

# Zhaocheng Wang

## 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.

245  
papers

9,071  
citations

46  
h-index

90  
g-index

275  
ext. papers

11,497  
ext. citations

5  
avg, IF

6.8  
L-index

#	Paper	IF	Citations
245	. <i>IEEE Communications Magazine</i> , <b>2015</b> , 53, 74-81	9.1	1616
244	A Survey of Non-Orthogonal Multiple Access for 5G. <i>IEEE Communications Surveys and Tutorials</i> , <b>2018</b> , 20, 2294-2323	37.1	501
243	. <i>IEEE Transactions on Signal Processing</i> , <b>2015</b> , 63, 6169-6183	4.8	330
242	MmWave massive-MIMO-based wireless backhaul for the 5G ultra-dense network. <i>IEEE Wireless Communications</i> , <b>2015</b> , 22, 13-21	13.4	256
241	Spectrum and Energy-Efficient BeamSpace MIMO-NOMA for Millimeter-Wave Communications Using Lens Antenna Array. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2017</b> , 35, 2370-2382	14.2	197
240	Channel Estimation for Millimeter-Wave Massive MIMO With Hybrid Precoding Over Frequency-Selective Fading Channels. <i>IEEE Communications Letters</i> , <b>2016</b> , 20, 1259-1262	3.8	171
239	Low-Complexity Soft-Output Signal Detection Based on Gauss-Seidel Method for Uplink Multiuser Large-Scale MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 4839-4845	6.8	167
238	On the Spectral Efficiency of Massive MIMO Systems With Low-Resolution ADCs. <i>IEEE Communications Letters</i> , <b>2016</b> , 20, 842-845	3.8	163
237	Dual-Mode Index Modulation Aided OFDM. <i>IEEE Access</i> , <b>2017</b> , 5, 50-60	3.5	156
236	Near-Optimal Beam Selection for BeamSpace MmWave Massive MIMO Systems. <i>IEEE Communications Letters</i> , <b>2016</b> , 20, 1054-1057	3.8	154
235	Spectrally Efficient Time-Frequency Training OFDM for Mobile Large-Scale MIMO Systems. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2013</b> , 31, 251-263	14.2	145
234	Layered ACO-OFDM for intensity-modulated direct-detection optical wireless transmission. <i>Optics Express</i> , <b>2015</b> , 23, 12382-93	3.3	135
233	Smart Pilot Assignment for Massive MIMO. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 1644-1647	3.8	134
232	Novel Index Modulation Techniques: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , <b>2019</b> , 21, 315-348	37.8	134
231	Structured Compressive Sensing-Based Spatio-Temporal Joint Channel Estimation for FDD Massive MIMO. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 601-617	6.9	123
230	. <i>IEEE Wireless Communications</i> , <b>2018</b> , 25, 144-153	13.4	122
229	Terahertz Terabit Wireless Communication. <i>IEEE Microwave Magazine</i> , <b>2011</b> , 12, 108-116	1.2	122

228	Visible light communications in heterogeneous networks: Paving the way for user-centric design. <i>IEEE Wireless Communications</i> , <b>2015</b> , 22, 8-16	13.4	109
227	Next-generation digital television terrestrial broadcasting systems: Key technologies and research trends <b>2012</b> , 50, 150-158		107
226	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 5689-5696	6.8	101
225	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 3285-3298	6.8	99
224	Unified Performance Analysis of Mixed Radio Frequency/Free-Space Optical Dual-Hop Transmission Systems. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 2286-2293	4	92
223	Low-complexity near-optimal signal detection for uplink large-scale MIMO systems. <i>Electronics Letters</i> , <b>2014</b> , 50, 1326-1328	1.1	92
222	Asymmetrical Hybrid Optical OFDM for Visible Light Communications With Dimming Control. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 974-977	2.2	85
221	. <i>IEEE Transactions on Mobile Computing</i> , <b>2014</b> , 13, 1579-1596	4.6	81
220	Multihop Free-Space Optical Communications Over Turbulence Channels with Pointing Errors using Heterodyne Detection. <i>Journal of Lightwave Technology</i> , <b>2014</b> , 32, 2597-2604	4	80
219	Spectrum- and Energy-Efficient OFDM Based on Simultaneous Multi-Channel Reconstruction. <i>IEEE Transactions on Signal Processing</i> , <b>2013</b> , 61, 6047-6059	4.8	78
218	Joint User Activity and Data Detection Based on Structured Compressive Sensing for NOMA. <i>IEEE Communications Letters</i> , <b>2016</b> , 1-1	3.8	76
217	Graph Coloring Based Pilot Allocation to Mitigate Pilot Contamination for Multi-Cell Massive MIMO Systems. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 1842-1845	3.8	75
216	Multiuser MIMO-OFDM for Visible Light Communications. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-11	1.8	75
215	Structured compressive sensing based superimposed pilot design in downlink large-scale MIMO systems. <i>Electronics Letters</i> , <b>2014</b> , 50, 896-898	1.1	75
214	Time-Frequency Training OFDM with High Spectral Efficiency and Reliable Performance in High Speed Environments. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2012</b> , 30, 695-707	14.2	74
213	Generalized Dual-Mode Index Modulation Aided OFDM. <i>IEEE Communications Letters</i> , <b>2017</b> , 21, 761-764	3.8	73
212	Social-Community-Aware Resource Allocation for D2D Communications Underlying Cellular Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 3628-3640	6.8	65
211	Compressive Sensing Based Time Domain Synchronous OFDM Transmission for Vehicular Communications. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2013</b> , 31, 460-469	14.2	64

210	A Modified CFAR Algorithm Based on Object Proposals for Ship Target Detection in SAR Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2016</b> , 13, 1925-1929	4.1	63
209	Achievable Rate of Rician Large-Scale MIMO Channels With Transceiver Hardware Impairments. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 8800-8806	6.8	63
208	Joint CSIT Acquisition Based on Low-Rank Matrix Completion for FDD Massive MIMO Systems. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 2178-2181	3.8	59
207	. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2019</b> , 16, 150-154	4.1	59
206	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 5731-5737	6.8	58
205	Efficient Vertical Handover Scheme for Heterogeneous VLC-RF Systems. <i>Journal of Optical Communications and Networking</i> , <b>2015</b> , 7, 1172	4.1	56
204	. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 3596-3608	9.6	55
203	Super-Resolution Sparse MIMO-OFDM Channel Estimation Based on Spatial and Temporal Correlations. <i>IEEE Communications Letters</i> , <b>2014</b> , 18, 1266-1269	3.8	54
202	Channel Feedback Based on AoD-Adaptive Subspace Codebook in FDD Massive MIMO Systems. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 66, 5235-5248	6.9	51
201	Adaptive Hybrid Precoding for Multiuser Massive MIMO. <i>IEEE Communications Letters</i> , <b>2016</b> , 20, 776-779	3.8	50
200	Effective capacity of communication systems over $\alpha$ -shadowed fading channels. <i>Electronics Letters</i> , <b>2015</b> , 51, 1540-1542	1.1	49
199	Weighted-Graph-Coloring-Based Pilot Decontamination for Multicell Massive MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 2829-2834	6.8	45
198	On the Ergodic Capacity of MIMO Free-Space Optical Systems Over Turbulence Channels. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 33, 1925-1934	14.2	43
197	Preamble Design Using Embedded Signaling for OFDM Broadcast Systems Based on Reduced-Complexity Distance Detection. <i>IEEE Transactions on Vehicular Technology</i> , <b>2011</b> , 60, 1217-1222	6.8	41
196	Secure communication in TDS-OFDM system using constellation rotation and noise insertion. <i>IEEE Transactions on Consumer Electronics</i> , <b>2010</b> , 56, 1328-1332	4.8	41
195	Millimeter-wave circular polarized beam-steering antenna array for gigabit wireless communications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2006</b> , 54, 743-746	4.9	41
194	Joint User Association and Power Allocation for Cell-Free Visible Light Communication Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2018</b> , 36, 136-148	14.2	40
193	Matrix inversion-less signal detection using SOR method for uplink large-scale MIMO systems <b>2014</b> ,		40

192	Frequency reuse scheme for cellular OFDM systems. <i>Electronics Letters</i> , <b>2002</b> , 38, 387	1.1	40
191	Compressive Sensing Based Multi-User Detection for Uplink Grant-Free Non-Orthogonal Multiple Access <b>2015</b> ,		39
190	Positioning with OFDM signals for the next- generation GNSS. <i>IEEE Transactions on Consumer Electronics</i> , <b>2010</b> , 56, 374-379	4.8	38
189	Joint Channel Training and Feedback for FDD Massive MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 8762-8767	6.8	36
188	Channel estimation for mmWave massive MIMO based access and backhaul in ultra-dense network <b>2016</b> ,		35
187	An adaptive scaling and biasing scheme for OFDM-based visible light communication systems. <i>Optics Express</i> , <b>2014</b> , 22, 12707-15	3.3	35
186	Multi-User Sum-Rate Optimization for Visible Light Communications With Lighting Constraints. <i>Journal of Lightwave Technology</i> , <b>2016</b> , 34, 3943-3952	4	35
185	NOMA-Based Spatial Modulation. <i>IEEE Access</i> , <b>2017</b> , 5, 3790-3800	3.5	34
184	Asymptotic Orthogonality Analysis of Time-Domain Sparse Massive MIMO Channels. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 1826-1829	3.8	34
183	A Tight Upper Bound on Channel Capacity for Visible Light Communications. <i>IEEE Communications Letters</i> , <b>2016</b> , 20, 97-100	3.8	34
182	Compressive-Sensing-Based Multiuser Detector for the Large-Scale SM-MIMO Uplink. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 8725-8730	6.8	33
181	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2014</b> , 63, 119-130	6.8	33
180	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2014</b> , 15, 318-333	6.1	33
179	Frequency Domain Decision Feedback Equalization for Uplink SC-FDMA. <i>IEEE Transactions on Broadcasting</i> , <b>2010</b> , 56, 253-257	4.7	33
178	Joint Transmit Precoding and Reconfigurable Intelligent Surface Phase Adjustment: A Decomposition-Aided Channel Estimation Approach. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 69, 1228-1243	6.9	31
177	Location-based channel estimation and pilot assignment for massive MIMO systems <b>2015</b> ,		30
176	Visual Attention-Based Target Detection and Discrimination for High-Resolution SAR Images in Complex Scenes. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2018</b> , 56, 1855-1872	8.1	29
175	Simplified Soft Demapper for APSK with Product Constellation Labeling. <i>IEEE Transactions on Wireless Communications</i> , <b>2012</b> , 11, 2649-2657	9.6	29

174	Low-Complexity Iterative Frequency Domain Decision Feedback Equalization. <i>IEEE Transactions on Vehicular Technology</i> , <b>2011</b> , 60, 1295-1301	6.8	29
173	Sixty Years of Coherent Versus Non-Coherent Tradeoffs and the Road From 5G to Wireless Futures. <i>IEEE Access</i> , <b>2019</b> , 7, 178246-178299	3.5	29
172	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2012</b> , 61, 311-320	6.8	28
171	Robust Preamble Design for Synchronization, Signaling Transmission, and Channel Estimation. <i>IEEE Transactions on Broadcasting</i> , <b>2015</b> , 61, 98-104	4.7	27
170	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 33, 1903-1912	14.2	27
169	Dimmable Visible Light Communications Based on Multilayer ACO-OFDM. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-11	1.8	27
168	Priori-Information Aided Iterative Hard Threshold: A Low-Complexity High-Accuracy Compressive Sensing Based Channel Estimation for TDS-OFDM. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 242-251	9.6	27
167	Exponential and Power Law Distribution of Contact Duration in Urban Vehicular Ad Hoc Networks. <i>IEEE Signal Processing Letters</i> , <b>2013</b> , 20, 110-113	3.2	27
166	Coded Modulation with Signal Space Diversity. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 660-669	9.6	27
165	Near-Optimal Signal Detector Based on Structured Compressive Sensing for Massive SM-MIMO. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 1860-1865	6.8	25
164	Asymmetrically Clipped Absolute Value Optical OFDM for Intensity-Modulated Direct-Detection Systems. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 3680-3691	4	25
163	Improved Receiver Design for Layered ACO-OFDM in Optical Wireless Communications. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 319-322	2.2	25
162	Collaborative Vehicular Content Dissemination with Directional Antennas. <i>IEEE Transactions on Wireless Communications</i> , <b>2012</b> , 11, 1301-1306	9.6	25
161	Target Detection via Bayesian-Morphological Saliency in High-Resolution SAR Images. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2017</b> , 55, 5455-5466	8.1	24
160	Location-Aware Pilot Assignment for Massive MIMO Systems in Heterogeneous Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 6815-6821	6.8	24
159	Adaptive Coherent/Non-Coherent Spatial Modulation Aided Unmanned Aircraft Systems. <i>IEEE Wireless Communications</i> , <b>2019</b> , 26, 170-177	13.4	24
158	Wireless Positioning Using TDS-OFDM Signals in Single-Frequency Networks. <i>IEEE Transactions on Broadcasting</i> , <b>2012</b> , 58, 236-246	4.7	24
157	Limits of Predictability for Large-Scale Urban Vehicular Mobility. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2014</b> , 15, 2671-2682	6.1	24

156	Channel Estimation for mmWave MIMO With Transmitter Hardware Impairments. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 320-323	3.8	23
155	A Novel Uplink Multiple Access Scheme Based on TDS-FDMA. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 757-761	9.6	22
154	Iterative Receiver for Hybrid Asymmetrically Clipped Optical OFDM. <i>Journal of Lightwave Technology</i> , <b>2014</b> , 32, 4471-4477	4	21
153	Transmit Diversity for TDS-OFDM Broadcasting System Over Doubly Selective Fading Channels. <i>IEEE Transactions on Broadcasting</i> , <b>2011</b> , 57, 135-142	4.7	21
152	A Novel BICM-ID System Approaching Shannon-Limit at High Spectrum Efficiency. <i>IEICE Transactions on Communications</i> , <b>2011</b> , E94-B, 793-795	0.5	21
151	Optical dual-mode index modulation aided OFDM for visible light communications. <i>Optics Communications</i> , <b>2017</b> , 391, 37-41	2	20
150	Two-Dimensional Precoding for 3-D Massive MIMO. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 5485-5490	6.8	20
149	On the Performance of Channel-Statistics-Based Codebook for Massive MIMO Channel Feedback. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 7553-7557	6.8	19
148	Near-Optimal Low-Complexity Sequence Detection for Clipped DCO-OFDM. <i>IEEE Photonics Technology Letters</i> , <b>2016</b> , 28, 233-236	2.2	18
147	Hardware-Efficient Hybrid Precoding for Millimeter Wave Systems With Multi-Feed Reflectarrays. <i>IEEE Access</i> , <b>2018</b> , 6, 6795-6806	3.5	17
146	An optimal scaling scheme for DCO-OFDM based visible light communications. <i>Optics Communications</i> , <b>2015</b> , 356, 136-140	2	16
145	Location-Aware Channel Estimation Enhanced TDD Based Massive MIMO. <i>IEEE Access</i> , <b>2016</b> , 4, 7828-7840	9.5	16
144	Receiver design for SPAD-based VLC systems under Poisson-Gaussian mixed noise model. <i>Optics Express</i> , <b>2017</b> , 25, 799-809	3.3	16
143	Joint channel estimation and time-frequency synchronization for uplink TDS-OFDMA systems. <i>IEEE Transactions on Consumer Electronics</i> , <b>2010</b> , 56, 494-500	4.8	16
142	Synchronization for TDS-OFDM over multipath fading channels. <i>IEEE Transactions on Consumer Electronics</i> , <b>2010</b> , 56, 2141-2147	4.8	16
141	Structured Non-Uniformly Spaced Rectangular Antenna Array Design for FD-MIMO Systems. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 3252-3266	9.6	15
140	Spatial Modulation for Terahertz Communication Systems With Hardware Impairments. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 4553-4557	6.8	15
139	Optical OFDM for visible light communications <b>2017</b> ,		15



138	Evaluating the effects of node cooperation on DTN routing. <i>AEU - International Journal of Electronics and Communications</i> , <b>2012</b> , 66, 62-67	2.8	15
137	Enhancing the decoding performance of optical wireless communication systems using receiver-side predistortion. <i>Optics Express</i> , <b>2013</b> , 21, 30295-305	3.3	15
136	V-band patch-fed rod antennas for high data-rate wireless communications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2006</b> , 54, 297-300	4.9	15
135	Topology Control in Hybrid VLC/RF Vehicular Ad-Hoc Network. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 1965-1976	9.6	15
134	EKF-Based Beam Tracking for mmWave MIMO Systems. <i>IEEE Communications Letters</i> , <b>2019</b> , 23, 2390-2393	3.8	13
133	A Markov Jump Process Model for Urban Vehicular Mobility: Modeling and Applications. <i>IEEE Transactions on Mobile Computing</i> , <b>2014</b> , 13, 1911-1926	4.6	13
132	Zero-Padded Orthogonal Frequency Division Multiplexing with Index Modulation Using Multiple Constellation Alphabets. <i>IEEE Access</i> , <b>2017</b> , 5, 21168-21178	3.5	13
131	Tracking a dynamic sparse channel via differential orthogonal matching pursuit <b>2015</b> ,		13
130	Improved Channel Estimation for TDS-OFDM Based on Flexible Frequency-Binary Padding. <i>IEEE Transactions on Broadcasting</i> , <b>2010</b> , 56, 418-424	4.7	13
129	Hybrid Precoding for Millimeter Wave Communications With Fully Connected Subarrays. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 2160-2163	3.8	12
128	. <i>Journal of Lightwave Technology</i> , <b>2018</b> , 36, 4713-4722	4	12
127	Video Streaming in the Multiuser Indoor Visible Light Downlink. <i>IEEE Access</i> , <b>2015</b> , 3, 2959-2986	3.5	12
126	Target Detection Based on Dual-Domain Sparse Reconstruction Saliency in SAR Images. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2018</b> , 11, 4230-4243	4.7	12
125	Efficient Channel Estimation for mmWave MIMO With Transceiver Hardware Impairments. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 9883-9895	6.8	11
124	Ellipse-based DCO-OFDM for visible light communications. <i>Optics Communications</i> , <b>2016</b> , 360, 1-6	2	11
123	AoD-adaptive subspace codebook for channel feedback in FDD massive MIMO systems <b>2017</b> ,		11
122	Spatially correlated channel estimation based on block iterative support detection for massive MIMO systems. <i>Electronics Letters</i> , <b>2015</b> , 51, 587-588	1.1	11
121	Joint Time-Frequency Channel Estimation for Time Domain Synchronous OFDM Systems. <i>IEEE Transactions on Broadcasting</i> , <b>2013</b> , 59, 168-173	4.7	11



120	Irregular Mapping and its Application in Bit-Interleaved LDPC Coded Modulation With Iterative Demapping and Decoding. <i>IEEE Transactions on Broadcasting</i> , <b>2011</b> , 57, 707-712	4.7	11
119	Machine Learning Predicts Lymph Node Metastasis in Early-Stage Oral Tongue Squamous Cell Carcinoma. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2020</b> , 78, 2208-2218	1.8	11
118	BICM-ID scheme for clipped DCO-OFDM in visible light communications. <i>Optics Express</i> , <b>2016</b> , 24, 4573-4581	3.9	11
117	Near-Perfect Finite-Cardinality Generalized Space-Time Shift Keying. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2019</b> , 37, 2146-2164	14.2	10
116	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2013</b> , 62, 2239-2252	6.8	10
115	Constant-Envelope Space-Time Shift Keying. <i>IEEE Journal on Selected Topics in Signal Processing</i> , <b>2019</b> , 13, 1387-1402	7.5	9
114	Compressive sensing-based differential channel feedback for massive MIMO. <i>Electronics Letters</i> , <b>2015</b> , 51, 1824-1826	1.1	9
113	Graph Theory Based Beam Scheduling for Inter-Cell Interference Avoidance in MmWave Cellular Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 3929-3942	6.8	9
112	Channel Feedback Codebook Design for Millimeter-Wave Massive MIMO Systems Relying on Lens Antenna Array. <i>IEEE Wireless Communications Letters</i> , <b>2018</b> , 7, 736-739	5.9	9
111	Deep Learning Assisted Calibrated Beam Training for Millimeter-Wave Communication Systems. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 1-1	6.9	9
110	Iterative receiver for ADO-OFDM with near-optimal optical power allocation. <i>Optics Communications</i> , <b>2017</b> , 387, 350-356	2	8
109	A reduced-complexity demapping algorithm for BICM-ID systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 4350-4356	6.8	8
108	Joint channel estimation and feedback with low overhead for FDD massive MIMO systems <b>2015</b> ,		8
107	Angular domain pilot design and channel estimation for FDD massive MIMO networks <b>2017</b> ,		8
106	Leakage-based precoding for MU-MIMO VLC systems under optical power constraint. <i>Optics Communications</i> , <b>2017</b> , 382, 348-353	2	8
105	Simplified fault-tolerant FIR filter architecture based on redundant residue number system. <i>Electronics Letters</i> , <b>2014</b> , 50, 1768-1770	1.1	8
104	Terahertz Wireless Communications With Flexible Index Modulation Aided Pilot Design. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2021</b> , 39, 1651-1662	14.2	8
103	Downlink Interference Management in Cell-Free VLC Network. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 9007-9017	6.8	7

102	Non-Uniform Full-Dimension MIMO: New Topologies and Opportunities. <i>IEEE Wireless Communications</i> , <b>2019</b> , 26, 124-132	13.4	7
101	Sparsity-Aware Adaptive Channel Estimation Based on SNR Detection. <i>IEEE Transactions on Broadcasting</i> , <b>2015</b> , 61, 119-126	4.7	7
100	Spectrum-Efficient Coherent Optical OFDM for Transport Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2013</b> , 31, 62-74	14.2	7
99	Joint User-Subcarrier Pairing and Power Allocation for Uplink ACO-OFDM-NOMA Underwater Visible Light Communication Systems. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 39, 1997-2007	4	7
98	Block compressive channel estimation and feedback for FDD massive MIMO <b>2015</b> ,		6
97	Enhanced beam selection for multi-user mm-wave massive MIMO systems. <i>Electronics Letters</i> , <b>2016</b> , 52, 1268-1270	1.1	6
96	Low complexity LDPC decoder with modified Sum-Product algorithm. <i>Tsinghua Science and Technology</i> , <b>2013</b> , 18, 57-61	3.4	6
95	. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 6476-6487	9.6	6
94	Effective Rate Analysis of MISO Systems over $\alpha$ Fading Channels <b>2015</b> ,		6
93	Priori information aided compressive sensing for time domain synchronous OFDM. <i>Electronics Letters</i> , <b>2012</b> , 48, 800	1.1	6
92	Enhanced asymmetrically clipped DC biased optical OFDM for intensity-modulated direct-detection systems. <i>Journal of Communications and Information Networks</i> , <b>2017</b> , 2, 36-46		5
91	Channel Estimation and Equalization for Terahertz Receiver With RF Impairments. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2021</b> , 39, 1621-1635	14.2	5
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