

Costas N Georghiadis

List of Publications by Year in descending order

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82
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87
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87
docs citations

87
times ranked

938
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Analysis of Monostatic Multi-Tag Backscatter Systems With General Order Tag Selection. IEEE Wireless Communications Letters, 2020, 9, 1201-1205.	5.0	15
2	On the Throughput of Interference-Based Wireless Powered Communications With Receive Antenna Selection. IEEE Transactions on Vehicular Technology, 2020, 69, 3048-3056.	6.3	4
3	Asymptotic Performance Analysis of Generalized User Selection for Interference-Limited Multiuser Secondary Networks. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 82-92.	7.9	11
4	Coding for Visible Light Communication Using Color-Shift Keying Constellations. IEEE Transactions on Communications, 2019, 67, 4955-4966.	7.8	10
5	Asymptotic Performance Analysis of the k th Best Link Selection Over Wireless Fading Channels: An Extreme Value Theory Approach. IEEE Transactions on Vehicular Technology, 2018, 67, 6652-6657.	6.3	13
6	On the Secrecy Performance of Generalized User Selection for Interference-Limited Multiuser Wireless Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 12442-12446.	6.3	4
7	Code Design for Flicker Mitigation in Visible Light Communications Using Finite State Machines. IEEE Transactions on Communications, 2017, 65, 2091-2100.	7.8	29
8	Asymptotic Performance Analysis of Multiuser Diversity in Free Space Optical Communication Systems. , 2017, , .		2
9	Fundamentals of Faster-than-Nyquist Signaling. , 2017, , 203-222.		2
10	On the effective rate of MISO/TAS systems in Rayleigh fading. , 2017, , .		4
11	Code Design in Visible Light Communications Using Color-Shift-Keying Constellations. , 2016, , .		6
12	On Asymptotic Statistics for Geometric Routing Schemes in Wireless Ad Hoc Networks. IEEE/ACM Transactions on Networking, 2015, 23, 559-573.	3.8	11
13	Joint random spectrum sensing and access scheme for decentralized cognitive radio networks. , 2014, , .		4
14	Linearized Robust Beamforming for Two-Way Relay Systems. IEEE Signal Processing Letters, 2014, 21, 1017-1021.	3.6	7
15	On the Probabilistic Model for Primary and Secondary User Activity for OFDMA-Based Cognitive Radio Systems: Spectrum Occupancy and System Throughput Perspectives. IEEE Transactions on Wireless Communications, 2014, 13, 356-369.	9.2	5
16	Large Overlaid Cognitive Radio Networks: From Throughput Scaling to Asymptotic Multiplexing Gain. IEEE Transactions on Wireless Communications, 2014, 13, 3042-3055.	9.2	4
17	Statistical analysis of secondary users throughput for OFDMA cognitive radio networks. , 2013, , .		1
18	Secrecy Capacity per Unit Cost. IEEE Journal on Selected Areas in Communications, 2013, 31, 1909-1920.	14.0	45

#	ARTICLE	IF	CITATIONS
19	Spectrum availability model of secondary users in cognitive radio networks. , 2012, , .		1
20	A Probabilistic Model of Spectrum Availability for OFDMA Based Cognitive Radio Systems. IEEE Communications Letters, 2012, 16, 1780-1783.	4.1	6
21	Robust beamforming with channel uncertainty for two-way relay networks. , 2012, , .		7
22	Secret Writing on Dirty Paper: A Deterministic View. IEEE Transactions on Information Theory, 2012, 58, 3419-3429.	2.4	24
23	Robust Network Codes for Unicast Connections: A Case Study. IEEE/ACM Transactions on Networking, 2011, 19, 644-656.	3.8	28
24	Spatio-temporal measurement and model for number of occupied channels. , 2011, , .		5
25	Secret writing on dirty paper: A deterministic view. , 2011, , .		1
26	On the Index Coding Problem and Its Relation to Network Coding and Matroid Theory. IEEE Transactions on Information Theory, 2010, 56, 3187-3195.	2.4	280
27	Asymptotic Performance of ALOHA-Based Cognitive Overlaid Networks. , 2010, , .		0
28	On secrecy capacity per unit cost. , 2009, , .		1
29	A new construction method for networks from matroids. , 2009, , .		12
30	On the relation between the Index Coding and the Network Coding problems. , 2008, , .		39
31	Least-square estimation for nonlinear systems with applications to phase and envelope estimation in wireless fading channels. , 2008, , .		1
32	Robust estimation with applications to phase and envelope estimation in frequency selective wireless fading channels. , 2008, , .		0
33	Asynchronous Co-channel Interference Suppression in MIMO OFDM Systems. , 2007, , .		18
34	Robust Network Coding for Bidirected Networks. , 2007, , .		6
35	On Some Near Optimal Low Complexity Detectors for MIMO Fading Channels. IEEE Transactions on Wireless Communications, 2007, 6, 1182-1186.	9.2	17
36	Bounds on Codes Based on Graph Theory. , 2007, , .		12

#	ARTICLE	IF	CITATIONS
37	Optimum Bit-by-Bit Power Allocation for Minimum Distortion Transmission. , 2006, , .		2
38	Resolving the ambiguities due to spatial undersampling in wideband uniform linear arrays. , 2005, , .		2
39	A selective survey on ISM-band noise profile measurement and forecasting. , 2005, , .		0
40	Frame Synchronization for Coded Systems Over AWGN Channels. IEEE Transactions on Communications, 2004, 52, 484-489.	7.8	41
41	Two EM-type channel estimation algorithms for OFDM with transmitter diversity. , 2002, , .		5
42	Error-Control Coding Techniques and Applications. , 2002, , 902-964.		8
43	A distributed source coding technique for highly correlated images using turbo-codes. , 2002, , .		5
44	Turbo decoding of quantized data. IEEE Transactions on Communications, 2002, 50, 56-64.	7.8	11
45	Synchronization. , 2002, , .		2
46	Non-data-aided ML carrier frequency and phase synchronization in OFDM systems. European Transactions on Telecommunications, 2001, 12, 83-94.	1.2	5
47	Complementary sequences for ISI channel estimation. IEEE Transactions on Information Theory, 2001, 47, 1145-1152.	2.4	141
48	Error performance analysis of space-time codes over Rayleigh fading channels. Journal of Communications and Networks, 2000, 2, 351-355.	2.6	29
49	Rapid carrier acquisition from baud-rate samples. IEEE Transactions on Communications, 1999, 47, 631-641.	7.8	50
50	Multihead detection for multitrack recording channels. IEEE Transactions on Information Theory, 1998, 44, 2988-2997.	2.4	45
51	On symbol synchronization of MPPM sequences. IEEE Transactions on Communications, 1998, 46, 587-589.	7.8	8
52	Coding for two-head recording systems. IEEE Transactions on Information Theory, 1995, 41, 747-755.	2.4	16
53	Pilot symbol initiated optimal decoder for the land mobile fading channel. , 1995, , .		0
54	Synchronizable codes for the optical OPPM channel. IEEE Transactions on Information Theory, 1994, 40, 1097-1107.	2.4	28

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55	Maximum-likelihood symbol synchronization and detection of OPPM sequences. IEEE Transactions on Communications, 1994, 42, 2282-2290.	7.8	6
56	Modulation and coding for high rate optical intersatellite links. , 1994, , .		0
57	Frame synchronization for optical overlapping pulse-position modulation systems. IEEE Transactions on Communications, 1992, 40, 783-794.	7.8	19
58	A Position Estimation Algorithm for Vehicle Following. , 1992, , .		2
59	The expectation-maximization algorithm for symbol unsynchronized sequence detection. IEEE Transactions on Communications, 1991, 39, 54-61.	7.8	80
60	Sequence estimation and synchronization from nonsynchronized samples. IEEE Transactions on Information Theory, 1991, 37, 1649.	2.4	27
61	On the synchronizability and detectability of random PPM sequences. IEEE Transactions on Information Theory, 1989, 35, 146-156.	2.4	8
62	Simulation performance of optimal and suboptimal nonsynchronized receivers. IEEE Transactions on Communications, 1989, 37, 407-411.	7.8	1
63	On PPM sequences with good autocorrelation properties. IEEE Transactions on Information Theory, 1988, 34, 571-576.	2.4	8
64	Joint sequential channel estimation and multiuser detection for uplink CDMA over multipath fading. , 0, , .		2
65	An EM-based channel estimation algorithm for OFDM with transmitter diversity. , 0, , .		19
66	Throughput efficiency considerations for optical OPPM. , 0, , .		7
67	Maximum-likelihood sequence estimation for fading channels via the EM algorithm. , 0, , .		2
68	Signaling over high-speed optical intersatellite links. , 0, , .		0
69	A five-head, three-track, magnetic recording channel. , 0, , .		1
70	Iterative joint sequence and channel estimation for fast time-varying intersymbol interference channels. , 0, , .		16
71	Maximum-likelihood detection in the presence of interference. , 0, , .		3
72	Blind frequency compensation for binary CPM with $h=1/2$ and a positive frequency pulse. , 0, , .		2

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73	ISI channel estimation using complementary sequences. , 0, , .		0
74	Generalized product accumulate codes: analysis and performance. , 0, , .		8
75	Adaptive data transmission based on band-selection for MC-CDMA systems. , 0, , .		7
76	Product accumulate codes: properties and performance. , 0, , .		3
77	Some results on channel estimation and detection for space-time OFDM systems. , 0, , .		0
78	Effect of shadowing on the performance of space-time trellis coded systems. , 0, , .		2
79	Compression of binary sources with side information using low-density parity-check codes. , 0, , .		20
80	Distributed compression of binary sources using conventional parallel and serial concatenated convolutional codes. , 0, , .		42
81	Code-search for optimal TSC binary sequences with low cross-correlation spectrum. , 0, , .		10
82	Block code design based on metric-spectrum. , 0, , .		0