

# Sangarapillai Lambotharan

## List of Publications by Year in descending order

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177  
papers

3,139  
citations

201674

27  
h-index

197818

49  
g-index

177  
all docs

177  
docs citations

177  
times ranked

2881  
citing authors

#	ARTICLE	IF	CITATIONS
1	A GNN-Based Supervised Learning Framework for Resource Allocation in Wireless IoT Networks. IEEE Internet of Things Journal, 2022, 9, 1712-1724.	8.7	32
2	Low-Complexity Antenna Selection and Discrete Phase-Shifts Design in IRS-Assisted Multiuser Massive MIMO Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 3980-3994.	6.3	11
3	Opportunistic Fountain Coding With Coordinative Routing. IEEE Wireless Communications Letters, 2022, 11, 851-855.	5.0	2
4	A Hybrid Training-Time and Run-Time Defense Against Adversarial Attacks in Modulation Classification. IEEE Wireless Communications Letters, 2022, 11, 1161-1165.	5.0	5
5	Adversarial Learning in Transformer Based Neural Network in Radio Signal Classification. , 2022, , .		4
6	Investigation of Deep Learning architectures and features for Adversarial Machine Learning Attacks in Modulation Classifications. , 2022, , .		1
7	Optimization of Intelligent Reflecting Surface Assisted Full-Duplex Relay Networks. IEEE Wireless Communications Letters, 2021, 10, 363-367.	5.0	52
8	Polynomial GSVD Beamforming for Two-User Frequency-Selective MIMO Channels. IEEE Transactions on Signal Processing, 2021, 69, 948-959.	5.3	6
9	Risk-Aware Multi-Armed Bandits With Refined Upper Confidence Bounds. IEEE Signal Processing Letters, 2021, 28, 269-273.	3.6	9
10	Physical Layer Security: Detection of Active Eavesdropping Attacks by Support Vector Machines. IEEE Access, 2021, 9, 31595-31607.	4.2	28
11	Globally Informative Thompson Sampling for Structured Bandit Problems with Application to CrowdTranscoding. , 2021, , .		0
12	Denial of service detection using dynamic time warping. International Journal of Network Management, 2021, 31, e2159.	2.2	5
13	Stochastic Optimization of URLLC-eMBB Joint Scheduling With Queuing Mechanism. IEEE Wireless Communications Letters, 2021, 10, 844-848.	5.0	12
14	Contextual Learning for Content Caching With Unknown Time-Varying Popularity Profiles via Incremental Clustering. IEEE Transactions on Communications, 2021, 69, 3011-3024.	7.8	4
15	Cooperative caching and coordinated beamforming technique for cognitive radio networks. IET Signal Processing, 2021, 15, 449-458.	1.5	0
16	Second order Kalman filtering channel estimation and machine learning methods for spectrum sensing in cognitive radio networks. Wireless Networks, 2021, 27, 3273-3286.	3.0	3
17	Non-parametric Statistical Learning for URLLC Transmission Rate Control. , 2021, , .		3
18	Fast optimization of cache-enabled Cloud-RAN using determinantal point process. Physical Communication, 2021, 46, 101292.	2.1	0

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19	Countermeasures Against Adversarial Examples in Radio Signal Classification. IEEE Wireless Communications Letters, 2021, 10, 1830-1834.	5.0	14
20	Evidential classification and feature selection for cyber-threat hunting. Knowledge-Based Systems, 2021, 226, 107120.	7.1	12
21	A Joint Beamforming and Power-Splitter Optimization Technique for SWIPT in MISO-NOMA System. IEEE Access, 2021, 9, 33018-33029.	4.2	3
22	A Neural Rejection System Against Universal Adversarial Perturbations in Radio Signal Classification. , 2021, , .		1
23	Trusted UAV Network Coverage Using Blockchain, Machine Learning, and Auction Mechanisms. IEEE Access, 2020, 8, 118219-118234.	4.2	25
24	Learning to Learn Sequential Network Attacks Using Hidden Markov Models. IEEE Access, 2020, 8, 134480-134497.	4.2	13
25	Network anomaly detection using a crossâ€correlationâ€based longâ€range dependence analysis. International Journal of Network Management, 2020, 30, e2129.	2.2	2
26	Energy Efficiency Optimization for Secure Transmission in a MIMO-NOMA System. , 2020, , .		3
27	A Hybrid Relay and Intelligent Reflecting Surface Network and Its Ergodic Performance Analysis. IEEE Wireless Communications Letters, 2020, 9, 1653-1657.	5.0	101
28	Deep Learning Enabled Optimization of Downlink Beamforming Under Per-Antenna Power Constraints: Algorithms and Experimental Demonstration. IEEE Transactions on Wireless Communications, 2020, 19, 3738-3752.	9.2	13
29	Blockchain Secured Auction-Based User Offloading in Heterogeneous Wireless Networks. IEEE Wireless Communications Letters, 2020, 9, 1141-1145.	5.0	9
30	Outage Probability Analysis for the Multi-Carrier NOMA Downlink Relying on Statistical CSI. IEEE Transactions on Communications, 2020, 68, 3572-3587.	7.8	14
31	Analysis of hidden Markov model learning algorithms for the detection and prediction of multi-stage network attacks. Future Generation Computer Systems, 2020, 108, 636-649.	7.5	40
32	A Reinforcement Learning-Based User-Assisted Caching Strategy for Dynamic Content Library in Small Cell Networks. IEEE Transactions on Communications, 2020, 68, 3627-3639.	7.8	7
33	Completion-Time-Driven Scheduling for Uplink NOMA-Enabled Wireless Networks. IEEE Communications Letters, 2020, 24, 1775-1779.	4.1	8
34	Joint beamforming and admission control for cacheâ€enabled Cloudâ€CRAN with limited fronthaul capacity. IET Signal Processing, 2020, 14, 278-287.	1.5	4
35	Random linear network coding based physical layer security for relayâ€aided deviceâ€toâ€device communication. IET Communications, 2020, 14, 1155-1161.	2.2	2
36	Optimum Sparse Subarray Design for Multitask Receivers. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 939-950.	4.7	15

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37	Hidden Markov Models and Alert Correlations for the Prediction of Advanced Persistent Threats. IEEE Access, 2019, 7, 99508-99520.	4.2	49
38	Robust Energy-Efficient Design for MISO Non-Orthogonal Multiple Access Systems. IEEE Transactions on Communications, 2019, 67, 7937-7949.	7.8	13
39	Joint Transcoding Task Assignment and Association Control for Fog-Assisted Crowdsourced Live Streaming. IEEE Communications Letters, 2019, 23, 2036-2040.	4.1	3
40	Blockchain-Based Distributive Auction for Relay-Assisted Secure Communications. IEEE Access, 2019, 7, 95555-95568.	4.2	18
41	Calibrated Learning for Online Distributed Power Allocation in Small-Cell Networks. IEEE Transactions on Communications, 2019, 67, 8124-8136.	7.8	8
42	A Calibrated Learning Approach to Distributed Power Allocation in Small Cell Networks. , 2019, , .		1
43	Addressing Multi-Stage Attacks Using Expert Knowledge and Contextual Information. , 2019, , .		4
44	Buffer-Aided Relay Selection for Cooperative NOMA in the Internet of Things. IEEE Internet of Things Journal, 2019, 6, 5722-5731.	8.7	74
45	Distributed Foresighted Energy Management in Smart-Grid-Powered Cellular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 4064-4068.	6.3	8
46	Anomaly Detection Using Dynamic Time Warping. , 2019, , .		12
47	Outage Probability Analysis for Two-Antennas MISO-NOMA Downlink with Statistical CSI. , 2019, , .		3
48	Anomaly-Based Network Intrusion Detection Using SVM. , 2019, , .		6
49	Network-Coded NOMA With Antenna Selection for the Support of Two Heterogeneous Groups of Users. IEEE Transactions on Wireless Communications, 2019, 18, 1332-1345.	9.2	12
50	Polynomial matrix decompositions and semi-blind channel estimation for MIMO frequency-selective channels. IET Signal Processing, 2019, 13, 356-366.	1.5	3
51	Detecting Signalling DoS Attacks on LTE Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 283-301.	0.3	1
52	Robust Waveform Design for Multistatic Cognitive Radars. IEEE Access, 2018, 6, 7464-7475.	4.2	7
53	Sensitivity and Asymptotic Analysis of Inter-Cell Interference Against Pricing for Multi-Antenna Base Stations. IEEE Transactions on Communications, 2018, 66, 1758-1771.	7.8	1
54	Spatio-Temporal Spectrum Sensing in Cognitive Radio Networks Using Beamformer-Aided SVM Algorithms. IEEE Access, 2018, 6, 25377-25388.	4.2	29

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55	Outage Analysis and Power Allocation in Uplink Non-Orthogonal Multiple Access Systems. IEEE Communications Letters, 2018, 22, 336-339.	4.1	39
56	Performance Analysis of Cache-Enabled Millimeter Wave Small Cell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 6695-6699.	6.3	19
57	Secrecy Rate Optimizations for MIMO Communication Radar. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 2481-2492.	4.7	51
58	Sequential Polynomial QR Decomposition and Decoding of Frequency Selective MIMO Channels. , 2018, , .		3
59	Multi-Stage Attack Detection Using Contextual Information. , 2018, , .		12
60	Bayesian Multiple Extended Target Tracking Using Labeled Random Finite Sets and Splines. IEEE Transactions on Signal Processing, 2018, 66, 6076-6091.	5.3	28
61	Outage-Constrained Robust Power Allocation for Downlink MC-NOMA with Imperfect SIC. , 2018, , .		26
62	Optimum Configurations of Sparse Subarray Beamformers. , 2018, , .		4
63	On the Performance of Multiuser MIMO Systems Relying on Full-Duplex CSI Acquisition. IEEE Transactions on Communications, 2018, , 1-1.	7.8	14
64	Network Capacity Enhancement in HetNets Using Incentivized Offloading Mechanism. IEEE Access, 2018, 6, 39307-39323.	4.2	2
65	Edge Caching in Dense Heterogeneous Cellular Networks With Massive MIMO-Aided Self-Backhaul. IEEE Transactions on Wireless Communications, 2018, 17, 6360-6372.	9.2	24
66	A Basic Probability Assignment Methodology for Unsupervised Wireless Intrusion Detection. IEEE Access, 2018, 6, 40008-40023.	4.2	20
67	Antenna Allocation and Pricing in Virtualized Massive MIMO Networks via Stackelberg Game. IEEE Transactions on Communications, 2018, 66, 5220-5234.	7.8	11
68	Sparse subarray design for multitask receivers. , 2018, , .		0
69	Downlink Beamforming Design with Simultaneous Energy and Secure Information Transmission. , 2017, , .		0
70	Coalitional Games for Downlink Multicell Beamforming. IEEE Access, 2017, 5, 9251-9265.	4.2	3
71	Data association using game theory for multi-target tracking in passive bistatic radar. , 2017, , .		4
72	A Bayesian game theoretic framework for resource allocation in multistatic radar networks. , 2017, , .		12

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73	Kalman-Gain Aided Particle PHD Filter for Multitarget Tracking. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 2251-2265.	4.7	6
74	Game-Theoretic Power Allocation and the Nash Equilibrium Analysis for a Multistatic MIMO Radar Network. IEEE Transactions on Signal Processing, 2017, 65, 6397-6408.	5.3	73
75	Support Vector Machine for Network Intrusion and Cyber-Attack Detection. , 2017, , .		26
76	An improved resampling approach for particle filters in tracking. , 2017, , .		7
77	Auction-based competition of hybrid small cells for dropped macrocell users. IET Signal Processing, 2017, 11, 695-703.	1.5	4
78	Game-theoretic beamforming techniques for multiuser multi-cell networks under mixed quality of service constraints. IET Signal Processing, 2017, 11, 631-639.	1.5	1
79	Dual Connectivity in Backhaul-Limited Massive-MIMO HetNets: User Association and Power Allocation. , 2017, , .		6
80	Waveform optimization techniques for bi-static Cognitive Radars. , 2016, , .		6
81	Game theoretic analysis for MIMO radars with multiple targets. IEEE Transactions on Aerospace and Electronic Systems, 2016, 52, 2760-2774.	4.7	39
82	Coordinated multicell beamforming with local and global data rate constraints. , 2016, , .		0
83	Coordinated waveform design and receiver filter optimization for cognitive radar networks. , 2016, , .		4
84	Game theoretic distributed waveform design for multistatic radar networks. IEEE Transactions on Aerospace and Electronic Systems, 2016, 52, 1855-1865.	4.7	27
85	Secrecy and Energy Efficiency in Massive MIMO Aided Heterogeneous C-RAN: A New Look at Interference. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1375-1389.	10.8	41
86	Waveform design and receiver filter optimization for multistatic cognitive radar. , 2016, , .		8
87	Game theoretic data association for multi-target tracking with varying number of targets. , 2016, , .		4
88	Pricing based interference control in reversed time division duplex heterogeneous networks. , 2016, , .		2
89	A Mean Field Game Theoretic Approach to Electric Vehicles Charging. IEEE Access, 2016, 4, 3501-3510.	4.2	44
90	Distributed beamformer design under mixed SINR balancing and SINR-target-constraints. , 2015, , .		4

#	ARTICLE	IF	CITATIONS
91	Extending the bargain region using beamforming design under mixed QoS constraints. , 2015, , .		1
92	An interference constraint and SINR balancing based coordinated multicell beamforming. , 2015, , .		1
93	A cooperative MMSE strategy for two-way relaying based multiuser multiplexing. , 2015, , .		1
94	Cooperative spectrum sensing in cognitive radio networks using multi-class support vector machine algorithms. , 2015, , .		22
95	Safeguarding massive MIMO aided hetnets using physical layer security. , 2015, , .		36
96	A Game Theoretic Optimization Framework for Home Demand Management Incorporating Local Energy Resources. IEEE Transactions on Industrial Informatics, 2015, , 1-1.	11.3	64
97	Beamforming for fully-overlapped two-dimensional Phased-MIMO radar. , 2015, , .		11
98	Waveform allocation for a MIMO radar network using potential games. , 2015, , .		4
99	Base station beamforming technique using multiple signalâ€™s interference plus noise ratio balancing criteria. IET Signal Processing, 2015, 9, 248-259.	1.5	5
100	Kalman Filter Enhanced Parametric Classifiers for Spectrum Sensing Under Flat Fading Channels. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 235-247.	0.3	5
101	Variational Bayesian learning technique for spectrum sensing in cognitive radio networks. , 2014, , .		6
102	Transmit beamforming design for two-dimensional phased-MIMO radar with fully-overlapped subarrays. , 2014, , .		8
103	Game theoretic power allocation for a multistatic radar network in the presence of estimation error. , 2014, , .		16
104	Game theoretic power allocation technique for a MIMO radar network. , 2014, , .		20
105	An optimization framework for home demand side management incorporating electric vehicles. , 2014, , .		15
106	A stochastic optimization approach to aggregated electric vehicles charging in smart grids. , 2014, , .		7
107	Coordinated beamforming with mixed SINR-balancing and SINR-target-constraints for multicell wireless networks. , 2014, , .		1
108	A Coordinated Multiuser Relaying Technique through Interference Precoding at the Base Station. IEEE Communications Letters, 2013, 17, 1176-1179.	4.1	0

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109	Eigenvalue and Support Vector Machine Techniques for Spectrum Sensing in Cognitive Radio Networks. , 2013, , .		27
110	Interference Alignment Techniques for MIMO Multi-Cell Interfering Broadcast Channels. IEEE Transactions on Communications, 2013, 61, 164-175.	7.8	99
111	Smart Grid Communications: Overview of Research Challenges, Solutions, and Standardization Activities. IEEE Communications Surveys and Tutorials, 2013, 15, 21-38.	39.4	464
112	Interference cancellation and alignment techniques for multiple-input and multiple-output cognitive relay networks. IET Signal Processing, 2013, 7, 188-200.	1.5	12
113	MMSE-Based Beamforming Techniques for Relay Broadcast Channels. IEEE Transactions on Vehicular Technology, 2013, 62, 4045-4051.	6.3	117
114	Broadband angle of arrival estimation methods in a polynomial matrix decomposition framework. , 2013, , .		26
115	Robust noncooperative rate-maximization game for MIMO Gaussian interference channels under bounded channel uncertainty. , 2013, , .		0
116	Minimum mean-square error transceiver optimisation for downlink multiuser multiple-input-multiple-output network with multiple linear transmit covariance constraints. IET Signal Processing, 2013, 7, 47-58.	1.5	2
117	Transmitter-receiver and relay optimisation for spectrum sharing multiple-input and multiple-output peer-to-peer users. IET Signal Processing, 2013, 7, 411-419.	1.5	0
118	An optimal resource allocation technique for spectrum sharing MIMO wireless relay network. , 2012, , .		0
119	A New Design Paradigm for MIMO Cognitive Radio with Primary User Rate Constraint. IEEE Communications Letters, 2012, 16, 706-709.	4.1	39
120	Overview of demand management in smart grid and enabling wireless communication technologies. IEEE Wireless Communications, 2012, 19, 48-56.	9.0	75
121	Sum rate maximization for spectrum sharing multiuser MIMO network under rayleigh fading. , 2012, , .		2
122	Polynomial matrix QR decomposition for the decoding of frequency selective multiple-input multiple-output communication channels. IET Signal Processing, 2012, 6, 704.	1.5	16
123	Suboptimal recursive optimisation framework for adaptive resource allocation in spectrum-sharing networks. IET Signal Processing, 2012, 6, 27.	1.5	9
124	A Suboptimal User Maximization Algorithm for an OFDMA Based Cognitive Radio Network. , 2011, , .		0
125	Opportunistic MIMO multi-cell interference alignment techniques. , 2011, , .		1
126	Beamforming and temporal power optimisation for an overlay cognitive radio relay network. IET Signal Processing, 2011, 5, 582.	1.5	11



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127	Grassmannian beamforming and null space broadcasting protocols for cognitive radio networks. IET Signal Processing, 2011, 5, 451.	1.5	7
128	Sum-Rate Maximization Technique for Spectrum-Sharing MIMO OFDM Broadcast Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 1960-1964.	6.3	8
129	Robust Rate Maximization Game Under Bounded Channel Uncertainty. IEEE Transactions on Vehicular Technology, 2011, 60, 4471-4486.	6.3	31
130	A Mixed SINR-Balancing and SINR-Target-Constraints-Based Beamformer Design Technique for Spectrum-Sharing Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 4403-4414.	6.3	19
131	A Novel Cooperative Relaying Strategy for Wireless Networks With Signal Quantization. IEEE Transactions on Vehicular Technology, 2010, 59, 485-489.	6.3	14
132	Robust rate-maximization game under bounded channel uncertainty. , 2010, , .		12
133	Optimization techniques for asynchronous two-way relaying based multiuser multiplexing. , 2010, , .		0
134	Joint Beamforming and User Maximization Techniques for Cognitive Radio Networks Based on Branch and Bound Method. IEEE Transactions on Wireless Communications, 2010, 9, 3082-3092.	9.2	50
135	Effective capacity for interference and delay constrained cognitive radio relay channels. IEEE Transactions on Wireless Communications, 2010, 9, 1698-1707.	9.2	106
136	Robust SINR Balancing Technique for a Cognitive Radio Network Using Probability Based Interference Constraints. , 2010, , .		3
137	Multiuser spatial multiplexing techniques with constraints on interference temperature for cognitive radio networks. IET Signal Processing, 2010, 4, 666.	1.5	10
138	SINR Balancing Technique for Downlink Beamforming in Cognitive Radio Networks. IEEE Signal Processing Letters, 2010, 17, 133-136.	3.6	65
139	Efficiency of rate-maximization game under bounded channel uncertainty. , 2010, , .		2
140	On the benefits of subspace dimension reduction for Grassmannian multiuser beamformers. , 2009, , .		0
141	A Polynomial QR Decomposition Based Turbo Equalization Technique for Frequency Selective MIMO Channels. , 2009, , .		2
142	Application of distributed MIMO waterfilling algorithm for broadband channels and its performance in the presence of CSI errors. , 2009, , .		1
143	Multiuser Orthogonal Space-Division Multiplexing with Iterative Water-Filling Algorithm. , 2009, , .		0
144	Polynomial Matrix QR Decomposition and Iterative Decoding of Frequency Selective MIMO Channels. , 2009, , .		9

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145	A Cooperative MMSE Relay Strategy for Wireless Sensor Networks. IEEE Signal Processing Letters, 2008, 15, 549-552.	3.6	79
146	A GMD-based precoding scheme for downlink multiuser multistream MIMO channels. , 2008, , .		1
147	Robust downlink beamforming using positive semi-definite covariance constraints. , 2008, , .		10
148	Robust Transmit Multiuser Beamforming Using Worst Case Performance Optimization. IEEE Vehicular Technology Conference, 2008, , .	0.4	6
149	Space-Time Channel Shortening Based Spatial Multiplexing Techniques using Uplink-Downlink Duality. IEEE Vehicular Technology Conference, 2008, , .	0.4	1
150	Broadband MIMO Beamforming for Frequency Selective Channels using the Sequential Best Rotation Algorithm. IEEE Vehicular Technology Conference, 2008, , .	0.4	2
151	Robust Multiuser Downlink Beamforming with Per Antenna Power Constraints using Worst-Case Performance Optimization. , 2008, , .		2
152	Estimation of Doubly Selective MIMO Channels Using Superimposed Training and Turbo Equalization. IEEE Vehicular Technology Conference, 2008, , .	0.4	4
153	Space-Time Channel Shortening Based Spatial Multiplexing Schemes for Multiusers with Multipath Channels. Conference Record of the Asilomar Conference on Signals, Systems and Computers, 2007, , .	0.0	1
154	On the Rate and Power Allocation for MIMO Based Integrated Voice and Data Transmission. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	1
155	An iterative Estimation and Detection Technique for OFDM Systems with Multiple Frequency Offsets (Doppler Shifts). , 2007, , .		0
156	An Iterative (Turbo) Channel Estimation and Symbol Detection Technique for Doubly Selective Channels. IEEE Vehicular Technology Conference, 2007, , .	0.4	3
157	Iterative (Turbo) Estimation and Detection Techniques for Frequency Selective Channels with Multiple Frequency Offsets in MIMO System. , 2007, , .		2
158	Iterative (Turbo) Estimation and Detection Techniques for Frequency-Selective Channels With Multiple Frequency Offsets. IEEE Signal Processing Letters, 2007, 14, 236-239.	3.6	13
159	Broadband MIMO Beamforming using Spatial-Temporal Filters and Polynomial Matrix Decomposition. , 2007, , .		6
160	Robust Impulse Response Shortening for Discrete Multitone Transceivers. , 2007, , .		0
161	Joint Transceiver Design for MIMO Channel Shortening. IEEE Transactions on Signal Processing, 2007, 55, 3851-3866.	5.3	11
162	Exploitation of source nonstationarity in underdetermined blind source separation with advanced clustering techniques. IEEE Transactions on Signal Processing, 2006, 54, 2198-2212.	5.3	35

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163	Robust Multiuser Beamformers in MIMO-OFDM Systems. , 2006, , .		5
164	Low-complexity iterative method of equalization for single carrier with cyclic prefix in doubly selective channels. IEEE Signal Processing Letters, 2006, 13, 5-8.	3.6	34
165	Iterative Channel Estimation and Equalization Techniques for Multipath Channels with Multiple Frequency Offsets. , 2006, , .		2
166	Variable Rate Variable Power MIMO System for Integrated Voice and Data Services. , 2006, , .		2
167	Multiuser Downlink MIMO Beamforming Using an Iterative Optimization Approach. , 2006, , .		12
168	Parameter Estimation and Equalization Techniques for Communication Channels With Multipath and Multiple Frequency Offsets. IEEE Transactions on Communications, 2005, 53, 219-223.	7.8	25
169	Closed-loop space time block coding techniques for OFDM based broadband wireless access systems. IEEE Transactions on Consumer Electronics, 2005, 51, 765-769.	3.6	17
170	Closed-Loop Quasi-Orthogonal STBCs and Their Performance in Multipath Fading Environments and When Combined With Turbo Codes. IEEE Transactions on Wireless Communications, 2004, 3, 1890-1896.	9.2	42
171	An overview of EGPRS: the packet data component of EDGE. Electronics and Communication Engineering Journal, 2002, 14, 21-38.	0.5	23
172	Adaptive blind retrieval techniques for multiuser DS-CDMA signals. Electronics Letters, 1999, 35, 693.	1.0	17
173	On the surface characteristics of a mixed constant modulus and cross-correlation criterion for the blind equalization of a MIMO channel. Signal Processing, 1999, 74, 209-216.	3.7	19
174	Improved convergence of fractionally-spaced constant modulus equalisers in presence of noise. Electronics Letters, 1998, 34, 1644.	1.0	1
175	Blind decision feedback equaliser for multichannels with common zeros. Electronics Letters, 1998, 34, 845.	1.0	0
176	Attraction of saddles and slow convergence in CMA adaptation. Signal Processing, 1997, 59, 335-340.	3.7	12
177	Joint Transmitter and Receiver Design for MIMO Channel Shortening. , 0, , .		0