

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	Smart Grid Communications: Overview of Research Challenges, Solutions, and Standardization Activities. IEEE Communications Surveys and Tutorials, 2013, 15, 21-38.	39.4	464
2	MMSE-Based Beamforming Techniques for Relay Broadcast Channels. IEEE Transactions on Vehicular Technology, 2013, 62, 4045-4051.	6.3	117
3	Effective capacity for interference and delay constrained cognitive radio relay channels. IEEE Transactions on Wireless Communications, 2010, 9, 1698-1707.	9.2	106
4	A Hybrid Relay and Intelligent Reflecting Surface Network and Its Ergodic Performance Analysis. IEEE Wireless Communications Letters, 2020, 9, 1653-1657.	5.0	101
5	Interference Alignment Techniques for MIMO Multi-Cell Interfering Broadcast Channels. IEEE Transactions on Communications, 2013, 61, 164-175.	7.8	99
6	A Cooperative MMSE Relay Strategy for Wireless Sensor Networks. IEEE Signal Processing Letters, 2008, 15, 549-552.	3.6	79
7	Overview of demand management in smart grid and enabling wireless communication technologies. IEEE Wireless Communications, 2012, 19, 48-56.	9.0	75
8	Buffer-Aided Relay Selection for Cooperative NOMA in the Internet of Things. IEEE Internet of Things Journal, 2019, 6, 5722-5731.	8.7	74
9	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
10	SINR Balancing Technique for Downlink Beamforming in Cognitive Radio Networks. IEEE Signal Processing Letters, 2010, 17, 133-136.	3.6	65
11	A Game Theoretic Optimization Framework for Home Demand Management Incorporating Local Energy Resources. IEEE Transactions on Industrial Informatics, 2015, , 1-1.	11.3	64
12	Optimization of Intelligent Reflecting Surface Assisted Full-Duplex Relay Networks. IEEE Wireless Communications Letters, 2021, 10, 363-367.	5.0	52
13	Secrecy Rate Optimizations for MIMO Communication Radar. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 2481-2492.	4.7	51
14	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
15	Hidden Markov Models and Alert Correlations for the Prediction of Advanced Persistent Threats. IEEE Access, 2019, 7, 99508-99520.	4.2	49
16	A Mean Field Game Theoretic Approach to Electric Vehicles Charging. IEEE Access, 2016, 4, 3501-3510.	4.2	44
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Analysis of hidden Markov model learning algorithms for the detection and prediction of multi-stage network attacks. <i>Future Generation Computer Systems</i> , 2020, 108, 636-649.	7.5	40
20	A New Design Paradigm for MIMO Cognitive Radio with Primary User Rate Constraint. <i>IEEE Communications Letters</i> , 2012, 16, 706-709.	4.1	39
21	Game theoretic analysis for MIMO radars with multiple targets. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2016, 52, 2760-2774.	4.7	39
22	Outage Analysis and Power Allocation in Uplink Non-Orthogonal Multiple Access Systems. <i>IEEE Communications Letters</i> , 2018, 22, 336-339.	4.1	39
23	Safeguarding massive MIMO aided hetnets using physical layer security. , 2015, , .		36
24	Exploitation of source nonstationarity in underdetermined blind source separation with advanced clustering techniques. <i>IEEE Transactions on Signal Processing</i> , 2006, 54, 2198-2212.	5.3	35
25	Low-complexity iterative method of equalization for single carrier with cyclic prefix in doubly selective channels. <i>IEEE Signal Processing Letters</i> , 2006, 13, 5-8.	3.6	34
26	A GNN-Based Supervised Learning Framework for Resource Allocation in Wireless IoT Networks. <i>IEEE Internet of Things Journal</i> , 2022, 9, 1712-1724.	8.7	32
27	Robust Rate Maximization Game Under Bounded Channel Uncertainty. <i>IEEE Transactions on Vehicular Technology</i> , 2011, 60, 4471-4486.	6.3	31
28	Spatio-Temporal Spectrum Sensing in Cognitive Radio Networks Using Beamformer-Aided SVM Algorithms. <i>IEEE Access</i> , 2018, 6, 25377-25388.	4.2	29
29	Bayesian Multiple Extended Target Tracking Using Labeled Random Finite Sets and Splines. <i>IEEE Transactions on Signal Processing</i> , 2018, 66, 6076-6091.	5.3	28
30	Physical Layer Security: Detection of Active Eavesdropping Attacks by Support Vector Machines. <i>IEEE Access</i> , 2021, 9, 31595-31607.	4.2	28
31	Eigenvalue and Support Vector Machine Techniques for Spectrum Sensing in Cognitive Radio Networks. , 2013, , .		27
32	Game theoretic distributed waveform design for multistatic radar networks. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2016, 52, 1855-1865.	4.7	27
33	Broadband angle of arrival estimation methods in a polynomial matrix decomposition framework. , 2013, , .		26
34	Support Vector Machine for Network Intrusion and Cyber-Attack Detection. , 2017, , .		26
35	Outage-Constrained Robust Power Allocation for Downlink MC-NOMA with Imperfect SIC. , 2018, , .		26
36	Parameter Estimation and Equalization Techniques for Communication Channels With Multipath and Multiple Frequency Offsets. <i>IEEE Transactions on Communications</i> , 2005, 53, 219-223.	7.8	25

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37	Trusted UAV Network Coverage Using Blockchain, Machine Learning, and Auction Mechanisms. IEEE Access, 2020, 8, 118219-118234.	4.2	25
38	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
39	An overview of EGPRS: the packet data component of EDGE. Electronics and Communication Engineering Journal, 2002, 14, 21-38.	0.5	23
40	Cooperative spectrum sensing in cognitive radio networks using multi-class support vector machine algorithms. , 2015, , .		22
41	Game theoretic power allocation technique for a MIMO radar network. , 2014, , .		20
42	A Basic Probability Assignment Methodology for Unsupervised Wireless Intrusion Detection. IEEE Access, 2018, 6, 40008-40023.	4.2	20
43	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
44	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
45	Performance Analysis of Cache-Enabled Millimeter Wave Small Cell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 6695-6699.	6.3	19
46	Blockchain-Based Distributive Auction for Relay-Assisted Secure Communications. IEEE Access, 2019, 7, 95555-95568.	4.2	18
47	Adaptive blind retrieval techniques for multiuser DS-CDMA signals. Electronics Letters, 1999, 35, 693.	1.0	17
48	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
49	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
50	Game theoretic power allocation for a multistatic radar network in the presence of estimation error. , 2014, , .		16
51	An optimization framework for home demand side management incorporating electric vehicles. , 2014, , .		15
52	Optimum Sparse Subarray Design for Multitask Receivers. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 939-950.	4.7	15
53	A Novel Cooperative Relaying Strategy for Wireless Networks With Signal Quantization. IEEE Transactions on Vehicular Technology, 2010, 59, 485-489.	6.3	14
54	On the Performance of Multiuser MIMO Systems Relying on Full-Duplex CSI Acquisition. IEEE Transactions on Communications, 2018, , 1-1.	7.8	14

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55	Outage Probability Analysis for the Multi-Carrier NOMA Downlink Relying on Statistical CSI. IEEE Transactions on Communications, 2020, 68, 3572-3587.	7.8	14
56	Countermeasures Against Adversarial Examples in Radio Signal Classification. IEEE Wireless Communications Letters, 2021, 10, 1830-1834.	5.0	14
57	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
58	Robust Energy-Efficient Design for MISO Non-Orthogonal Multiple Access Systems. IEEE Transactions on Communications, 2019, 67, 7937-7949.	7.8	13
59	Learning to Learn Sequential Network Attacks Using Hidden Markov Models. IEEE Access, 2020, 8, 134480-134497.	4.2	13
60	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
61	Attraction of saddles and slow convergence in CMA adaptation. Signal Processing, 1997, 59, 335-340.	3.7	12
62	Multiuser Downlink MIMO Beamforming Using an Iterative Optimization Approach. , 2006, , .		12
63	Robust rate-maximization game under bounded channel uncertainty. , 2010, , .		12
64	Interference cancellation and alignment techniques for multiple-input and multiple-output cognitive relay networks. IET Signal Processing, 2013, 7, 188-200.	1.5	12
65	A Bayesian game theoretic framework for resource allocation in multistatic radar networks. , 2017, , .		12
66	Multi-Stage Attack Detection Using Contextual Information. , 2018, , .		12
67	Anomaly Detection Using Dynamic Time Warping. , 2019, , .		12
68	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
69	Stochastic Optimization of URLLC-eMBB Joint Scheduling With Queuing Mechanism. IEEE Wireless Communications Letters, 2021, 10, 844-848.	5.0	12
70	Evidential classification and feature selection for cyber-threat hunting. Knowledge-Based Systems, 2021, 226, 107120.	7.1	12
71	Joint Transceiver Design for MIMO Channel Shortening. IEEE Transactions on Signal Processing, 2007, 55, 3851-3866.	5.3	11
72	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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73	Beamforming for fully-overlapped two-dimensional Phased-MIMO radar. , 2015, , .		11
74	Antenna Allocation and Pricing in Virtualized Massive MIMO Networks via Stackelberg Game. IEEE Transactions on Communications, 2018, 66, 5220-5234.	7.8	11
75	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
76	Robust downlink beamforming using positive semi-definite covariance constraints. , 2008, , .		10
77	Multiuser spatial multiplexing techniques with constraints on interference temperature for cognitive radio networks. IET Signal Processing, 2010, 4, 666.	1.5	10
78	Polynomial Matrix QR Decomposition and Iterative Decoding of Frequency Selective MIMO Channels. , 2009, , .		9
79	Suboptimal recursive optimisation framework for adaptive resource allocation in spectrum-sharing networks. IET Signal Processing, 2012, 6, 27.	1.5	9
80	Blockchain Secured Auction-Based User Offloading in Heterogeneous Wireless Networks. IEEE Wireless Communications Letters, 2020, 9, 1141-1145.	5.0	9
81	Risk-Aware Multi-Armed Bandits With Refined Upper Confidence Bounds. IEEE Signal Processing Letters, 2021, 28, 269-273.	3.6	9
82	Sum-Rate Maximization Technique for Spectrum-Sharing MIMO OFDM Broadcast Channels. IEEE Transactions on Vehicular Technology, 2011, 60, 1960-1964.	6.3	8
83	Transmit beamforming design for two-dimensional phased-MIMO radar with fully-overlapped subarrays. , 2014, , .		8
84	Waveform design and receiver filter optimization for multistatic cognitive radar. , 2016, , .		8
85	Calibrated Learning for Online Distributed Power Allocation in Small-Cell Networks. IEEE Transactions on Communications, 2019, 67, 8124-8136.	7.8	8
86	Distributed Foresighted Energy Management in Smart-Grid-Powered Cellular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 4064-4068.	6.3	8
87	Completion-Time-Driven Scheduling for Uplink NOMA-Enabled Wireless Networks. IEEE Communications Letters, 2020, 24, 1775-1779.	4.1	8
88	Grassmannian beamforming and null space broadcasting protocols for cognitive radio networks. IET Signal Processing, 2011, 5, 451.	1.5	7
89	A stochastic optimization approach to aggregated electric vehicles charging in smart grids. , 2014, , .		7
90	An improved resampling approach for particle filters in tracking. , 2017, , .		7

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91	Robust Waveform Design for Multistatic Cognitive Radars. IEEE Access, 2018, 6, 7464-7475.	4.2	7
92	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
93	Broadband MIMO Beamforming using Spatial-Temporal Filters and Polynomial Matrix Decomposition. , 2007, , .		6
94	Robust Transmit Multiuser Beamforming Using Worst Case Performance Optimization. IEEE Vehicular Technology Conference, 2008, , .	0.4	6
95	Variational Bayesian learning technique for spectrum sensing in cognitive radio networks. , 2014, , .		6
96	Waveform optimization techniques for bi-static Cognitive Radars. , 2016, , .		6
97	Kalman-Gain Aided Particle PHD Filter for Multitarget Tracking. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 2251-2265.	4.7	6
98	Dual Connectivity in Backhaul-Limited Massive-MIMO HetNets: User Association and Power Allocation. , 2017, , .		6
99	Anomaly-Based Network Intrusion Detection Using SVM. , 2019, , .		6
100	Polynomial GSVD Beamforming for Two-User Frequency-Selective MIMO Channels. IEEE Transactions on Signal Processing, 2021, 69, 948-959.	5.3	6
101	Robust Multiuser Beamformers in MIMO-OFDM Systems. , 2006, , .		5
102	Base station beamforming technique using multiple signal-to-interference plus noise ratio balancing criteria. IET Signal Processing, 2015, 9, 248-259.	1.5	5
103	Denial of service detection using dynamic time warping. International Journal of Network Management, 2021, 31, e2159.	2.2	5
104	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
105	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
106	Estimation of Doubly Selective MIMO Channels Using Superimposed Training and Turbo Equalization. IEEE Vehicular Technology Conference, 2008, , .	0.4	4
107	Distributed beamformer design under mixed SINR balancing and SINR-target-constraints. , 2015, , .		4
108	Waveform allocation for a MIMO radar network using potential games. , 2015, , .		4

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109	Coordinated waveform design and receiver filter optimization for cognitive radar networks. , 2016, , .		4
110	Game theoretic data association for multi-target tracking with varying number of targets. , 2016, , .		4
111	Data association using game theory for multi-target tracking in passive bistatic radar. , 2017, , .		4
112	Auction-based competition of hybrid small cells for dropped macrocell users. IET Signal Processing, 2017, 11, 695-703.	1.5	4
113	Optimum Configurations of Sparse Subarray Beamformers. , 2018, , .		4
114	Addressing Multi-Stage Attacks Using Expert Knowledge and Contextual Information. , 2019, , .		4
115	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
116	Joint beamforming and admission control for cache-enabled Cloud-RAN with limited fronthaul capacity. IET Signal Processing, 2020, 14, 278-287.	1.5	4
117	Adversarial Learning in Transformer Based Neural Network in Radio Signal Classification. , 2022, , .		4
118	An Iterative (Turbo) Channel Estimation and Symbol Detection Technique for Doubly Selective Channels. IEEE Vehicular Technology Conference, 2007, , .	0.4	3
119	Robust SINR Balancing Technique for a Cognitive Radio Network Using Probability Based Interference Constraints. , 2010, , .		3
120	Coalitional Games for Downlink Multicell Beamforming. IEEE Access, 2017, 5, 9251-9265.	4.2	3
121	Sequential Polynomial QR Decomposition and Decoding of Frequency Selective MIMO Channels. , 2018, , .		3
122	Joint Transcoding Task Assignment and Association Control for Fog-Assisted Crowdsourced Live Streaming. IEEE Communications Letters, 2019, 23, 2036-2040.	4.1	3
123	Outage Probability Analysis for Two-Antennas MISO-NOMA Downlink with Statistical CSI. , 2019, , .		3
124	Energy Efficiency Optimization for Secure Transmission in a MIMO-NOMA System. , 2020, , .		3
125	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
126	Non-parametric Statistical Learning for URLLC Transmission Rate Control. , 2021, , .		3

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127	A Joint Beamforming and Power-Splitter Optimization Technique for SWIPT in MISO-NOMA System. IEEE Access, 2021, 9, 33018-33029.	4.2	3
128	Polynomial matrix decompositions and semi-blind channel estimation for MIMO frequency-selective channels. IET Signal Processing, 2019, 13, 356-366.	1.5	3
129	Iterative Channel Estimation and Equalization Techniques for Multipath Channels with Multiple Frequency Offsets. , 2006, , .		2
130	Variable Rate Variable Power MIMO System for Integrated Voice and Data Services. , 2006, , .		2
131	Iterative (Turbo) Estimation and Detection Techniques for Frequency Selective Channels with Multiple Frequency Offsets in MIMO System. , 2007, , .		2
132	Broadband MIMO Beamforming for Frequency Selective Channels using the Sequential Best Rotation Algorithm. IEEE Vehicular Technology Conference, 2008, , .	0.4	2
133	Robust Multiuser Downlink Beamforming with Per Antenna Power Constraints using Worst-Case Performance Optimization. , 2008, , .		2
134	A Polynomial QR Decomposition Based Turbo Equalization Technique for Frequency Selective MIMO Channels. , 2009, , .		2
135	Efficiency of rate-maximization game under bounded channel uncertainty. , 2010, , .		2
136	Sum rate maximization for spectrum sharing multiuser MIMO network under rayleigh fading. , 2012, , .		2
137	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
138	Pricing based interference control in reversed time division duplex heterogeneous networks. , 2016, , .		2
139	Network Capacity Enhancement in HetNets Using Incentivized Offloading Mechanism. IEEE Access, 2018, 6, 39307-39323.	4.2	2
140	Network anomaly detection using a cross-correlation-based long-range dependence analysis. International Journal of Network Management, 2020, 30, e2129.	2.2	2
141	Random linear network coding based physical layer security for relay-aided device-to-device communication. IET Communications, 2020, 14, 1155-1161.	2.2	2
142	Opportunistic Fountain Coding With Coordinative Routing. IEEE Wireless Communications Letters, 2022, 11, 851-855.	5.0	2
143	Improved convergence of fractionally-spaced constant modulus equalisers in presence of noise. Electronics Letters, 1998, 34, 1644.	1.0	1
144	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

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145	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
146	A GMD-based precoding scheme for downlink multiuser multistream MIMO channels. , 2008, , .		1
147	Space-Time Channel Shortening Based Spatial Multiplexing Techniques using Uplink-Downlink Duality. IEEE Vehicular Technology Conference, 2008, , .	0.4	1
148	Application of distributed MIMO waterfilling algorithm for broadband channels and its performance in the presence of CSI errors. , 2009, , .		1
149	Opportunistic MIMO multi-cell interference alignment techniques. , 2011, , .		1
150	Coordinated beamforming with mixed SINR-balancing and SINR-target-constraints for multicell wireless networks. , 2014, , .		1
151	Extending the bargain region using beamforming design under mixed QoS constraints. , 2015, , .		1
152	An interference constraint and SINR balancing based coordinated multicell beamforming. , 2015, , .		1
153	A cooperative MMSE strategy for two-way relaying based multiuser multiplexing. , 2015, , .		1
154	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
155	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
156	A Calibrated Learning Approach to Distributed Power Allocation in Small Cell Networks. , 2019, , .		1
157	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
158	A Neural Rejection System Against Universal Adversarial Perturbations in Radio Signal Classification. , 2021, , .		1
159	Investigation of Deep Learning architectures and features for Adversarial Machine Learning Attacks in Modulation Classifications. , 2022, , .		1
160	Blind decision feedback equaliser for multichannels with common zeros. Electronics Letters, 1998, 34, 845.	1.0	0
161	Joint Transmitter and Receiver Design for MIMO Channel Shortening. , 0, , .		0
162	An iterative Estimation and Detection Technique for OFDM Systems with Multiple Frequency Offsets (Doppler Shifts). , 2007, , .		0

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163	Robust Impulse Response Shortening for Discrete Multitone Transceivers. , 2007, , .		0
164	On the benefits of subspace dimension reduction for Grassmannian multiuser beamformers. , 2009, , .		0
165	Multiuser Orthogonal Space-Division Multiplexing with Iterative Water-Filling Algorithm. , 2009, , .		0
166	Optimization techniques for asynchronous two-way relaying based multiuser multiplexing. , 2010, , .		0
167	A Suboptimal User Maximization Algorithm for an OFDMA Based Cognitive Radio Network. , 2011, , .		0
168	An optimal resource allocation technique for spectrum sharing MIMO wireless relay network. , 2012, , .		0
169	A Coordinated Multiuser Relaying Technique through Interference Precoding at the Base Station. IEEE Communications Letters, 2013, 17, 1176-1179.	4.1	0
170	Robust noncooperative rate-maximization game for MIMO Gaussian interference channels under bounded channel uncertainty. , 2013, , .		0
171	Transmitterâ€œreceiver and relay optimisation for spectrum sharing multipleâ€œinput and multipleâ€œoutput peerâ€œtoâ€œpeer users. IET Signal Processing, 2013, 7, 411-419.	1.5	0
172	Coordinated multicell beamforming with local and global data rate constraints. , 2016, , .		0
173	Downlink Beamforming Design with Simultaneous Energy and Secure Information Transmission. , 2017, , .		0
174	Sparse subarray design for multitask receivers. , 2018, , .		0
175	Globally Informative Thompson Sampling for Structured Bandit Problems with Application to CrowdTranscoding. , 2021, , .		0
176	Cooperative caching and coordinated beamforming technique for cognitive radio networks. IET Signal Processing, 2021, 15, 449-458.	1.5	0
177	Fast optimization of cache-enabled Cloud-RAN using determinantal point process. Physical Communication, 2021, 46, 101292.	2.1	0