Christos G Tsinos

List of Publications by Year
in descending order

41 papers	916 citations	623734 14 h-index	642732 23 g-index
41 all docs	41 docs citations	41 times ranked	691 citing authors

#	Article	IF	Citations
1	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
2	Symbol-Level and Multicast Precoding for Multiuser Multiantenna Downlink: A State-of-the-Art, Classification, and Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 1733-1757.	39.4	104
3	On the Energy-Efficiency of Hybrid Analog–Digital Transceivers for Single- and Multi-Carrier Large Antenna Array Systems. IEEE Journal on Selected Areas in Communications, 2017, 35, 1980-1995.	14.0	73
4	Dynamic RF Chain Selection for Energy Efficient and Low Complexity Hybrid Beamforming in Millimeter Wave MIMO Systems. IEEE Transactions on Green Communications and Networking, 2019, 3, 886-900.	5.5	52
5	Joint Transmit Waveform and Receive Filter Design for Dual-Function Radar-Communication Systems. IEEE Journal on Selected Topics in Signal Processing, 2021, 15, 1378-1392.	10.8	50
6	Distributed Blind Hyperspectral Unmixing via Joint Sparsity and Low-Rank Constrained Non-Negative Matrix Factorization. IEEE Transactions on Computational Imaging, 2017, 3, 160-174.	4.4	41
7	Symbol-Level Precoding for Low Complexity Transmitter Architectures in Large-Scale Antenna Array Systems. IEEE Transactions on Wireless Communications, 2019, 18, 852-863.	9.2	41
8	Downlink Transmit Design for Massive MIMO LEO Satellite Communications. IEEE Transactions on Communications, 2022, 70, 1014-1028.	7.8	38
9	5G Cellular and Fixed Satellite Service Spectrum Coexistence in C-Band. IEEE Access, 2020, 8, 72078-72094.	4.2	36
10	Hybrid Transceivers Design for Large-Scale Antenna Arrays Using Majorization-Minimization Algorithms. IEEE Transactions on Signal Processing, 2020, 68, 701-714.	5.3	35
11	An Efficient Algorithm for Unit-Modulus Quadratic Programs With Application in Beamforming for Wireless Sensor Networks. IEEE Signal Processing Letters, 2018, 25, 169-173.	3.6	29
12	Joint Bit Allocation and Hybrid Beamforming Optimization for Energy Efficient Millimeter Wave MIMO Systems. IEEE Transactions on Green Communications and Networking, 2021, 5, 119-132.	5.5	27
13	Hybrid analog-digital transceiver designs for cognitive radio millimiter wave systems. , 2016, , .		22
14	Hybrid Analog-Digital Transceiver Designs for Multi-User MIMO mmWave Cognitive Radio Systems. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 310-324.	7.9	22
15	Resource Allocation for Licensed/Unlicensed Carrier Aggregation MIMO Systems. IEEE Transactions on Communications, 2017, 65, 3765-3779.	7.8	18
16	Symbol-Level Precoding with Low Resolution DACs for Large-Scale Array MU-MIMO Systems. , 2018, , .		16
17	Energy Efficient ADC Bit Allocation and Hybrid Combining for Millimeter Wave MIMO Systems. , 2019, , .		13
18	Hybrid A/D Precoding for Downlink Massive MIMO in LEO Satellite Communications. , 2021, , .		13

#	Article	IF	Citations
19	MIMO directional modulation M-QAM precoding for transceivers performance enhancement. , 2017, , .		12
20	Constant Envelope MIMO-OFDM Precoding for Low Complexity Large-Scale Antenna Array Systems. IEEE Transactions on Wireless Communications, 2020, 19, 7973-7985.	9.2	11
21	Symbol Level Precoding With Low Resolution DACs for Constant Envelope OFDM MU-MIMO Systems. IEEE Access, 2020, 8, 12856-12866.	4.2	10
22	Efficient Algorithms for Constant-Modulus Analog Beamforming. IEEE Transactions on Signal Processing, 2022, 70, 756-771.	5.3	10
23	On the energy-efficiency of hybrid analog-digital transceivers for large antenna array systems. , 2017, , .		9
24	Joint Symbol Level Precoding and Combining for MIMO-OFDM Transceiver Architectures Based on One-Bit DACs and ADCs. IEEE Transactions on Wireless Communications, 2021, 20, 4601-4613.	9.2	9
25	Waveform Design for Joint Radar-Communications with Low Complexity Analog Components. , 2022, , .		9
26	Spatial peak power minimization for relaxed phase M-PSK MIMO directional modulation transmitter. , 2017, , .		8
27	Learning-Assisted Eavesdropping and Symbol-Level Precoding Countermeasures for Downlink MU-MISO Systems. IEEE Open Journal of the Communications Society, 2020, 1, 535-549.	6.9	7
28	SER -Constrained Symbol-Level Precoding for Physical-Layer Security. , 2019, , .		6
29	Majorization-Minimization Algorithms for Analog Beamforming with Large-Scale Antenna Arrays. , 2019, , .		6
30	Analog Beamforming With Antenna Selection For Large-Scale Antenna Arrays. , 2021, , .		6
31	Massive MIMO Hybrid Precoding for LEO Satellite Communications With Twin-Resolution Phase Shifters and Nonlinear Power Amplifiers. IEEE Transactions on Communications, 2022, 70, 5543-5557.	7.8	6
32	A Cooperative Uplink Transmission Technique with Improved Diversity-Multiplexing Tradeoff. IEEE Transactions on Vehicular Technology, 2014, , 1-1.	6.3	5
33	On Channel Selection for Carrier Aggregation Systems. IEEE Transactions on Communications, 2018, 66, 808-818.	7.8	5
34	Resource allocation for licensed/unlicensed carrier aggregation MIMO systems. , 2016, , .		2
35	Antenna Selection Symbol-Level Precoding for Low Complexity Large-Scale Antenna Array Systems. , 2018, , .		2
36	Constant Envelope Massive MIMO-OFDM Precoding: an Improved Formulation and Solution. , 2020, , .		2

#	Article	IF	Citations
37	Machine Learning Assisted PHYSEC Attacks and SLP Countermeasures for Multi-Antenna Downlink Systems. , 2019, , .		1
38	Constant-Envelope Precoding for Satellite Systems. , 2020, , .		1
39	RF Precoding for Cognitive Radio Systems. IEEE Wireless Communications Letters, 2022, 11, 1845-1849.	5.0	1
40	A Novel Learning-based Hard Decoding Scheme and Symbol-Level Precoding Countermeasures. , 2021, , .		0
41	Multi-Antenna Data-Driven Eavesdropping Attacks and Symbol-Level Precoding Countermeasures. IEEE Open Journal of Vehicular Technology, 2021, 2, 321-336.	4.9	0