

Rui Dinis

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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.

330
papers

2,820
citations

22
h-index

42
g-index

488
ext. papers

3,802
ext. citations

3.4
avg. IF

5.75
L-index

#	Paper	IF	Citations
330	Single Carrier Modulation With Nonlinear Frequency Domain Equalization: An Idea Whose Time Has Come Again. <i>Proceedings of the IEEE</i> , 2010 , 98, 69-96	14.3	264
329	RSS-Based Localization in Wireless Sensor Networks Using Convex Relaxation: Noncooperative and Cooperative Schemes. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 2037-2050	6.8	186
328	3-D Target Localization in Wireless Sensor Networks Using RSS and AoA Measurements. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 3197-3210	6.8	129
327	Distributed RSS-AoA Based Localization With Unknown Transmit Powers. <i>IEEE Wireless Communications Letters</i> , 2016 , 5, 392-395	5.9	85
326	Iterative layered space-time receivers for single-carrier transmission over severe time-dispersive channels. <i>IEEE Communications Letters</i> , 2004 , 8, 579-581	3.8	79
325	On frequency-domain equalization and diversity combining for broadband wireless communications. <i>IEEE Transactions on Communications</i> , 2003 , 51, 1029-1033	6.9	65
324	A class of nonlinear signal-processing schemes for bandwidth-efficient OFDM transmission with low envelope fluctuation. <i>IEEE Transactions on Communications</i> , 2004 , 52, 2009-2018	6.9	61
323	A Turbo FDE Technique for Reduced-CP SC-Based Block Transmission Systems. <i>IEEE Transactions on Communications</i> , 2007 , 55, 16-20	6.9	60
322	A Closed-Form Solution for RSS/AoA Target Localization by Spherical Coordinates Conversion. <i>IEEE Wireless Communications Letters</i> , 2016 , 5, 680-683	5.9	59
321	Designing Good Multi-Dimensional Constellations. <i>IEEE Wireless Communications Letters</i> , 2012 , 1, 221-224	4.9	52
320	A Robust Bisection-Based Estimator for TOA-Based Target Localization in NLOS Environments. <i>IEEE Communications Letters</i> , 2017 , 21, 2488-2491	3.8	49
319	Distributed RSS-based localization in wireless sensor networks based on second-order cone programming. <i>Sensors</i> , 2014 , 14, 18410-32	3.8	48
318	Distributed algorithm for target localization in wireless sensor networks using RSS and AoA measurements. <i>Pervasive and Mobile Computing</i> , 2017 , 37, 63-77	3.5	39
317	On Target Localization Using Combined RSS and AoA Measurements. <i>Sensors</i> , 2018 , 18,	3.8	35
316	On the Accuracy of the Gaussian Approximation for the Evaluation of Nonlinear Effects in OFDM Signals. <i>IEEE Transactions on Communications</i> , 2012 , 60, 346-351	6.9	31
315	Iterative Frequency-Domain Equalization for general constellations 2010 ,		29
314	Hybrid Multi-User Equalizer for Massive MIMO Millimeter-Wave Dynamic Subconnected Architecture. <i>IEEE Access</i> , 2019 , 7, 79017-79029	3.5	28

313	Channel Estimation for SC-FDE Systems Using Frequency Domain Multiplexed Pilots 2006 ,		28
312	Hybrid Iterative Space-Time Equalization for Multi-User mmW Massive MIMO Systems. <i>IEEE Transactions on Communications</i> , 2017 , 65, 608-620	6.9	27
311	Use of 1-bit digital-to-analogue converters in massive MIMO systems. <i>Electronics Letters</i> , 2016 , 52, 778-779		27
310	Analytical Performance Evaluation of Precoding Techniques for Nonlinear Massive MIMO Systems With Channel Estimation Errors. <i>IEEE Transactions on Communications</i> , 2018 , 66, 1440-1451	6.9	25
309	A Comparison of Frequency-Domain Block MIMO Transmission Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2009 , 58, 165-175	6.8	24
308	Improving path duration in high mobility vehicular ad hoc networks. <i>Ad Hoc Networks</i> , 2013 , 11, 89-103	4.8	22
307	Bayesian methodology for target tracking using combined RSS and AoA measurements. <i>Physical Communication</i> , 2017 , 25, 158-166	2.2	21
306	Iterative receiver based on the EGC for massive MIMO schemes using SC-FDE modulations. <i>Electronics Letters</i> , 2016 , 52, 972-974	1.1	19
305	Impact of Channel Estimation Errors on SC-FDE Systems. <i>IEEE Transactions on Communications</i> , 2014 , 62, 1530-1540	6.9	19
304	Optimum and Sub-Optimum Receivers for OFDM Signals with Strong Nonlinear Distortion Effects. <i>IEEE Transactions on Communications</i> , 2013 , 61, 3830-3840	6.9	19
303	Efficient Transmitter and Receiver Designs for SC-FDMA Based Heterogeneous Networks. <i>IEEE Transactions on Communications</i> , 2015 , 63, 2500-2510	6.9	18
302	Novel SWIPT Schemes for 5G Wireless Networks. <i>Sensors</i> , 2019 , 19,	3.8	17
301	Receiver design for the uplink of base station cooperation systems employing SC-FDE modulations. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2015 , 2015,	3.2	17
300	Spectrum Sensing Performance in Cognitive Radio Networks With Multiple Primary Users. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 1564-1574	6.8	17
299	. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 3798-3807	9.6	17
298	IB-DFE receivers with space diversity for CP-assisted DS-SS and MC-SS systems. <i>European Transactions on Telecommunications</i> , 2007 , 18, 791-802		17
297	Theoretical Analysis of Nonlinear Amplification Effects in Massive MIMO Systems. <i>IEEE Access</i> , 2019 , 7, 172277-172289	3.5	17
296	. <i>IEEE Transactions on Communications</i> , 2012 , 60, 1851-1861	6.9	16

295	A Survey on Massive MIMO Systems in Presence of Channel and Hardware Impairments. <i>Sensors</i> , 2019 , 19,	3.8	16
294	Single-carrier frequency domain equalisation with hierarchical constellations: an efficient transmission technique for broadcast and multicast systems. <i>IET Communications</i> , 2012 , 6, 2065-2073	1.3	15
293	Transmission Techniques for Emergent Multicast and Broadcast Systems		15
292	Iterative Frequency-Domain Detection for IA-Precoded MC-CDMA Systems. <i>IEEE Transactions on Communications</i> , 2014 , 62, 1240-1248	6.9	14
291	Systematic Method for Designing Constellations for Intensity-Modulated Optical Systems. <i>Journal of Optical Communications and Networking</i> , 2014 , 6, 449	4.1	14
290	Hybrid RSS-AoA technique for 3-D node localization in wireless sensor networks 2015 ,		14
289	A Reduced-CP Approach to SC/FDE Block Transmission for Broadband Wireless Communications. <i>IEEE Transactions on Communications</i> , 2007 , 55, 801-809	6.9	14
288	On the BER Performance of Hierarchical M^2 -QAM Constellations With Diversity and Imperfect Channel Estimation. <i>IEEE Transactions on Communications</i> , 2007 , 55, 1852-1856	6.9	14
287	A class of signal-processing schemes for reducing the envelope fluctuations of CDMA signals. <i>IEEE Transactions on Communications</i> , 2005 , 53, 882-889	6.9	14
286	Massive MIMO Downlink Based on Single Carrier Frequency Domain Processing. <i>IEEE Transactions on Communications</i> , 2018 , 66, 1164-1175	6.9	13
285	Target Tracking with Sensor Navigation Using Coupled RSS and AoA Measurements. <i>Sensors</i> , 2017 , 17,	3.8	13
284	2010 ,		13
283	Performance Evaluation of Quantization Effects on Multicarrier Modulated Signals. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 2922-2930	6.8	13
282	Performance Evaluation of Wavelet-Coded OFDM on a 4.9 Gb/s W-Band Radio-Over-Fiber Link. <i>Journal of Lightwave Technology</i> , 2017 , 35, 2803-2809	4	12
281	Performance evaluation of IB-DFE-based strategies for SC-FDMA systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2013 , 2013,	3.2	12
280	Towards a Realistic Primary Users Behavior in Single Transceiver Cognitive Networks. <i>IEEE Communications Letters</i> , 2013 , 17, 309-312	3.8	12
279	RF-Spectrum Opportunities for Cognitive Radio Networks Operating Over GSM Channels. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2017 , 3, 731-739	6.6	12
278	A simplified massive MIMO implemented with pre or post-processing. <i>Physical Communication</i> , 2017 , 25, 355-362	2.2	11

277	On the Optimum Multicarrier Performance With Memoryless Nonlinearities. <i>IEEE Transactions on Communications</i> , 2015 , 63, 498-509	6.9	11
276	Analytical evaluation of nonlinear effects in MC-CDMA signals. <i>IEEE Transactions on Wireless Communications</i> , 2006 , 5, 2277-2284	9.6	11
275	Multi-user detection for the downlink of NOMA systems with multi-antenna schemes and power-efficient amplifiers. <i>Physical Communication</i> , 2019 , 33, 199-205	2.2	10
274	Towards Reliable Broadcast in ad hoc Networks. <i>IEEE Communications Letters</i> , 2012 , 16, 314-317	3.8	10
273	Approaching the matched filter bound with block transmission techniques. <i>Transactions on Emerging Telecommunications Technologies</i> , 2012 , 23, 76-85	1.9	10
272	Turbo equalization with cancelation of nonlinear distortion for CP-assisted and zero-padded MC-CDM schemes. <i>IEEE Transactions on Communications</i> , 2009 , 57, 2185-2189	6.9	10
271	Iterative Frequency Domain Equalization and Carrier Synchronization for Multi-Resolution Constellations. <i>IEEE Transactions on Broadcasting</i> , 2010 , 56, 551-557	4.7	10
270	Soft Combining ARQ Techniques for Wireless Systems Employing SC-FDE Schemes 2008 ,		10
269	Joint Frequency-Domain Equalization and Channel Estimation Using Superimposed Pilots 2008 ,		10
268	Performance Analysis of NOMA in 5G Systems With HPA Nonlinearities. <i>IEEE Access</i> , 2020 , 8, 158327-158334	3.4	10
267	Low complexity MRC and EGC based receivers for SC-FDE modulations with massive MIMO schemes 2016 ,		10
266	MIMO Detection and Equalization for Single-Carrier Systems Using the Alternating Direction Method of Multipliers. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 1751-1755	3.2	9
265	Recent Advances and Future Research Challenges in Non-Orthogonal Multiple Access for 5G Networks 2018 ,		9
264	RSS-based localization in wireless sensor networks using SOCP relaxation 2013 ,		9
263	Analytical matched filter bound for M-QAM hierarchical constellations with diversity reception in multipath rayleigh fading channels. <i>IEEE Transactions on Communications</i> , 2010 , 58, 737-741	6.9	9
262	Transmission Techniques for 4G Systems		9
261	A Survey of Candidate Waveforms for beyond 5G Systems. <i>Electronics (Switzerland)</i> , 2021 , 10, 21	2.6	9
260	Interference Characterization in Random Waypoint Mobile Networks. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 7340-7351	9.6	9

259	A Hybrid ARQ Scheme for Faster than Nyquist Signaling with Iterative Frequency-Domain Detection 2015,		8
258	A Low Complexity Channel Estimation and Detection for Massive MIMO Using SC-FDE. <i>Telecom,</i> 2020, 1, 3-17	1.8	8
257	Iterative Analog-Digital Multi-User Equalizer for Wideband Millimeter Wave Massive MIMO Systems. <i>Sensors,</i> 2020, 20,	3.8	8
256	On the Achievable Performance of Nonlinear MIMO Systems. <i>IEEE Communications Letters,</i> 2019, 23, 1725-1729	3.8	8
255	Performance of Packet Combining ARQ Error Control in a TDMA SC-FDE System 2010,		8
254	A MAC Protocol for Mobile Wireless Sensor Networks with Bursty Traffic 2010,		8
253	On transmission techniques for multi-antenna W-CDMA systems. <i>European Transactions on Telecommunications,</i> 2009, 20, 107-121		8
252	Frequency-Domain Multipacket Detection: A High Throughput Technique for SC-FDE Systems 2007,		8
251	Performance evaluation of a multicarrier modulation technique allowing strongly nonlinear amplification		8
250	Estimation of the Feedback Reliability for IB-DFE Receivers. <i>ISRN Communications and Networking,</i> 2011, 2011, 1-7		8
249	Massive MIMO with Nonlinear Amplification: Signal Characterization and Performance Evaluation 2016,		8
248	On the Detection of CE-OFDM Signals. <i>IEEE Communications Letters,</i> 2016, 20, 2165-2168	3.8	7
247	Pragmatic Frequency Domain Equalization for Single Carrier with Offset Modulations. <i>IEEE Transactions on Wireless Communications,</i> 2013, 12, 4496-4505	9.6	7
246	. <i>IEEE Transactions on Communications,</i> 2012, 60, 2353-2362	6.9	7
245	Joint Turbo Equalization and Multiuser Detection of MC-CDMA Signals With Low Envelope Fluctuations. <i>IEEE Transactions on Vehicular Technology,</i> 2009, 58, 2288-2298	6.8	7
244	Joint turbo equalisation and carrier synchronisation for SC-FDE schemes. <i>European Transactions on Telecommunications,</i> 2010, 21, n/a-n/a		7
243			7
242	Two-Step Multiuser Equalization for Hybrid mmWave Massive MIMO GFDM Systems. <i>Electronics (Switzerland),</i> 2020, 9, 1220	2.6	7

241	Power-Ordered NOMA with Massive MIMO for 5G Systems. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 3541-3550	1.6	7
240	Characterization of the Opportunistic Service Time in Cognitive Radio Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2016 , 2, 288-300	6.6	7
239	Receiver Design to Employ Simultaneous Wireless Information and Power Transmission with Joint CFO and Channel Estimation. <i>IEEE Access</i> , 2019 , 7, 9678-9687	3.5	7
238	Algorithms for Estimating the Location of Remote Nodes Using Smartphones. <i>IEEE Access</i> , 2019 , 7, 33713-33728	3.3	7
237	Peak-to-average power ratio reduction in multiple-input multiple-output orthogonal frequency-division multiple access systems using geodesic descent method. <i>IET Communications</i> , 2016 , 10, 212-218	1.3	6
236	Reduced Complexity Detection in MIMO Systems with SC-FDE Modulations and Iterative DFE Receivers. <i>Journal of Sensor and Actuator Networks</i> , 2018 , 7, 17	3.8	6
235	Multuser Equalizer for Hybrid Massive MIMO mmWave CE-OFDM Systems. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3363	2.6	6
234	Channel Estimation and Equalization for Asynchronous Single Frequency Networks. <i>IEEE Transactions on Broadcasting</i> , 2014 , 60, 110-119	4.7	6
233	Block-windowed burst OFDM: a high-efficiency multicarrier technique. <i>Electronics Letters</i> , 2014 , 50, 1757-1759	1.1	6
232	Delay Optimization on a p-Persistent MAC Protocol for a Multi-Packet Detection in SC-FDE System 2010 ,		6
231	. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 3472-3479	9.6	6
230	Iterative Detection of Multicode DS-CDMA Signals With Strong Nonlinear Distortion Effects. <i>IEEE Transactions on Vehicular Technology</i> , 2009 , 58, 4169-4181	6.8	6
229	Efficient Channel Estimation for Single Frequency Broadcast Systems 2011 ,		6
228	On the design of frequency-domain equalizers for OQPSK modulations 2010 ,		6
227	Low-PMEPR OFDM transmission with an iterative receiver technique for cancellation of nonlinear distortion		6
226	Analytical Evaluation of Nonlinear Distortion Effects on Multicarrier Signals		6
225	Comparison of Artificial Intelligence and Semi-Empirical Methodologies for Estimation of Coverage in Mobile Networks. <i>IEEE Access</i> , 2020 , 8, 139803-139812	3.5	6
224	Low-Complexity SC-FDE Techniques for Massive MIMO Schemes With Low-Resolution ADCs. <i>IEEE Transactions on Communications</i> , 2019 , 67, 2368-2380	6.9	6

223	Massive MIMO Techniques for 5G and Beyond Opportunities and Challenges. <i>Electronics (Switzerland)</i> , 2021 , 10, 1667	2.6	6
222	Implicit Pilots for an Efficient Channel Estimation in Simplified Massive MIMO Schemes with Precoding. <i>International Journal of Antennas and Propagation</i> , 2019 , 2019, 1-11	1.2	5
221	Estimating Directional Data From Network Topology for Improving Tracking Performance. <i>Journal of Sensor and Actuator Networks</i> , 2019 , 8, 30	3.8	5
220	On the Receiver Design for Nonlinear NOMA-OFDM Systems 2020 ,		5
219	Iterative Multiuser Equalization for Subconnected Hybrid mmWave Massive MIMO Architecture. <i>Wireless Communications and Mobile Computing</i> , 2017 , 2017, 1-13	1.9	5
218	Belief Propagation Receivers for Near-Optimal Detection of Nonlinearly Distorted OFDM Signals 2019 ,		5
217	Joint frequency domain equalisation and phase noise estimation for single-carrier modulations in doubly-selective channels. <i>IET Communications</i> , 2015 , 9, 1138-1146	1.3	5
216	Measuring the Magnitude of Envelope Fluctuations: Should We Use the PAPR? 2014 ,		5
215	Energy-Efficient QoS Provisioning in Demand Assigned Satellite NDMA Schemes 2012 ,		5
214	Energy sensing parameterization criteria for cognitive radios 2012 ,		5
213	Error rate analysis of M-PSK with magnitude modulation envelope control. <i>Electronics Letters</i> , 2013 , 49, 1184-1186	1.1	5
212	Iterative frequency-domain detection and channel estimation for space-time block codes. <i>European Transactions on Telecommunications</i> , 2011 , 22, 339-351		5
211	Multiresolution with Hierarchical Modulations for Long Term Evolution of UMTS. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2009 , 2009,	3.2	5
210	On the Design of Linear Receivers for SC-FDE Schemes Employing OQPSK Modulation 2010 ,		5
209	Iterative multipacket detection for high throughput transmissions in OFDM systems. <i>IEEE Transactions on Communications</i> , 2010 , 58, 429-432	6.9	5
208	Nonlinear signal processing schemes for OFDM modulations within conventional or LINC transmitter structures. <i>European Transactions on Telecommunications</i> , 2008 , 19, 257-271		5
207	An Iterative Receiver for WCDMA Systems with MIMO Transmissions and Hierarchical Constellations 2006 ,		5
206	Combining Drive Tests and Automatically Tuned Propagation Models in the Construction of Path Loss Grids 2018 ,		5

205	Frequency-Domain Receiver Design for Transmission Through Multipath Channels with Strong Doppler Effects. <i>Wireless Personal Communications</i> , 2015 , 83, 1213-1228	1.9	4
204	On the Achievable Capacity of MIMO-OFDM Systems in the CathLab Environment. <i>Sensors</i> , 2020 , 20,	3.8	4
203	Analytical Performance Evaluation of Massive MIMO Techniques for SC-FDE Modulations. <i>Electronics (Switzerland)</i> , 2020 , 9, 533	2.6	4
202	Frequency-Domain Detection without Matrix Inversions for mmWave Communications with Correlated Massive MIMO Channels 2017 ,		4
201	Performance Analysis of an Hybrid ARQ Adaptation of NDMA Schemes. <i>IEEE Transactions on Communications</i> , 2013 , 61, 3304-3317	6.9	4
200	Using the Fireworks Algorithm for ML Detection of Nonlinear OFDM 2017 ,		4
199	A multi-antenna technique for mm-wave communications with large constellations and strongly nonlinear amplifiers 2015 ,		4
198	Distributed RSS-Based Localization in Wireless Sensor Networks with Node Selection Mechanism. <i>IFIP Advances in Information and Communication Technology</i> , 2015 , 204-214	0.5	4
197	Interference Aware Iterative Block Decision Feedback Equalizer for Single Carrier Transmission. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 1-1	6.8	4
196	Performance Comparison of Diversity Combining ARQ Error Control Schemes with Multi-Packet Detection Schemes 2010 ,		4
195	Bayesian Approach for the Estimation of Phase Noise in SC-FDE Schemes 2011 ,		4
194	Towards the Use of XOR-Based Routing Protocols in Vehicular Ad Hoc Networks 2011 ,		4
193	Approaching the Maximum Likelihood Performance with Nonlinearly Distorted OFDM Signals 2012 ,		4
192	Performance evaluation of decision-directed carrier synchronization for SC-FDE schemes 2008 ,		4
191	Joint Detection and Channel Estimation for OFDM Signals with Implicit Pilots 2007 ,		4
190	Transmitter/Receiver Method for Supporting Hierarchical Modulations in MBMS Transmissions. <i>Wireless Personal Communications</i> , 2008 , 45, 45-65	1.9	4
189	Iterative frequency-domain equalizers for adjacent channel interference suppression 2005 ,		4
188	An iterative frequency-domain decision-feedback receiver for MC-CDMA schemes		4

187	Modulation-Based Simultaneous Wireless Information and Power Transfer. <i>IEEE Communications Letters</i> , 2020 , 24, 136-140	3.8	4
186	Cloud-Based Implementation of an Automatic Coverage Estimation Methodology for Self-Organising Network. <i>IEEE Access</i> , 2020 , 8, 66456-66474	3.5	4
185	Robust Joint Synchronization and Channel Estimation Approach for Frequency-Selective Environments. <i>IEEE Access</i> , 2018 , 6, 53180-53190	3.5	4
184	On the Performance of LDPC-Coded Massive MIMO Schemes with Power-Ordered NOMA Techniques. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8684	2.6	4
183	Multuser detection for the uplink of clustered 5G systems with universal frequency reuse. <i>Physical Communication</i> , 2017 , 23, 29-36	2.2	3
182	Use of equivalent nonlinearities for studying quantisation effects on sampled multicarrier signals. <i>Electronics Letters</i> , 2015 , 51, 151-153	1.1	3
181	Equivalent Nonlinearities for Studying Nonlinear Effects on Sampled OFDM Signals. <i>IEEE Communications Letters</i> , 2015 , 19, 529-532	3.8	3
180	Efficient Joint Channel Equalization and Tracking for V2X Communications Using SC-FDE Schemes. <i>IEEE Access</i> , 2020 , 8, 55158-55169	3.5	3
179	Secure Information Transmission with Self Jamming SWIPT. <i>Electronics (Switzerland)</i> , 2020 , 9, 587	2.6	3
178	Two Low Complexity MRC and EGC Based Receivers for SC-FDE Modulations with Massive MIMO Schemes. <i>Journal of Signal Processing Systems</i> , 2018 , 90, 1357-1367	1.4	3
177	A new hybrid multicarrier transmission technique with iterative frequency domain detection. <i>Physical Communication</i> , 2018 , 27, 7-16	2.2	3
176	On the Assessment of Nonlinear Distortion Effects in MIMO-OFDM Systems 2016 ,		3
175	Iterative frequency-domain detection and compensation of nonlinear distortion effects for MIMO systems. <i>Physical Communication</i> , 2019 , 37, 100869	2.2	3
174	A high throughput H-ARQ technique with Faster-than-Nyquist signaling 2014 ,		3
173	A novel distributed power allocation scheme for coordinated multicell systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2013 , 2013,	3.2	3
172	Uplink Performance Evaluation of Packet Combining ARQ for MPR Prefix-Assisted DS-CDMA. <i>IEEE Transactions on Communications</i> , 2015 , 63, 2685-2697	6.9	3
171	Optimum Performance and Spectral Characterization of CE-OFDM Signals 2015 ,		3
170	Detection of licensed usersActivity in a random access ultra wideband cognitive system 2014 ,		3

169	Iterative Frequency Domain Equalization for Single Carrier Signals with Magnitude Modulation Techniques 2012,	3
168	Joint Equalization and Phase Noise Tracking for Doubly Selective Channels 2012,	3
167	Analytical performance evaluation of Base Station cooperation systems using SC-FDE modulations with iterative receivers 2012,	3
166	Convex optimization-based beamforming in cognitive radio multicast transmission 2012,	3
165	On the Use of Multiple Grossly Nonlinear Amplifiers for Highly Efficient Linear Amplification of Multilevel Constellations 2013,	3
164	Should We Avoid Nonlinear Effects in a Digital Transmission System? 2010,	3
163	On the Design of Turbo Equalizers for SC-FDE Schemes with Different Error Protections 2010,	3
162	On the design of iterative FDE receivers for OQAM modulations 2010,	3
161	Analytical Performance Evaluation of SC-FDE Modulations with Packet Combining and Multipacket Detection Schemes 2011,	3
160	SC-FDE with soft packet combining ARQ techniques for interference-limited UWB systems 2009,	3
159	On the Use of Multiple Grossly Nonlinear Amplifiers for an Efficient Amplification of OQAM Signals with FDE Receivers 2011,	3
158	A MAC Protocol for Half-Duplex Multi-Packet Detection in SC-FDE Systems 2009,	3
157	Joint detection and channel estimation for block transmission schemes 2010,	3
156	Multiresolution MBMS transmissions for MIMO UTRA LTE systems 2008,	3
155	State-space estimation for OFDM and SC-FDE schemes with strongly varying carrier frequency offset 2007,	3
154	Performance evaluation of an iterative PMEPR-reducing technique for OFDM transmission	3
153	Iterative turbo multipath interference cancellation for WCDMA systems with non-uniform modulations	3
152	Max-Min Fairness Optimization in Uplink Cell-Free Massive MIMO using Meta-Heuristics. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9 3

151	2016,		3
150	Iterative space-frequency equalizer for CE-OFDM mmW based systems 2016,		3
149	On the Capacity of Nonlinear Massive MIMO-OFDM Systems 2016,		3
148	An efficient WLS estimator for target localization in wireless sensor networks 2016,		3
147	A Novel Reservation-Based MAC Scheme for Distributed Cognitive Radio Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 1-1	6.8	3
146	A new combination of adaptive channel estimation methods and TORC equalizer in MC-CDMA systems. <i>International Journal of Communication Systems</i> , 2020 , 33, e4429	1.7	3
145	Low Complexity Hybrid Precoding Designs for Multiuser mmWave/THz Ultra Massive MIMO Systems. <i>Sensors</i> , 2021 , 21,	3.8	3
144	Iterative Receiver Combining IB-DFE with MRC for Massive MIMO Schemes. <i>Procedia Computer Science</i> , 2017 , 109, 305-310	1.6	2
143	Energy Efficient Massive MIMO Point-to-Point Communications with Physical Layer Security: BPSK vs QPSK Decomposition. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 283-295	0.5	2
142	Performance Evaluation of Low-Complexity FDE Receivers for Massive MIMO Schemes with 1-Bit ADCs 2017,		2
141	Successful Packet Reception Analysis in Multi-Packet Reception Wireless Systems. <i>IEEE Communications Letters</i> , 2016 , 20, 2498-2501	3.8	2
140	Distributed RSS-based localization in wireless sensor networks using convex relaxation 2014,		2
139	. <i>IEEE Transactions on Communications</i> , 2012 , 60, 1851-1861	6.9	2
138	Efficient Amplification and Detection of Multilevel SC-FDE Signals Based on BPSK Components 2013,		2
137	Kalman filter for target tracking using coupled RSS and AoA measurements 2017,		2
136	RF-spectrum opportunities for cognitive radio networks operating over GSM channels 2017,		2
135	On the Impact of Strong Nonlinear Effects on Massive MIMO SVD Systems with Imperfect Channel Estimates 2017,		2
134	FM-MAC: A Novel MAC Protocol for In-Band Full-Duplex Systems That Use Multipacket Reception 2015,		2

133	Efficient estimator for distributed RSS-based localization in wireless sensor networks 2015,		2
132	Cooperative localization in wireless sensor networks using combined measurements 2015,		2
131	Analytical Evaluation of Nonlinear Amplify-and-Forward Relay Systems for OFDM Signals 2014,		2
130	. <i>IEEE Communications Letters</i> , 2012 , 16, 854-857	3.8	2
129	Efficient Detection and Quantization Requirements for the Uplink of Base Station Cooperation Systems 2012,		2
128	Loading techniques for OFDM systems with nonlinear distortion effects. <i>Transactions on Emerging Telecommunications Technologies</i> , 2012 , 23, 121-132	1.9	2
127	Broadband single-carrier transmission techniques. <i>Physical Communication</i> , 2013 , 8, 1-4	2.2	2
126	Approaching the Matched Filter Bound with coded OFDM and SC-FDE schemes 2011,		2
125	Efficient Channel Estimation for OFDM and SC-FDE Schemes 2011,		2
124	Energy Per Useful Packet Optimization on a TDMA HAP Channel 2010,		2
123	On the Accuracy of the Gaussian Approximation for the Evaluation of Nonlinear Effects in OFDM Signals 2010,		2
122	Maximizing throughput-fairness tradeoff in MAC for ad hoc networks 2011,		2
121	Joint Detection and CFO Estimation for QAM Constellations 2011,		2
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119	Performance of Hybrid ARQ for Network Diversity Multiple Access Schemes 2011,		2
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