Christos Masouros

List of Publications by Year
in descending order

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176 papers	8,062 citations	57758 44 h-index	51608 86 g-index
178 all docs	178 docs citations	178 times ranked	2886 citing authors

#	Article	IF	Citations
1	Joint Radar and Communication Design: Applications, State-of-the-Art, and the Road Ahead. IEEE Transactions on Communications, 2020, 68, 3834-3862.	7.8	753
2	Integrated Sensing and Communications: Toward Dual-Functional Wireless Networks for 6G and Beyond. IEEE Journal on Selected Areas in Communications, 2022, 40, 1728-1767.	14.0	514
3	Toward Dual-functional Radar-Communication Systems: Optimal Waveform Design. IEEE Transactions on Signal Processing, 2018, 66, 4264-4279.	5.3	425
4	MU-MIMO Communications With MIMO Radar: From Co-Existence to Joint Transmission. IEEE Transactions on Wireless Communications, 2018, 17, 2755-2770.	9.2	402
5	Low RF-Complexity Millimeter-Wave Beamspace-MIMO Systems by Beam Selection. IEEE Transactions on Communications, 2015, 63, 2212-2223.	7.8	314
6	An Overview of Signal Processing Techniques for Joint Communication and Radar Sensing. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 1295-1315.	10.8	309
7	Exploiting Known Interference as Green Signal Power for Downlink Beamforming Optimization. IEEE Transactions on Signal Processing, 2015, 63, 3628-3640.	5.3	244
8	Single-Carrier SM-MIMO: A Promising Design for Broadband Large-Scale Antenna Systems. IEEE Communications Surveys and Tutorials, 2016, 18, 1687-1716.	39.4	200
9	Dynamic linear precoding for the exploitation of known interference in MIMO broadcast systems. IEEE Transactions on Wireless Communications, 2009, 8, 1396-1404.	9.2	191
10	Radar-Assisted Predictive Beamforming for Vehicular Links: Communication Served by Sensing. IEEE Transactions on Wireless Communications, 2020, 19, 7704-7719.	9.2	175
11	Large-Scale MIMO Transmitters in Fixed Physical Spaces: The Effect of Transmit Correlation and Mutual Coupling. IEEE Transactions on Communications, 2013, 61, 2794-2804.	7.8	172
12	Correlation Rotation Linear Precoding for MIMO Broadcast Communications. IEEE Transactions on Signal Processing, 2011, 59, 252-262.	5.3	171
13	A Tutorial on Interference Exploitation via Symbol-Level Precoding: Overview, State-of-the-Art and Future Directions. IEEE Communications Surveys and Tutorials, 2020, 22, 796-839.	39.4	158
14	MIMO Radar and Cellular Coexistence: A Power-Efficient Approach Enabled by Interference Exploitation. IEEE Transactions on Signal Processing, 2018, 66, 3681-3695.	5.3	132
15	CramÃ©r-Rao Bound Optimization for Joint Radar-Communication Beamforming. IEEE Transactions on Signal Processing, 2022, 70, 240-253.	5.3	128
16	Bayesian Predictive Beamforming for Vehicular Networks: A Low-Overhead Joint Radar-Communication Approach. IEEE Transactions on Wireless Communications, 2021, 20, 1442-1456.	9.2	113
17	Rethinking the role of interference in wireless networks. , 2014, 52, 152-158.		105
18	Interference-Driven Antenna Selection for Massive Multiuser MIMO. IEEE Transactions on Vehicular Technology, 2016, 65, 5944-5958.	6.3	102

#	Article	IF	Citations
19	Robust MIMO Beamforming for Cellular and Radar Coexistence. IEEE Wireless Communications Letters, 2017, 6, 374-377.	5.0	100
20	Secure Radar-Communication Systems With Malicious Targets: Integrating Radar, Communications and Jamming Functionalities. IEEE Transactions on Wireless Communications, 2021, 20, 83-95.	9.2	100
21	Known interference in the cellular downlink: a performance limiting factor or a source of green signal power?. , 2013, 51, 162-171.		98
22	Interference Exploitation Precoding Made Practical: Optimal Closed-Form Solutions for PSK Modulations. IEEE Transactions on Wireless Communications, 2018, 17, 7661-7676.	9.2	89
23	Space-Constrained Massive MIMO: Hitting the Wall of Favorable Propagation. IEEE Communications Letters, 2015, 19, 771-774.	4.1	85
24	Hybrid Analog-Digital Millimeter-Wave MU-MIMO Transmission With Virtual Path Selection. IEEE Communications Letters, 2017, 21, 438-441.	4.1	85
25	Low-Complexity Compressive Sensing Detection for Spatial Modulation in Large-Scale Multiple Access Channels. IEEE Transactions on Communications, 2015, 63, 2565-2579.	7.8	84
26	Massive MIMO 1-Bit DAC Transmission: A Low-Complexity Symbol Scaling Approach. IEEE Transactions on Wireless Communications, 2018, 17, 7559-7575.	9.2	83
27	Vector Perturbation Based on Symbol Scaling for Limited Feedback MISO Downlinks. IEEE Transactions on Signal Processing, 2014, 62, 562-571.	5.3	79
28	1-Bit Massive MIMO Transmission: Embracing Interference with Symbol-Level Precoding. IEEE Communications Magazine, 2021, 59, 121-127.	6.1	79
29	Hybrid Analogâ€“Digital Precoding Revisited Under Realistic RF Modeling. IEEE Wireless Communications Letters, 2016, 5, 528-531.	5.0	72
30	Constant Envelope Precoding by Interference Exploitation in Phase Shift Keying-Modulated Multiuser Transmission. IEEE Transactions on Wireless Communications, 2017, 16, 538-550.	9.2	71
31	Toward Multi-Functional 6G Wireless Networks: Integrating Sensing, Communication, and Security. IEEE Communications Magazine, 2022, 60, 65-71.	6.1	69
32	Constructive Interference Based Secure Precoding: A New Dimension in Physical Layer Security. IEEE Transactions on Information Forensics and Security, 2018, 13, 2256-2268.	6.9	66
33	An Efficient Manifold Algorithm for Constructive Interference Based Constant Envelope Precoding. IEEE Signal Processing Letters, 2017, 24, 1542-1546.	3.6	65
34	Interference Exploitation Precoding for Multi-Level Modulations: Closed-Form Solutions. IEEE Transactions on Communications, 2021, 69, 291-308.	7.8	60
35	Exploiting Constructive Interference for Simultaneous Wireless Information and Power Transfer in Multiuser Downlink Systems. IEEE Journal on Selected Areas in Communications, 2016, 34, 1772-1784.	14.0	58
36	Reconfigurable Intelligent Surface Aided Mobile Edge Computing: From Optimization-Based to Location-Only Learning-Based Solutions. IEEE Transactions on Communications, 2021, 69, 3709-3725.	7.8	58

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37	Interference Optimization for Transmit Power Reduction in Tomlinson-Harashima Precoded MIMO Downlinks. IEEE Transactions on Signal Processing, 2012, 60, 2470-2481.	5.3	57
38	Multi-UAV Deployment for Throughput Maximization in the Presence of Co-Channel Interference. IEEE Internet of Things Journal, 2021, 8, 3605-3618.	8.7	57
39	Performance Analysis of Large Multiuser MIMO Systems With Space-Constrained 2-D Antenna Arrays. IEEE Transactions on Wireless Communications, 2016, 15, 3492-3505.	9.2	53
40	Hybrid Beamforming with Sub-arrayed MIMO Radar: Enabling Joint Sensing and Communication at mmWave Band. , 2019, , .		52
41	Soft Linear Precoding for the Downlink of DS/CDMA Communication Systems. IEEE Transactions on Vehicular Technology, 2010, 59, 203-215.	6.3	51
42	Computationally Efficient Vector Perturbation Precoding Using Thresholded Optimization. IEEE Transactions on Communications, 2013, 61, 1880-1890.	7.8	51
43	Improving the Diversity of Spatial Modulation in MISO Channels by Phase Alignment. IEEE Communications Letters, 2014, 18, 729-732.	4.1	51
44	Interference as a Source of Green Signal Power in Cognitive Relay Assisted Co-Existing MIMO Wireless Transmissions. IEEE Transactions on Communications, 2012, 60, 525-536.	7.8	50
45	A Tutorial on Joint Radar and Communication Transmission for Vehicular Networksâ€"Part I: Background and Fundamentals. IEEE Communications Letters, 2021, 25, 322-326.	4.1	50
46	Large Scale Antenna Selection and Precoding for Interference Exploitation. IEEE Transactions on Communications, 2017, 65, 4529-4542.	7.8	48
47	Exploiting Constructive Mutual Coupling in P2P MIMO by Analog-Digital Phase Alignment. IEEE Transactions on Wireless Communications, 2017, 16, 1948-1962.	9.2	47
48	Relay Hybrid Precoding Design in Millimeter-Wave Massive MIMO Systems. IEEE Transactions on Signal Processing, 2018, 66, 2011-2026.	5.3	44
49	Energy- and Cost-Efficient Physical Layer Security in the Era of IoT: The Role of Interference. IEEE Communications Magazine, 2020, 58, 81-87.	6.1	44
50	Exploiting the Increasing Correlation of Space Constrained Massive MIMO for CSI Relaxation. IEEE Transactions on Communications, 2016, 64, 1572-1587.	7.8	43
51	Interference-Driven Linear Precoding in Multiuser MISO Downlink Cognitive Radio Network. IEEE Transactions on Vehicular Technology, 2012, 61, 2531-2543.	6.3	39
52	On Range Sidelobe Reduction for Dual-Functional Radar-Communication Waveforms. IEEE Wireless Communications Letters, 2020, 9, 1572-1576.	5.0	39
53	Joint Radar-Communication Transmission: A Generalized Pareto Optimization Framework. IEEE Transactions on Signal Processing, 2021, 69, 2752-2765.	5.3	38
54	Two-stage transmitter precoding based on data-driven code-hopping and partial zero forcing beamforming for MC-CDMA communications. IEEE Transactions on Wireless Communications, 2009, 8, 3634-3645.	9.2	37

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55	Maximizing Energy Efficiency in the Vector Precoded MU-MISO Downlink by Selective Perturbation. IEEE Transactions on Wireless Communications, 2014, 13, 4974-4984.	9.2	37
56	Power-Efficient Tomlinson-Harashima Precoding for the Downlink of Multi-User MISO Systems. IEEE Transactions on Communications, 2014, 62, 1884-1896.	7.8	37
57	Adaptive code allocation for interference management on the downlink of DS-CDMA systems. IEEE Transactions on Wireless Communications, 2008, 7, 2420-2424.	9.2	36
58	Reduced Switching Connectivity for Large Scale Antenna Selection. IEEE Transactions on Communications, 2017, 65, 2250-2263.	7.8	35
59	Deployment Strategies of Multiple Aerial BSs for User Coverage and Power Efficiency Maximization. IEEE Transactions on Communications, 2019, 67, 2981-2994.	7.8	34
60	Intelligent Interactive Beam Training for Millimeter Wave Communications. IEEE Transactions on Wireless Communications, 2021, 20, 2034-2048.	9.2	33
61	Interference Exploitation 1-Bit Massive MIMO Precoding: A Partial Branch-and-Bound Solution With Near-Optimal Performance. IEEE Transactions on Wireless Communications, 2020, 19, 3474-3489.	9.2	32
62	Secure SWIPT by Exploiting Constructive Interference and Artificial Noise. IEEE Transactions on Communications, 2019, 67, 1326-1340.	7.8	31
63	Phase Shifters Versus Switches: An Energy Efficiency Perspective on Hybrid Beamforming. IEEE Wireless Communications Letters, 2019, 8, 13-16.	5.0	29
64	Interfering Channel Estimation in Radar-Cellular Coexistence: How Much Information Do We Need?. IEEE Transactions on Wireless Communications, 2019, 18, 4238-4253.	9.2	29
65	A Scalable Energy vs. Latency Trade-Off in Full-Duplex Mobile Edge Computing Systems. IEEE Transactions on Communications, 2019, 67, 5848-5861.	7.8	28
66	A Tutorial on Joint Radar and Communication Transmission for Vehicular Networksâ€"Part III: Predictive Beamforming Without State Models. IEEE Communications Letters, 2021, 25, 332-336.	4.1	28
67	Secure Dual-Functional Radar-Communication Transmission: Exploiting Interference for Resilience Against Target Eavesdropping. IEEE Transactions on Wireless Communications, 2022, 21, 7238-7252.	9.2	28
68	Waveform and Space Precoding for Next Generation Downlink Narrowband IoT. IEEE Internet of Things Journal, 2019, 6, 5097-5107.	8.7	25
69	MIMO Transmission for Single-Fed ESPAR With Quantized Loads. IEEE Transactions on Communications, 2017, 65, 2863-2876.	7.8	24
70	Complexity-Scalable Neural-Network-Based MIMO Detection With Learnable Weight Scaling. IEEE Transactions on Communications, 2020, 68, 6101-6113.	7.8	23
71	Transmit Precoding for Interference Exploitation in the Underlay Cognitive Radio Z-channel. IEEE Transactions on Signal Processing, 2017, 65, 3617-3631.	5.3	22
72	A Tutorial on Joint Radar and Communication Transmission for Vehicular Networksâ€"Part II: State of the Art and Challenges Ahead. IEEE Communications Letters, 2021, 25, 327-331.	4.1	22

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73	Multi-Cell Interference Exploitation: Enhancing the Power Efficiency in Cell Coordination. IEEE Transactions on Wireless Communications, 2020, 19, 547-562.	9.2	21
74	Pre-Scaling Optimization for Space Shift Keying Based on Semidefinite Relaxation. IEEE Transactions on Communications, 2015, 63, 4231-4243.	7.8	20
75	A Two-Stage Vector Perturbation Scheme for Adaptive Modulation in Downlink MU-MIMO. IEEE Transactions on Vehicular Technology, 2016, 65, 7785-7791.	6.3	20
76	A Constellation Scaling Approach to Vector Perturbation for Adaptive Modulation in MU-MIMO. IEEE Wireless Communications Letters, 2015, 4, 289-292.	5.0	19
77	On the Performance of Spatially Correlated Large Antenna Arrays for Millimeter-Wave Frequencies. IEEE Transactions on Antennas and Propagation, 2018, 66, 132-148.	5.1	18
78	Analog Beamformer Design for Interference Exploitation Based Hybrid Beamforming. , 2018, , .		17
79	Sum Rate and Fairness Analysis for the MU-MIMO Downlink Under PSK Signalling: Interference Suppression vs Exploitation. IEEE Transactions on Communications, 2019, 67, 6085-6098.	7.8	16
80	Fundamentals of Physical Layer Anonymous Communications: Sender Detection and Anonymous Precoding. IEEE Transactions on Wireless Communications, 2022, 21, 64-79.	9.2	16
81	Interference Exploitation in Full-Duplex Communications: Trading Interference Power for Both Uplink and Downlink Power Savings. IEEE Transactions on Wireless Communications, 2018, 17, 8314-8329.	9.2	15
82	Secure Directional Modulation With Few-Bit Phase Shifters: Optimal and Iterative-Closed-Form Designs. IEEE Transactions on Communications, 2021, 69, 486-500.	7.8	15
83	Energy Aware Trajectory Optimization for Aerial Base Stations. IEEE Transactions on Communications, 2021, 69, 3352-3366.	7.8	15
84	Rate-Splitting Multiple Access for Joint Radar-Communications with Low-Resolution DACs. , 2021, , .		15
85	A Novel Transmitter-Based Selective-Precoding Technique for DS/CDMA Systems. , 2007, , .		14
86	Analytical Derivation of Multiuser Diversity Gains with Opportunistic Spectrum Sharing in CR Systems. IEEE Transactions on Communications, 2013, 61, 2664-2677.	7.8	14
87	Dual-Functional Radar-Communication Waveform Design Under Constant-Modulus and Orthogonality Constraints. , 2019, , .		14
88	Hardware Efficient Joint Radar-Communications with Hybrid Precoding and RF Chain Optimization. , 2021, , .		14
89	A Low-Complexity Sequential Encoder for Threshold Vector Perturbation. IEEE Communications Letters, 2013, 17, 2225-2228.	4.1	13
90	Device-Centric Distributed Antenna Transmission: Secure Precoding and Antenna Selection With Interference Exploitation. IEEE Internet of Things Journal, 2020, 7, 2293-2308.	8.7	13

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91	Multi-Pair Two-Way Massive MIMO Relaying With Zero Forcing: Energy Efficiency and Power Scaling Laws. IEEE Transactions on Communications, 2020, 68, 1417-1431.	7.8	13
92	Transmit-Power Efficient Linear Precoding Utilizing Known Interference for the Multiantenna Downlink. IEEE Transactions on Vehicular Technology, 2014, 63, 4383-4394.	6.3	12
93	Drone Positioning for User Coverage Maximization. , 2018, , .		12
94	Symbol Error Rate Minimization Precoding for Interference Exploitation. IEEE Transactions on Communications, 2018, 66, 5718-5731.	7.8	12
95	Radio-frequency chain selection for energy and spectral efficiency maximization in hybrid beamforming under hardware imperfections. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200451.	2.1	12
96	Antenna Selection for Energy-Efficient Dual-Functional Radar-Communication Systems. IEEE Wireless Communications Letters, 2022, 11, 741-745.	5.0	12
97	Energy Efficient Dual-Functional Radar-Communication: Rate-Splitting Multiple Access, Low-Resolution DACs, and RF Chain Selection. IEEE Open Journal of the Communications Society, 2022, 3, 986-1006.	6.9	12
98	Geometric Power Control for Time-Switching Energy-Harvesting Two-User Interference Channel. IEEE Transactions on Vehicular Technology, 2016, 65, 9759-9772.	6.3	10
99	Dual-functional Cellular and Radar Transmission: Beyond Coexistence. , 2018, , .		10
100	Interference Exploitation-Based Hybrid Precoding With Robustness Against Phase Errors. IEEE Transactions on Wireless Communications, 2019, 18, 3683-3696.	9.2	10
101	Enhancing the Physical Layer Security of Dual-Functional Radar Communication Systems. , 2019, , .		10
102	Joint Beamforming Design for Extended Target Estimation and Multiuser Communication. , 2020, , .		10
103	A Scalable Performanceâ€“Complexity Tradeoff for Constellation Randomization in Spatial Modulation. IEEE Transactions on Vehicular Technology, 2017, 66, 2834-2838.	6.3	9
104	Distributed Radar-aided Vehicle-to-Vehicle Communication. , 2020, , .		9
105	Waveform Design for Joint Radar-Communications with Low Complexity Analog Components. , 2022, , .		9
106	On the spectral efficiency of space-constrained massive MIMO with linear receivers. , 2016, , .		8
107	Constructive interference based secure precoding. , 2017, , .		8
108	Simultaneous target detection and multi-user communications enabled by joint beamforming. , 2018, , .		8

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109	Learning-Based Predictive Transmitter-Receiver Beam Alignment in Millimeter Wave Fixed Wireless Access Links. IEEE Transactions on Signal Processing, 2021, 69, 3268-3282.	5.3	8
110	Large scale antenna arrays with increasing antennas in limited physical space. China Communications, 2014, 11, 7-15.	3.2	7
111	Constructive interference exploitation for downlink beamforming based on noise robustness and outage probability. , 2016, , .		7
112	Robust Energy Harvesting FD Transmission: Interference Suppression Versus Exploitation. IEEE Communications Letters, 2018, 22, 1866-1869.	4.1	7
113	Delay-Constrained Beamforming and Resource Allocation in Full Duplex Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 3476-3480.	6.3	7
114	Exploring green interference power for wireless information and energy transfer in the MISO downlink. , 2015, , .		6
115	Symbol-level precoding in MISO broadcast channels for SWIPT systems. , 2016, , .		6
116	Partial CSI Acquisition for Size-Constrained Massive MIMO Systems With User Mobility. IEEE Transactions on Vehicular Technology, 2018, 67, 9016-9020.	6.3	6
117	Radar-Assisted Predictive Beamforming for Vehicle-to-Infrastructure Links. , 2020, , .		6
118	Beam Drift in Millimeter Wave Links: Beamwidth Tradeoffs and Learning Based Optimization. IEEE Transactions on Communications, 2021, 69, 6661-6674.	7.8	6
119	Joint Localization and Predictive Beamforming in Vehicular Networks: Power Allocation Beyond Water-Filling. , 2021, , .		6
120	Reducing self-interference in full duplex transmission by interference exploitation. , 2017, , .		5
121	Optimal Waveform Design for Dual-functional MIMO Radar-Communication Systems. , 2018, , .		5
122	Robust Secure Precoding and Antenna Selection: A Probabilistic Optimization Approach for Interference Exploitation. , 2019, , .		5
123	On the Finite Constellation Sum Rates for ZF and CI Precoding. , 2019, , .		5
124	Rate Splitting Approach Under PSK signaling Using Constructive Interference Precoding Technique. , 2019, , .		5
125	Accelerated Learning-Based MIMO Detection through Weighted Neural Network Design. , 2020, , .		5
126	Multiplexing More Data Streams in the MU-MISO Downlink by Interference Exploitation Precoding. , 2020, , .		5

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127	Rate Splitting With Finite Constellations: The Benefits of Interference Exploitation vs Suppression. IEEE Open Journal of the Communications Society, 2021, 2, 1541-1557.	6.9	5
128	Joint Radar-Communication-Based Bayesian Predictive Beamforming for Vehicular Networks. , 2020, , .		5
129	Power Loss Reduction for MMSE-THP With Multidimensional Symbol Scaling. IEEE Communications Letters, 2014, 18, 1147-1150.	4.1	4
130	On the effect of antenna correlation and coupling on energy-efficiency of massive MIMO systems. , 2014, , .		4
131	Exploiting the Tolerance of Massive MIMO to Incomplete CSI for Low-Complexity Transmission. , 2015, , .		4
132	Learning to Select for Mimo Radar Based on Hybrid Analog-Digital Beamforming. , 2021, , .		4
133	Error Probability Analysis and Power Allocation for Interference Exploitation Over Rayleigh Fading Channels. IEEE Transactions on Wireless Communications, 2021, 20, 5754-5768.	9.2	4
134	Symbol-Level Precoding Made Practical for Multi-Level Modulations via Block-Level Rescaling. , 2021, , .		4
135	Multicluster-Coordination Industrial Internet of Things: The Era of Nonorthogonal Transmission. IEEE Vehicular Technology Magazine, 2022, 17, 84-93.	3.4	4
136	Physical Layer Anonymous Precoding: The Path to Privacy-Preserving Communications. IEEE Wireless Communications, 2022, 29, 154-160.	9.0	4
137	Secure Full-Duplex Device-to-Device Communication. , 2017, , .		3
138	Radar and Communication Coexistence Enabled by Interference Exploitation. , 2017, , .		3
139	Interference Exploitation Based Secure Transmission for Distributed Antenna Systems. , 2019, , .		3
140	Interfering Channel Estimation for Radar and Communication Coexistence. , 2019, , .		3
141	UAV Trajectory Design and Bandwidth Allocation for Coverage Maximization with Energy and Time Constraints. , 2020, , .		3
142	Low-Complexity PAPR Minimization for Symbol Level Precoded Multi-User MISO-OFDM System. IEEE Communications Letters, 2022, 26, 409-413.	4.1	3
143	A Joint Radar-Communication Precoding Design Based on CramÃ©r-Rao Bound Optimization. , 2022, , .		3
144	On the energy efficiency of massive MIMO with space-constrained 2D antenna arrays. , 2016, , .		2

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145	Bivariate probabilistic constrained programming for interference exploitation in the cognitive radio. , 2017, , .		2
146	Interference Exploitation Precoding for Multi-level Modulations. , 2019, , .		2
147	On the Performance of Physically Constrained Multi-Pair Two-Way Massive MIMO Relaying with Zero Forcing. , 2019, , .		2
148	On the Error Probability of Interference Exploitation Precoding with Power Allocation. , 2020, , .		2
149	Probabilistic Constructive Interference Precoding for Imperfect CSIT. IEEE Transactions on Vehicular Technology, 2021, 70, 3932-3937.	6.3	2
150	On the Secrecy Performance of Interference Exploitation With PSK: A Non-Gaussian Signaling Analysis. IEEE Transactions on Wireless Communications, 2021, 20, 7100-7117.	9.2	2
151	Multipair Relaying With Space-Constrained Large-Scale MIMO Arrays: Spectral and Energy Efficiency Analysis With Incomplete CSI. IEEE Open Journal of the Communications Society, 2021, 2, 2357-2371.	6.9	2
152	A Unified Framework for Precoding and Pilot Design for FDD Symbol-Level Precoding. IEEE Transactions on Wireless Communications, 2022, 21, 2862-2875.	9.2	2
153	Dynamic Code Allocation for Constructive Interference Exploitation in DS-CDMA Systems. , 2008, , .		1
154	Selective Channel Inversion Precoding for the Downlink of MIMO Wireless Systems. , 2009, , .		1
155	A Transmitter-Based Beamforming Scheme for the MIMO Downlink Employing Adaptive Channel Decomposition. , 2010, , .		1
156	Introduction to the Issue on Hybrid Analogâ€“Digital Signal Processing for Hardware-Efficient Large Scale Antenna Arrays (Part II). IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 419-421.	10.8	1
157	Near-Optimal Interference Exploitation 1-Bit Massive MIMO Precoding Via Partial Branch-and-Bound. , 2020, , .		1
158	Editorial: Introduction to the Issue on Joint Communication and Radar Sensing for Emerging Applications. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 1290-1294.	10.8	1
159	A Near-Far Resistant Precoding Technique for DS-CDMA Systems. , 2007, , .		0
160	Data-Driven Code-Hopping for MC-CDMA Precoding Schemes. , 2008, , .		0
161	Transmit Antenna Selection for Partially Precoded MIMO Systems. , 2009, , .		0
162	A Hybrid MC-CDMA Precoding Scheme Employing Code Hopping and Partial Beamforming. , 2009, , .		0

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163	A dynamic symbol mapping technique for MIMO systems with V-BLAST detection. , 2010, , .		0
164	A Throughput Enhancing Linear Precoding Scheme for the MIMO Downlink. , 2010, , .		0
165	Introduction to the Issue on Signal Processing for Exploiting Interference Toward Energy Efficient and Secure Wireless Communications. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1331-1333.	10.8	0
166	Introduction to the Issue on Hybrid Analogâ€“Digital Signal Processing for Hardware-Efficient Large-Scale Antenna Arrays (Part I). IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 253-255.	10.8	0
167	Interference Exploitation for Secure Communications: Error Rate and Secrecy Analysis. , 2020, , .		0
168	Robust Hybrid Precoding For Interference Exploitation in Massive Mimo Systems. , 2020, , .		0
169	Robust Interference Exploitation for Multi-Cell Transmission. , 2020, , .		0
170	Interference Exploitation-Based Hybrid Precoding With Robustness Against Channel Errors. , 2020, , .		0
171	Constant Envelope Precoding With Extended Degrees of Freedom Through Per-User Symbol Scaling. IEEE Communications Letters, 2021, 25, 1620-1624.	4.1	0
172	Constructive Interference based Joint Combiner and Precoder Design in Multiuser MIMO Systems. , 2021, , .		0
173	Physical Layer Anonymous Communications: An Anonymity Entropy Oriented Precoding Design (Invited) Tj ETQq1 1 0.784314 rgBT /Ov		0
174	Guest Editorial Special Issue on Integrated Sensing and Communicationâ€”Part I. IEEE Journal on Selected Areas in Communications, 2022, 40, 1723-1727.	14.0	0
175	Guest Editorial Special Issue on Integrated Sensing and Communicationâ€”Part II. IEEE Journal on Selected Areas in Communications, 2022, 40, 2007-2010.	14.0	0
176	Security Tradeoffs in Rate Splitting Multiple Access: Optimal Signal Splitting vs Revealing. , 2022, , .		0