparse Code Multiple Access Asynchronous Uplink Multiuser Detection Algorithm. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 5557-5569	6.8	3
202	Texture-Distortion-Constrained Joint Source-Channel Coding of Multi-View Video Plus Depth-Based 3D Video. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 3326-3	33 ⁴ 0	3
201	Unsupervised Domain Adaptation for Micro-Doppler Human Motion Classification via Feature Fusion. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019 , 16, 392-396	4.1	14
200	Controlling the distributed energy resources under fading channel 2019 , 119-126		
199	H-infinity-based microgrid state estimations using the IoT sensors 2019 , 285-295		3
198	Underwater Image Restoration Using Color-Line Model. <i>IEEE Transactions on Circuits and Systems</i> for Video Technology, 2019 , 29, 907-911	6.4	36

197	A deep learning method based on convolutional neural network for automatic modulation classification of wireless signals. <i>Wireless Networks</i> , 2019 , 25, 3735-3746	2.5	35
196	Joint Optimization of Energy Consumption and Packet Scheduling for Mobile Edge Computing in Cyber-Physical Networks. <i>IEEE Access</i> , 2018 , 6, 15576-15586	3.5	22
195	Polar codes with the unequal error protection property. <i>Computer Communications</i> , 2018 , 123, 116-125	5.1	8
194	IoT-Based State Estimation for Microgrids. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 1345-1346	10.7	18
193	Power Allocation for Pre-Coding-Aided Spatial Modulation. <i>IEEE Communications Letters</i> , 2018 , 22, 1094	I-31 .0 97	10
192	Consensus-Based Smart Grid State Estimation Algorithm. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3368-3375	11.9	45
191	Internet of Things Infrastructure for Wireless Power Transfer Systems. <i>IEEE Access</i> , 2018 , 6, 19295-1930	13 ,.5	28
190	A Time- and Energy-Aware Collision Tree Protocol for Efficient Large-Scale RFID Tag Identification. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 2406-2417	11.9	23
189	Massive MIMO-Assisted Energy Transfer Technology. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2018 , 57-90	0.4	
188	Smart grid state estimation and stabilisation. <i>International Journal of Electrical Power and Energy Systems</i> , 2018 , 102, 152-159	5.1	28
187	Hybrid Prefix OFDM Transmission Toward Future Wireless Communications. <i>IEEE Access</i> , 2018 , 6, 22341	-3.3352	23
186	Monitoring the Smart Grid Incorporating Turbines and Vehicles. <i>IEEE Access</i> , 2018 , 6, 45485-45492	3.5	13
185	Beamformer Design and Utility Optimization for Hybrid Information and Energy Transfer With Massive MIMO. <i>IEEE Systems Journal</i> , 2018 , 12, 1981-1992	4.3	10
184	A Low Complexity Detection Algorithm for Fixed Up-Link SCMA System in Mission Critical Scenario. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 3289-3297	10.7	23
183	Hybridly Connected Structure for Hybrid Beamforming in mmWave Massive MIMO Systems. <i>IEEE Transactions on Communications</i> , 2018 , 66, 662-674	6.9	83
182	Directional Modulation With Cooperative Receivers. <i>IEEE Access</i> , 2018 , 6, 34992-35000	3.5	5
181	Low-latency and high-reliability performance analysis of relay systems. <i>IET Communications</i> , 2018 , 12, 627-633	1.3	3
180	Soft-Feedback Time-Domain Turbo Equalization for Single-Carrier Generalized Spatial Modulation. IEEE Transactions on Vehicular Technology, 2018, 67, 9421-9434	6.8	4

179	Performance Analysis of MMSE Pre-Coding Aided Spatial Modulation. <i>IEEE Access</i> , 2018 , 6, 44835-44845	53.5	5
178	Outage Probability Region and Optimal Power Allocation for Uplink SCMA Systems. <i>IEEE Transactions on Communications</i> , 2018 , 1-1	6.9	4
177	An Interactive Light Field Video System with User-Dependent View Selection and Coding Scheme. <i>Lecture Notes in Computer Science</i> , 2018 , 727-736	0.9	1
176	An Efficient Bit-Detecting Protocol for Continuous Tag Recognition in Mobile RFID Systems. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 503-516	4.6	34
175	Performance Analysis for the \${N}\$ -Continuous Precoded SM-OFDM System. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 483-493	6.8	4
174	MMSE-based Detector for Spatial Modulation OFDM Systems with Multiple CFOs 2018,		2
173	Millimeter Wave Channel Estimation Based on Subspace Fitting. IEEE Access, 2018, 6, 76126-76139	3.5	3
172	Optimizing spatial healthcare assets with Internet of Things. <i>Health Information Science and Systems</i> , 2018 , 6, 11	5.1	O
171	A Novel No-Reference QoE Assessment Model for Frame Freezing of Mobile Video. <i>Lecture Notes in Computer Science</i> , 2018 , 156-165	0.9	
170	Unified Power Allocation for Receive Spatial Modulation Based on Approximate Optimization. <i>IEEE Access</i> , 2018 , 6, 49450-49459	3.5	4
169	. IEEE Transactions on Signal Processing, 2018 , 66, 6404-6417	4.8	14
168	QAM Signal Transmission Based on Matrix Model in Filter-Bank Multicarrier Systems. <i>IEEE Access</i> , 2018 , 6, 63987-63998	3.5	1
167	Reliable Energy-Efficient Routing Algorithm for Vehicle-Assisted Wireless Ad-Hoc Networks 2018,		1
166	Position and Velocity Estimations of Mobile Device Incorporate GNSS. <i>IEEE Access</i> , 2018 , 6, 31141-3114	73.5	7
165	IoT Communications Network for Wireless Power Transfer System State Estimation and Stabilization. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 4142-4150	10.7	24
164	Robust Multiview Three-Dimensional Video Communications Based on Distributed Video Coding. <i>IEEE Systems Journal</i> , 2017 , 11, 2456-2466	4.3	3
163	. IEEE Transactions on Vehicular Technology, 2017 , 66, 2714-2726	6.8	56
162	Near-Optimal Cross-Layer Forward Error Correction Using Raptor and RCPC Codes for Prioritized Video Transmission Over Wireless Channels. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017 , 27, 2028-2040	6.4	8

161	. IEEE Transactions on Vehicular Technology, 2017 , 66, 1284-1298	6.8	72
160	Time-Domain \$N\$-Continuous OFDM: System Architecture and Performance Analysis. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 2394-2407	6.8	2
159	Precoding and Cooperative Jamming in Multi- Antenna Two-Way Relaying Wiretap Systems Without Eavesdropper Channel State Information. <i>IEEE Transactions on Information Forensics and Security</i> , 2017 , 12, 1309-1318	8	18
158	An Improved Frequency Domain Turbo Equalizer for Single-Carrier Spatial Modulation Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 7568-7572	6.8	8
157	Adaptive SM-MIMO for mmWave Communications With Reduced RF Chains. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 1472-1485	14.2	29
156	Transmit Antenna Selection Schemes for Spatial Modulation Systems: Search Complexity Reduction and Large-Scale MIMO Applications. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 8010-8021	6.8	33
155	Space-Time Block Coded Differential Spatial Modulation. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 8821-8834	6.8	24
154	Secret Key Generation Based on Estimated Channel State Information for TDD-OFDM Systems Over Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 5176-5186	9.6	47
153	. IEEE Transactions on Wireless Communications, 2017 , 16, 5702-5716	9.6	14
152	Analysis of Packet-Loss-Induced Distortion in View Synthesis Prediction-Based 3D Video Coding. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 2781-2796	8.7	8
151	Minimum Sum-Mean-Square-Error Frequency-Domain Pre-Coding for Downlink Multi-User MIMO System in the Frequency-Selective Fading Channel. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 3573-3589	9.6	4
150	Clustering Hierarchy Protocol in Wireless Sensor Networks Using an Improved PSO Algorithm. <i>IEEE Access</i> , 2017 , 5, 2241-2253	3.5	89
149	Optimal mode selection and channel coding for 3-D video streaming over the internet 2017 ,		1
148	Polar Decomposition Based Hybrid Beamforming Design for mmWave Massive MIMO Systems 2017 ,		2
147	Computationally Efficient Energy Optimization for Cloud Radio Access Networks With CSI Uncertainty. <i>IEEE Transactions on Communications</i> , 2017 , 65, 5499-5513	6.9	5
146	Internet of Things for Smart Healthcare: Technologies, Challenges, and Opportunities. <i>IEEE Access</i> , 2017 , 5, 26521-26544	3.5	474
145	Efficient Detection of Spatial Modulation OFDM Systems With Multiple Carrier Frequency Offsets. <i>IEEE Communications Letters</i> , 2017 , 21, 426-429	3.8	10
144	Multi-Relay Communications in the Presence of Phase Noise and Carrier Frequency Offsets. <i>IEEE Transactions on Communications</i> , 2017 , 65, 79-94	6.9	14

143	Rate control for HEVC based on spatio-temporal context and motion complexity. <i>Multimedia Tools and Applications</i> , 2017 , 76, 14035-14053	2.5	3
142	. IEEE Transactions on Vehicular Technology, 2017 , 66, 3045-3058	6.8	17
141	Resource Optimization of Wireless Information and Energy Supply Control Systems With Massive MIMO. <i>IEEE Communications Letters</i> , 2017 , 21, 2734-2737	3.8	4
140	IoT Infrastructure and Potential Application to Smart Grid Communications 2017,		4
139	A Time-Efficient Pair-Wise Collision-Resolving Protocol for Missing Tag Identification. <i>IEEE Transactions on Communications</i> , 2017 , 65, 5348-5361	6.9	7
138	Leakage-based hybrid beamforming design for downlink multiuser mmWave MIMO systems 2017 ,		3
137	An Energy-Efficient Routing Algorithm for Software-Defined Wireless Sensor Networks. <i>IEEE Sensors Journal</i> , 2016 , 16, 7393-7400	4	79
136	Light Field Multi-View Video Coding With Two-Directional Parallel Inter-View Prediction. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 5104-5117	8.7	32
135	A Commercial Video-Caching System for Small-Cell Cellular Networks Using Game Theory. <i>IEEE Access</i> , 2016 , 4, 7519-7531	3.5	39
134	Design and Implementation of LPWA-Based Air Quality Monitoring System. <i>IEEE Access</i> , 2016 , 4, 3238-3	2 4 5	99
133	An IoT-cloud Based Wearable ECG Monitoring System for Smart Healthcare. <i>Journal of Medical Systems</i> , 2016 , 40, 286	5.1	236
132	SMDP-Based Radio Resource Allocation Scheme in Software-Defined Internet of Things Networks. <i>IEEE Sensors Journal</i> , 2016 , 16, 7304-7314	4	17
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