

Mohammadali Mohammadi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5031412/publications.pdf>

Version: 2024-02-01

195
papers

1,486
citations

471509

17
h-index

526287

27
g-index

197
all docs

197
docs citations

197
times ranked

1294
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of mmWave Xâ€duplex multiâ€relay system in 5G mobile network. International Journal of Communication Systems, 2022, 35, .	2.5	0
2	Machine learning for power control in deviceâ€toâ€device communications with fullâ€duplex relays using ITLinQ spectrum sharing scheme. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	3.9	0
3	Characterization of MmWave Full-Duplex Cloud-Radio Access Network (C-RAN) with RRH Selection for 5G and Beyond. Physical Communication, 2022, 52, 101693.	2.1	0
4	New Antenna Selection Schemes for Full-Duplex Cooperative MIMO-NOMA Systems. IEEE Transactions on Communications, 2022, 70, 4343-4358.	7.8	6
5	Design and Analysis of Full-Duplex Massive Antenna Array Systems Based on Wireless Power Transfer. IEEE Transactions on Communications, 2021, 69, 1302-1316.	7.8	7
6	Spectral analysis of GFDM modulated signal under nonlinear behavior of power amplifier. Wireless Networks, 2021, 27, 137-149.	3.0	2
7	Impact of Imperfect Channel State Information on the Physical Layer Security in D2D Wireless Networks Using Untrusted Relays. Wireless Personal Communications, 2021, 116, 341-368.	2.7	3
8	Linearity improvement of a dual-band Doherty power amplifier using E-CRLH transmission line. AEU - International Journal of Electronics and Communications, 2021, 131, 153584.	2.9	9
9	Modeling of spectrum sharing using ITLinQ scheme in device-to-device networks with full-duplex relays. Telecommunication Systems, 2021, 78, 85.	2.5	0
10	A two-step vaccination technique to limit COVID-19 spread using mobile data. Sustainable Cities and Society, 2021, 70, 102886.	10.4	21
11	Link Activation Using Variational Graph Autoencoders. IEEE Communications Letters, 2021, 25, 2358-2361.	4.1	2
12	Sparse Beamforming Design for Non-Coherent UD-CRAN with mm-Wave Fronthaul Links. , 2021, , .		0
13	Characterization of untrusted relaying networks in the presence of an adversary jammer. Wireless Networks, 2020, 26, 2113-2124.	3.0	6
14	Characterization and Performance Improvement of Cooperative Wireless Networks With Nonlinear Power Amplifier at Relay. IEEE Transactions on Vehicular Technology, 2020, 69, 3244-3255.	6.3	7
15	Energy efficiency optimization for deviceâ€toâ€device communication underlying cellular networks in millimeterâ€wave. International Journal of Communication Systems, 2020, 33, e4287.	2.5	3
16	Proactive Eavesdropping via Jamming in Full-Duplex Multi-Antenna Systems: Beamforming Design and Antenna Selection. IEEE Transactions on Communications, 2020, 68, 7563-7577.	7.8	22
17	Link-Level Throughput Maximization Using Deep Reinforcement Learning. IEEE Networking Letters, 2020, 2, 101-105.	1.9	1
18	Accurate modelling of power amplifier energy consumption for resource allocation in wireless networks. Electronics Letters, 2020, 56, 155-157.	1.0	1

#	ARTICLE	IF	CITATIONS
19	Dynamic range improvement of six-port receiver through analysis of output DC offset. Analog Integrated Circuits and Signal Processing, 2020, 103, 451-460.	1.4	0
20	Full-Duplex Non-Orthogonal Multiple Access Cooperative Spectrum-Sharing Networks With Non-Linear Energy Harvesting. IEEE Transactions on Vehicular Technology, 2020, 69, 10925-10936.	6.3	34
21	Analysis of DF Relay Selection in Massive MIMO Systems With Hardware Impairments. IEEE Transactions on Vehicular Technology, 2020, 69, 6141-6152.	6.3	6
22	Outage Probability Analysis of Wireless-powered Full-duplex Cognitive Non-Orthogonal Multiple Access Relaying Systems. , 2020, , .		1
23	Characterization of sparse beamforming for energy efficiency in cloud radio access networks using Gaussâ€Poisson process. Wireless Networks, 2019, 25, 4555-4567.	3.0	0
24	UAV-Assisted Fault Location in Power Distribution Systems: An Optimization Approach. IEEE Transactions on Smart Grid, 2019, 10, 4628-4636.	9.0	17
25	Optimum power allocation in OFDM systems under power amplifier nonlinearity. Analog Integrated Circuits and Signal Processing, 2019, 99, 33-38.	1.4	2
26	An Improved Performance Ka-Band Low Noise Amplifier and On-Chip Transmission Line Modeling in 0.18 Î¼m CMOS Technology. , 2019, , .		0
27	A seven-port receiver for MIMO wireless communications. Analog Integrated Circuits and Signal Processing, 2019, 101, 243-253.	1.4	0
28	Performance Analysis of Linear Precoded MU-MIMO-OFDM Systems With Nonlinear Power Amplifiers and Correlated Channel. IEEE Transactions on Communications, 2019, 67, 6753-6765.	7.8	6
29	Energyâ€efficient power allocation for deviceâ€toâ€device communications underlaid cellular networks using stochastic geometry. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3768.	3.9	11
30	A Seven-Port Receiver for MIMO 2x2 Communication Systems. , 2019, , .		0
31	Secure Cooperative Network With Multi-Antenna Full-Duplex Receiver. IEEE Systems Journal, 2019, 13, 2786-2794.	4.6	10
32	Beamforming Design and Performance Analysis of Full-Duplex Cooperative NOMA Systems. IEEE Transactions on Wireless Communications, 2019, 18, 3295-3311.	9.2	35
33	Optimal power allocation for physical layer security in deviceâ€toâ€device communications using untrusted relays. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3623.	3.9	6
34	Analysis of nonlinear crosstalk impairment in MIMO-OFDM systems. Analog Integrated Circuits and Signal Processing, 2019, 99, 559-569.	1.4	4
35	An accurate analysis of the nonlinear power amplifier effects on SC-FDMA signals. Wireless Networks, 2019, 25, 533-543.	3.0	2
36	Throughput analysis of wireless-powered decode-and-forward relay systems with interference. Wireless Networks, 2019, 25, 2485-2495.	3.0	3

#	ARTICLE	IF	CITATIONS
37	Optimal Power Allocation by Imperfect Hardware Analysis in Untrusted Relaying Networks. IEEE Transactions on Wireless Communications, 2018, 17, 4302-4314.	9.2	30
38	Optimal Power Allocation and Secrecy Sum Rate in Two-Way Untrusted Relaying Networks With an External Jammer. IEEE Transactions on Communications, 2018, 66, 2671-2684.	7.8	44
39	Energy efficient resource allocation in two-tier OFDMA networks with QoS guarantees. Wireless Networks, 2018, 24, 1841-1855.	3.0	7
40	A reliable relay selection scheme for SSK modulation in cooperative communication systems. Wireless Networks, 2018, 24, 1927-1937.	3.0	8
41	Outage Probability of Wireless-powered Multi-antenna Cooperative Spectrum Sharing Networks with Full-duplex and NOMA Transmissions. , 2018, , .		4
42	Energy-Efficient Downlink Transceiver for Massive Generalized Spatial Modulation MIMO. , 2018, , .		0
43	Proactive Eavesdropping via Jamming in Full-duplex Cellular Networks with Antenna Selection. , 2018, , .		4
44	Uplink/Downlink Rate Analysis and Impact of Power Allocation for Full-Duplex Cloud-RANs. IEEE Transactions on Wireless Communications, 2018, 17, 5774-5788.	9.2	32
45	Antenna Selection in Full-Duplex Cooperative NOMA Systems. , 2018, , .		12
46	Beamforming Design and Power Allocation for Full-Duplex Non-Orthogonal Multiple Access Cognitive Relaying. IEEE Transactions on Communications, 2018, 66, 5952-5965.	7.8	48
47	Proactive Eavesdropping Using UAV Systems with Full-Duplex Ground Terminals. , 2018, , .		9
48	Security-reliability trade-off in cyber-physical cooperative systems with non-ideal untrusted relaying. , 2018, , .		11
49	Energy-Efficient Sparse Beamforming in Cloud Radio Access Networks. Canadian Journal of Electrical and Computer Engineering, 2018, 41, 151-159.	2.0	1
50	Uplink resource allocation in multiuser multicarrier cognitive radio networks under power amplifier nonlinearity. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3162.	3.9	6
51	Analysis of D2D Underlaid Cellular Networks: SIR Meta Distribution and Mean Local Delay. IEEE Transactions on Communications, 2017, 65, 2904-2916.	7.8	74
52	Energy-Efficient Resource Allocation for Adaptive Modulated MIMO OFDM Heterogeneous Cloud Radio Access Networks. Wireless Personal Communications, 2017, 95, 4847-4866.	2.7	7
53	A linearity improved quad-band amplifier based on E-CRLH transmission line. International Journal of Microwave and Wireless Technologies, 2017, 9, 1603-1610.	1.9	2
54	Energy and Spectrum Efficient Resource Allocation in Two-Tier Networks: A Multiobjective Approach. , 2017, , .		8

#	ARTICLE	IF	CITATIONS
55	Coding Efficiency and Bandwidth Enhancement in Polar Delta-Sigma Modulator Transmitter Using Quantization Noise Reduction and Parallel Processing Techniques. Journal of Circuits, Systems and Computers, 2017, 26, 1750085.	1.5	2
56	Multilevel outphasing system using six-port modulators and doherty power amplifiers. Analog Integrated Circuits and Signal Processing, 2017, 90, 361-372.	1.4	6
57	On the Modeling and Compensation of Backward Crosstalk in MIMO Transmitters. IEEE Microwave and Wireless Components Letters, 2017, 27, 842-844.	3.2	19
58	Wireless information and power transfer in full-duplex systems with massive antenna arrays. , 2017, , .		3
59	Security enhancement of wireless networks with wireless-powered full-duplex relay and friendly jammer nodes. , 2017, , .		7
60	Realization of constant envelope OFDM using quantization and CPM technique. AEU - International Journal of Electronics and Communications, 2017, 80, 172-178.	2.9	6
61	Characterization of IDF and SDF Relaying Protocols in SSK Modulation Systems. Wireless Personal Communications, 2017, 94, 2797-2818.	2.7	6
62	Full-Duplex Multi-Antenna Relay Assisted Cooperative Non-Orthogonal Multiple Access. , 2017, , .		22
63	Secure spectrum-sharing networks with full-duplex multiple-antenna wireless-powered secondary system. , 2017, , .		2
64	Secure Two-Way Communication via a Wireless Powered Untrusted Relay and Friendly Jammer. , 2017, , .		19
65	Optimal Power Allocation and Secrecy Sum Rate in Two-Way Untrusted Relaying. , 2017, , .		10
66	Downlink resource allocation in OFDMA wireless networks under power amplifier nonlinearity. IET Communications, 2017, 11, 2751-2757.	2.2	5
67	Joint Relay Selection and Power Allocation in Large-Scale MIMO Systems with Untrusted Relays and Passive Eavesdroppers. IEEE Transactions on Information Forensics and Security, 2017, , 1-1.	6.9	24
68	Sparse power allocation in downlink transmission of cloud radio access networks. IET Communications, 2017, 11, 2531-2538.	2.2	5
69	Wireless-powered cooperative systems with relay selection in spectrum-sharing scenario. , 2017, , .		1
70	Joint Beamforming Design and Power Allocation for Full-Duplex NOMA Cognitive Relay Systems. , 2017, , .		12
71	A DUAL BAND E-CRLH FREQUENCY MULTIPLIER WITH TWO MULTIPLICATION FACTORS. Progress in Electromagnetics Research Letters, 2016, 64, 99-104.	0.7	2
72	A novel relay selection scheme for SSK modulation in cooperative communication. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
73	Rate optimization in NOMA cognitive radio networks. , 2016, , .		25
74	Uplink and downlink rate analysis of a full-duplex C-RAN with radio remote head association. , 2016, , .		4
75	Low-complexity method for primary synchronisation in the third generation partnership project long term evolution downlink system. IET Communications, 2016, 10, 1229-1235.	2.2	1
76	Optimal power allocation to improve secrecy performance of non-regenerative cooperative systems using an untrusted relay. IET Communications, 2016, 10, 962-968.	2.2	13
77	Joint optimal power allocation and relay selection to establish secure transmission in uplink transmission of untrusted relays network. IET Networks, 2016, 5, 30-36.	1.8	11
78	Analysis of MIMO-OFDM system impaired by nonlinear dual-band power amplifiers. Analog Integrated Circuits and Signal Processing, 2016, 89, 205-212.	1.4	4
79	Power amplifier linearisation using digital predistortion and multi-port techniques. IET Science, Measurement and Technology, 2016, 10, 467-476.	1.6	9
80	Analysis of low complexity uplink/downlink full-duplex wireless access with spatially random nodes. IET Communications, 2016, 10, 1777-1785.	2.2	1
81	Destination-based cooperative jamming in untrusted amplify-and-forward relay networks: resource allocation and performance study. IET Communications, 2016, 10, 17-23.	2.2	22
82	Diversity-multiplexing trade-off of linear dispersion coded multi-input-multi-output systems. IET Communications, 2015, 9, 55-61.	2.2	1
83	Coding efficiency and bandwidth enhancement in polar delta sigma modulator transmitter. Analog Integrated Circuits and Signal Processing, 2015, 82, 411-421.	1.4	5
84	Relay Selection in Non-coherent AF MIMO-OFDM Relay-Assisted Systems with OSTBC. Wireless Personal Communications, 2015, 82, 1013-1025.	2.7	3
85	Bandwidth enhancement in delta sigma modulator transmitter using low complexity time-interleaved parallel delta sigma modulator. AEU - International Journal of Electronics and Communications, 2015, 69, 1032-1038.	2.9	7
86	Full-duplex MIMO relaying powered by wireless energy transfer. , 2015, , .		26
87	Capacity Enhancement of Ad Hoc Networks Using a New Single-RF Compact Beamforming Scheme. IEEE Transactions on Antennas and Propagation, 2015, 63, 5026-5034.	5.1	9
88	Estimation of SINR distribution function in clustered wireless sensor networks using statistical distribution modeling. , 2014, , .		1
89	An adaptive pre-distortion linearization technique for power amplifier using a five-port receiver. , 2014, , .		1
90	Reduced-complexity power amplifier linearization for carrier aggregation mobile transceivers. , 2014, , .		17

#	ARTICLE	IF	CITATIONS
91	Characterisation of relay selection in cooperative multiple-input multiple-output orthogonal frequency division multiplexing systems. IET Communications, 2014, 8, 3290-3297.	2.2	1
92	Low-Complexity Digital Predistortion for Reducing Power Amplifier Spurious Emissions in Spectrally-Agile Flexible Radio. , 2014, , .		10
93	Simple structure efficient full-rate STBC for LTE-Advanced system over correlated Rayleigh fading channel with simple decoder. , 2014, , .		0
94	Modeling of Mobile Scatterer Clusters for Doppler Spectrum in Wideband Vehicle-to-Vehicle Communication Channels. IEEE Communications Letters, 2014, 18, 628-631.	4.1	7
95	New throughput-based antenna selection scheme. Turkish Journal of Electrical Engineering and Computer Sciences, 2014, 22, 1017-1031.	1.4	7
96	Analyzing the capacity of wireless ad hoc networks. Telecommunication Systems, 2014, 55, 159-167.	2.5	4
97	Analysis of the Power Amplifier Nonlinearity on the Power Allocation in Cognitive Radio Networks. IEEE Transactions on Communications, 2014, 62, 467-477.	7.8	21
98	Throughput analysis of Ad-Hoc networks with directional antenna at 60GHz. Journal of Electromagnetic Waves and Applications, 2014, 28, 228-241.	1.6	3
99	Finite-SNR diversity-multiplexing tradeoff of linear dispersion coded MISO systems. , 2014, , .		0
100	Analysis and Rate Optimization of OFDM-Based Cognitive Radio Networks Under Power Amplifier Nonlinearity. IEEE Transactions on Communications, 2014, 62, 3410-3419.	7.8	15
101	Simply decoded efficient full-rate space-time block codes over correlated Rician fading channels. IET Communications, 2014, 8, 1684-1695.	2.2	5
102	Statistical modelling of a nonlinear high-power amplifier with memory in multi-input-multi-output orthogonal frequency division multiplexing systems. IET Communications, 2014, 8, 714-721.	2.2	7
103	SER Computation in M-QAM Systems with Phase Noise. Wireless Personal Communications, 2013, 70, 1575-1587.	2.7	1
104	Analytical Modeling of MIMO-OFDM System in the Presence of Nonlinear Power Amplifier with Memory. IEEE Transactions on Communications, 2013, 61, 155-163.	7.8	31
105	Accurate analysis of spectral regrowth of nonlinear power amplifier driven by cyclostationary modulated signals. Analog Integrated Circuits and Signal Processing, 2013, 74, 425-437.	1.4	11
106	A Quad-Band Distributed Amplifier With E-CRLH Transmission Line. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 4188-4194.	4.6	22
107	Characterization of effective capacity in antenna selection MIMO systems. Journal of Communications and Networks, 2013, 15, 476-485.	2.6	15
108	Capacity enhancement in vehicle to roadside networks using ESPAR technique. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
109	Interference-constraint spectrum allocation model for cognitive radio networks. , 2012, , .		8
110	Route BER estimation in wireless ad hoc networks exploiting minimum distance routing. , 2012, , .		1
111	Characterization of effective capacity in AF relay systems. IEICE Electronics Express, 2012, 9, 679-684.	0.8	7
112	Analysis of effect of high-power amplifier modelling on the performance of orthogonal frequency division multiplexing transceiver for wireless communications. IET Science, Measurement and Technology, 2012, 6, 159.	1.6	1
113	Localization in wireless imaging sensor networks using SAR techniques. , 2012, , .		2
114	A zero-forcing linear precoder for downlink multi-user LoS MIMO channels. , 2012, , .		0
115	Radix-tree based spectrum allocation model for cognitive radio networks: Maximizing network capacity. , 2012, , .		1
116	Effective capacity in receive antenna selection and spatially correlated MIMO-OSTBC systems. , 2012, , .		3
117	Miniaturized branch-line coupler for 60 GHz frequency band applications using CMOS technology. , 2012, , .		2
118	Indoor propagation MIMO channel modeling in 60 GHz using SBR based 3D ray tracing technique. , 2012, , .		12
119	Design of optimum grid array antenna in 60GHz frequency band. , 2012, , .		0
120	Design and hybrid analysis of an integrated 60 GHz active phased array transmitter using a power amplifier and 360° phase shifter. , 2012, , .		0
121	RF Transceiver Design for MIMO Wireless Communications. Lecture Notes in Electrical Engineering, 2012, , .	0.4	51
122	Nonlinear modeling and analysis of a Doherty power amplifier driven by non-constant envelope signals. Analog Integrated Circuits and Signal Processing, 2012, 72, 141-153.	1.4	5
123	Nonlinear analysis of microwave amplifiers excited by multicarrier modulated signals using envelop transient technique. Analog Integrated Circuits and Signal Processing, 2012, 72, 313-323.	1.4	4
124	Digital Modulation Techniques in MIMO Systems. Lecture Notes in Electrical Engineering, 2012, , 27-54.	0.4	0
125	MIMO Wireless Communications. Lecture Notes in Electrical Engineering, 2012, , 9-26.	0.4	0
126	Receiver Design for MIMO Wireless Communications. Lecture Notes in Electrical Engineering, 2012, , 151-180.	0.4	0

#	ARTICLE	IF	CITATIONS
127	Design and nonlinear analysis of a dual-band Doherty power amplifier for ISM and LMDS applications. , 2011, , .		2
128	Outage threshold extraction for maximising the capacity of wireless ad hoc networks. IET Communications, 2011, 5, 811-818.	2.2	4
129	Time-multiplexed single front-end multiple-input multiple-output receivers with preserved diversity gain. IET Communications, 2011, 5, 789-796.	2.2	11
130	Single RF front-end MIMO transceivers. , 2011, 49, 104-109.		73
131	A cross-layer design of wireless IP systems using effective bandwidth and MQAM adaptive modulation. Telecommunication Systems, 2011, 46, 343-351.	2.5	11
132	Analytical performance evaluation of the OFDM systems in the presence of jointly fifth order nonlinearity and phase noise. Analog Integrated Circuits and Signal Processing, 2011, 66, 103-115.	1.4	8
133	An analytic approach for CDMA output of feedforward power amplifier. Analog Integrated Circuits and Signal Processing, 2011, 66, 349-361.	1.4	7
134	A hydrochemical and dye-tracing investigation in the Posht-e-Naz Karstic Aquifer, Alburz Mountain, Northern Iran. Journal of Mountain Science, 2011, 8, 37-45.	2.0	2
135	On the error exponent of MIMO&RQ system over the fast fading channels. European Transactions on Telecommunications, 2011, 22, 451-457.	1.2	4
136	Novel five-port receiver using metamaterial transmission line for broadband systems. AEU - International Journal of Electronics and Communications, 2011, 65, 523-529.	2.9	0
137	A 28 GHz linear envelope tracking-power amplifier for LMDS applications. , 2011, , .		0
138	Nonlinear analysis and design of a mm-wave wideband Doherty power amplifier. , 2011, , .		2
139	Characterization of DC Offset on Adaptive MIMO Direct Conversion Transceivers. IEICE Transactions on Communications, 2011, E94-B, 253-261.	0.7	5
140	Analytical performance evaluation of the OFDM systems passing through nonlinear circuits. IEICE Electronics Express, 2010, 7, 138-145.	0.8	7
141	Diversity Multiplexing Tradeoff in shadowed Nakagami fading SIMO/MISO channels. IEICE Electronics Express, 2010, 7, 546-551.	0.8	2
142	DC compensated adaptive modulation in MIMO systems. Analog Integrated Circuits and Signal Processing, 2010, 62, 249-252.	1.4	0
143	A novel MIMO receiver using antenna selection and time-multiplexed single RF technique. , 2010, , .		3
144	Five-port microwave receiver architectures and applications. , 2010, 48, 30-36.		23

#	ARTICLE	IF	CITATIONS
145	Analysis of performance degradation due to non-linearity and phase noise in orthogonal frequency division multiplexing systems. IET Communications, 2010, 4, 1226.	2.2	28
146	Diversity multiplexing trade-off in shadowed fading SIMO/MISO channels. Electronics Letters, 2010, 46, 307.	1.0	2
147	Scalability Analysis of Wireless Sensor Networks Using Analytical Techniques. , 2010, , .		2
148	Cross layer transmit antenna selection in MQAM modulation MIMO systems. , 2010, , .		4
149	Cross layer design based on adaptive modulation and truncated ARQ in MIMO Rician channels. , 2010, , .		3
150	On the Diversity-Multiplexing Tradeoff in MIMO Wireless Channels at Finite SNRs. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2010, E93-A, 2057-2064.	0.3	2
151	Performance degradation of OFDM signals passing through nonlinear circuits. , 2009, , .		1
152	A cross layer approach based on queuing and adaptive modulation for MIMO systems. Telecommunication Systems, 2009, 42, 85-96.	2.5	14
153	Characterization of adaptive modulation MIMO systems in the presence of phase noise. , 2009, , .		2
154	Characterization and compensation of DC offset on adaptive MIMO direct conversion transceivers. , 2009, , .		3
155	Analysis of Multiport Receivers Using FDTD Technique. Journal of Electromagnetic Waves and Applications, 2009, 23, 635-643.	1.6	4
156	A high power high voltage short pulse width pulse generator using direct drive method in application of modulating-cathode tubes drive. , 2009, , .		0
157	Analyzing the capacity of wireless ad hoc networks with rate adaptation capability. , 2009, , .		0
158	Continuous phase modulation detection using TURBO-BLAST. , 2009, , .		2
159	Capacity estimation of wireless ad hoc networks in fading channels. IET Communications, 2009, 3, 293.	2.2	5
160	Low-cost implementation of broadband microwave receivers in Ka-band using multiport structures. IET Microwaves, Antennas and Propagation, 2009, 3, 483.	1.4	15
161	Study the influence of transmission line loss on the performance of matrix amplifiers. IEICE Electronics Express, 2009, 6, 1291-1296.	0.8	0
162	Design and simulation of active frequency tripler with efficient and low spurious response. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
163	Design and implementation of a flexible 4x4 MIMO testbed. , 2008, , .		1
164	Characterization of wireless mesh backhaul networks with MIMO systems. , 2008, , .		0
165	A new approach to design a frequency synthesizer using Direct Digital Synthesis technique. Canadian Conference on Electrical and Computer Engineering, 2008, , .	0.0	2
166	Design and Analysis of Wireless Systems using CAC and M-QAM Adaptive Modulation for Throughput Improvement. , 2008, , .		1
167	Low-complexity channel and frequency offset estimation in MIMO systems. Electronics Letters, 2008, 44, 599.	1.0	3
168	A new wide-band Five-port receiver based on metamaterial (MTM) structures. , 2008, , .		3
169	Five (Four)-Port Transceiver for Ultra-Wideband Applications. , 2008, , .		1
170	Characterization of Traveling Wave Multiplier. , 2008, , .		2
171	Diversity-Multiplexing Tradeoff in MISO/SIMO Systems at Finite SNR. IEEE Vehicular Technology Conference, 2007, , .	0.4	8
172	Direct Conversion EHM Transceivers Design for Millimeter-Wave Wireless Applications. Eurasip Journal on Wireless Communications and Networking, 2007, 2007, 1.	2.4	7
173	A cross layer approach based on adaptive modulation and truncated ARQ for MIMO systems. , 2007, , .		1
174	A distributed stabilised clustering algorithm for large-scale wireless ad hoc networks. International Journal of Ad Hoc and Ubiquitous Computing, 2007, 2, 186.	0.5	3
175	Direct conversion receivers using multiport structures for software-defined radio systems. IET Microwaves, Antennas and Propagation, 2007, 1, 363.	1.4	15
176	Diversity-Multiplexing Tradeoff in MIMO System with Finite SNR. , 2007, , .		8
177	Modeling and analysis of a nonlinear fully distributed FET using FDTD technique. AEU - International Journal of Electronics and Communications, 2007, 61, 444-452.	2.9	8
178	Five-port receiver implementation in Ka-band for software-defined radio. , 2006, , .		6
179	The Capacity of Wireless Ad Hoc Networks Using Statistical Techniques. , 2006, , .		13
180	Improving broadcast performance by traffic isolation in wireless ad hoc networks. International Journal of Communication Systems, 2006, 19, 1029-1043.	2.5	4

#	ARTICLE	IF	CITATIONS
181	Efficient numerical simulation of GaAs MESFET's based on energy model and using interpolating wavelet. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2006, 19, 433-451.	1.9	0
182	Characterization of the Scalability of Wireless Ad Hoc Networks under Channel Limitations. , 2006, , .		4
183	Nonlinear Stability Analysis of Microwave Oscillators Using Lyapunov Function. , 2006, , .		0
184	A software defined radio direct conversion receiver. , 2005, , .		2
185	Investigation of the Transmission Line Loss on the Performance of the HBT_HEMT Matrix Amplifier. , 2005, , .		3
186	A High Performance Cluster-Based Flooding Algorithm for Wireless Ad Hoc Networks. , 2005, , .		3
187	Characterization of adaptive modulators in fixed wireless ATM networks. Journal of Communications and Networks, 2004, 6, 123-132.	2.6	14
188	Direct GMSK modulation with a phase-locked power oscillator. IEEE Transactions on Vehicular Technology, 1999, 48, 1616-1625.	6.3	8
189	Linear reflection phase shifter with optimised varactor gamma. Electronics Letters, 1997, 33, 1054.	1.0	9
190	Broadband electronically tunable microstrip ring resonator filter with negative resistance coupling. Electronics Letters, 1996, 32, 809.	1.0	0
191	Characteristics of rectangular dielectric waveguide with sinusoidally varying width. The International Executive, 1995, 5, 278-286.	0.1	0
192	An adaptive MQAM modulator for fixed wireless ATM networks. , 0, , .		2
193	A fast ray tracing algorithm for propagation prediction in broadband wireless systems. , 0, , .		1
194	Study of buildings and antenna directivity effects on LMDS systems using a modified ray tracing algorithm. , 0, , .		0
195	Signal and noise modeling and analysis of free-running low noise DRO in Ka-band compatible to MMIC technology. , 0, , .		0