

P Takis Mathiopoulos

List of Publications by Year in descending order

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185
papers

4,895
citations

126708

33
h-index

118652

62
g-index

187
all docs

187
docs citations

187
times ranked

3454
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Blockchain-Based Product Ownership Management System (POMS) for Anti-Counterfeits in the Post Supply Chain. IEEE Access, 2017, 5, 17465-17477.	2.6	418
2	On the performance analysis of digital communications over generalized-k fading channels. IEEE Communications Letters, 2006, 10, 353-355.	2.5	325
3	N^{\ast} Nakagami: A Novel Stochastic Model for Cascaded Fading Channels. IEEE Transactions on Communications, 2007, 55, 1453-1458.	4.9	292
4	Nonregenerative Dual-Hop Cooperative Links with Selection Diversity. Eurasip Journal on Wireless Communications and Networking, 2006, 2006, 1.	1.5	142
5	A Multiscale and Hierarchical Feature Extraction Method for Terrestrial Laser Scanning Point Cloud Classification. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 2409-2425.	2.7	138
6	Full-Duplex Cooperative NOMA Relaying Systems With I/Q Imbalance and Imperfect SIC. IEEE Wireless Communications Letters, 2020, 9, 17-20.	3.2	123
7	A Methodology for Automated Segmentation and Reconstruction of Urban 3-D Buildings from ALS Point Clouds. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4199-4217.	2.3	106
8	Analytical level crossing rates and average fade durations for diversity techniques in Nakagami fading channels. IEEE Transactions on Communications, 2002, 50, 1301-1309.	4.9	103
9	Diversity reception over generalized-K (KG) fading channels. IEEE Transactions on Wireless Communications, 2007, 6, 4238-4243.	6.1	103
10	Millimeter-Wave NOMA Transmission in Cellular M2M Communications for Internet of Things. IEEE Internet of Things Journal, 2018, 5, 1989-2000.	5.5	102
11	Performance Analysis of Dual Selection Diversity in Correlated Weibull Fading Channels. IEEE Transactions on Communications, 2004, 52, 1063-1067.	4.9	97
12	Optimal decoding of coded PSK and QAM signals in correlated fast fading channels and AWGN: a combined envelope, multiple differential and coherent detection approach. IEEE Transactions on Communications, 1994, 42, 63-75.	4.9	95
13	Fast simulation of diversity nakagami fading channels using finite-state markov models. IEEE Transactions on Broadcasting, 2003, 49, 269-277.	2.5	87
14	A Multilevel Point-Cluster-Based Discriminative Feature for ALS Point Cloud Classification. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 3309-3321.	2.7	81
15	3-D Indoor Positioning for Millimeter-Wave Massive MIMO Systems. IEEE Transactions on Communications, 2018, 66, 2472-2486.	4.9	77
16	A Three-Layered Graph-Based Learning Approach for Remote Sensing Image Retrieval. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6020-6034.	2.7	72
17	A terabit/second satellite system for European broadband access: a feasibility study. International Journal of Satellite Communications and Networking, 2014, 32, 63-92.	1.2	70
18	On the performance analysis of equal-gain diversity receivers over generalized gamma fading channels. IEEE Transactions on Wireless Communications, 2006, 5, 2967-2975.	6.1	65

#	ARTICLE	IF	CITATIONS
19	Performance Analysis of Dual-Hop AF Relaying Systems over Mixed η - κ Fading Channels. IEEE Transactions on Vehicular Technology, 2013, 62, 3149-3163.	3.9	61
20	MLRSNet: A multi-label high spatial resolution remote sensing dataset for semantic scene understanding. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 169, 337-350.	4.9	60
21	On the performance of iterative noncoherent detection of coded M-PSK signals. IEEE Transactions on Communications, 2000, 48, 588-596.	4.9	58
22	Free-Space Optical Communication With Spatial Modulation and Coherent Detection Over H-K Atmospheric Turbulence Channels. Journal of Lightwave Technology, 2015, 33, 4221-4232.	2.7	57
23	ADC and DSP challenges in the development of software radio base stations. IEEE Personal Communications, 1999, 6, 47-55.	4.5	53
24	A Structure-Aware Global Optimization Method for Reconstructing 3-D Tree Models From Terrestrial Laser Scanning Data. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 5653-5669.	2.7	53
25	Satellite Communications: Research Trends and Open Issues. , 2007, , .		52
26	Selection diversity receivers in Weibull fading: outage probability and average signal-to-noise ratio. Electronics Letters, 2003, 39, 1859.	0.5	50
27	A Novel Methodology for HYIP Operatorsâ€™ Bitcoin Addresses Identification. IEEE Access, 2019, 7, 74835-74848.	2.6	49
28	A Three-Step Approach for TLS Point Cloud Classification. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5412-5424.	2.7	44
29	Identification of High Yielding Investment Programs in Bitcoin via Transactions Pattern Analysis. , 2017, , .		43
30	On optimal and near-optimal turbo decoding using generalized max operator. IEEE Communications Letters, 2009, 13, 522-524.	2.5	42
31	Performance Analysis of a Class of GSC Receivers Over Nonidentical Weibull Fading Channels. IEEE Transactions on Vehicular Technology, 2005, 54, 1963-1970.	3.9	40
32	Switched diversity receivers over generalized gamma fading channels. IEEE Communications Letters, 2005, 9, 871-873.	2.5	38
33	A hierarchical methodology for urban facade parsing from TLS point clouds. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 123, 75-93.	4.9	36
34	Multi-Class Bitcoin-Enabled Service Identification Based on Transaction History Summarization. , 2018, , .		36
35	Blockchain-Enabled Federated Learning With Mechanism Design. IEEE Access, 2020, 8, 219744-219756.	2.6	36
36	Multiple differential detection of parallel concatenated convolutional (turbo) codes in correlated fast Rayleigh fading. IEEE Journal on Selected Areas in Communications, 1998, 16, 265-275.	9.7	34

#	ARTICLE	IF	CITATIONS
37	Switch-and-Examine Diversity Over Arbitrarily Correlated Nakagami- m Fading Channels. IEEE Transactions on Vehicular Technology, 2010, 59, 2080-2087.	3.9	34
38	A comparison study of the uplink performance of W-CDMA and OFDM for mobile multimedia communications via LEO satellites. IEEE Personal Communications, 2001, 8, 35-43.	4.5	33
39	The bivariate generalized- Γ (Γ - G) distribution and its application to diversity receivers. IEEE Transactions on Communications, 2009, 57, 2655-2662.	4.9	31
40	BER Analysis of SCMA Systems With Codebooks Based on Star-QAM Signaling Constellations. IEEE Communications Letters, 2017, 21, 1925-1928.	2.5	31
41	Channeling Partitioning Policies for Multi-Class Traffic in LEO-MSS. IEEE Transactions on Aerospace and Electronic Systems, 2009, 45, 1320-1334.	2.6	30
42	Modified sum-product algorithms for decoding low-density parity-check codes. IET Communications, 2007, 1, 294.	1.5	29
43	An Exact Performance Analysis of MRC / OSTBC over Generalized Fading Channels. IEEE Transactions on Communications, 2010, 58, 2486-2492.	4.9	29
44	Performance Analysis and Improvement Methods for Channel Resource Management Strategies of LEO-MSS With Multiparty Traffic. IEEE Transactions on Vehicular Technology, 2008, 57, 3832-3842.	3.9	28
45	Frame synchronization in frequency uncertainty. IEEE Transactions on Communications, 2010, 58, 1235-1246.	4.9	28
46	GSC diversity receivers over generalized-gamma fading channels. IEEE Communications Letters, 2007, 11, 964-966.	2.5	27
47	Secure Beamforming Design in Relay-Assisted Internet of Things. IEEE Internet of Things Journal, 2019, 6, 6453-6464.	5.5	27
48	A Novel Framework for 2.5-D Building Contouring From Large-Scale Residential Scenes. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 4121-4145.	2.7	27
49	Fourier-Bessel error performance analysis and evaluation of M-ary QAM schemes in an impulsive noise environment. IEEE Transactions on Communications, 1991, 39, 398-404.	4.9	26
50	On the Performance Analysis of Dynamic Channel Allocation With FIFO Handover Queuing in LEO-MSS. IEEE Transactions on Communications, 2005, 53, 1443-1446.	4.9	26
51	Performance analysis of M-ary PPM TH-UWB systems in the presence of MUI and timing jitter. IEEE Journal on Selected Areas in Communications, 2006, 24, 822-828.	9.7	26
52	Secrecy Rate Optimization for Cooperative Cognitive Radio Networks Aided by a Wireless Energy Harvesting Jammer. IEEE Access, 2018, 6, 34127-34134.	2.6	26
53	A Comparative Study Between SC-FDMA and OFDMA Schemes for Satellite Uplinks. IEEE Transactions on Broadcasting, 2012, 58, 370-378.	2.5	25
54	Land-Use Mapping for High-Spatial Resolution Remote Sensing Image Via Deep Learning: A Review. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 5372-5391.	2.3	25

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55	Capacity of Correlated Generalized Gamma Fading With Dual-Branch Selection Diversity. IEEE Transactions on Vehicular Technology, 2009, 58, 5258-5663.	3.9	24
56	Mobility-aware partial computation offloading in vehicular networks: A deep reinforcement learning based scheme. China Communications, 2020, 17, 31-49.	2.0	24
57	Efficient video transmission over correlated Nakagami fading channels for IS-95 CDMA systems. IEEE Journal on Selected Areas in Communications, 2000, 18, 996-1011.	9.7	22
58	Simplified sum-product algorithm for decoding LDPC codes with optimal performance. Electronics Letters, 2009, 45, 116.	0.5	22
59	Performance of Multicode DS/CDMA With Noncoherent M -ary Orthogonal Modulation in Multipath Fading Channels. IEEE Transactions on Wireless Communications, 2004, 3, 209-223.	6.1	21
60	DVB-S2 LDPC Decoding Using Robust Check Node Update Approximations. IEEE Transactions on Broadcasting, 2008, 54, 120-126.	2.5	21
61	Differentially detected GMSK signals in CCI channels for mobile cellular telecommunication systems. IEEE Transactions on Vehicular Technology, 1993, 42, 289-293.	3.9	20
62	Performance of M-QAM with coherent equal-gain combining in correlated Nakagami- m fading. Electronics Letters, 2003, 39, 141.	0.5	20
63	Exact Performance Analysis of Dual-Branch Coherent Equal-Gain Combining in Nakagami- m , Rician, and Hoyt Fading. IEEE Transactions on Vehicular Technology, 2008, 57, 921-931.	3.9	20
64	Joint Impact of Hardware Impairments and Imperfect CSI on Cooperative SWIPT NOMA Multi-Relaying Systems. , 2018, , .		20
65	Optimal detection of coded differentially encoded QAM and PSK signals with diversity reception in correlated fast Rician fading channels. IEEE Transactions on Vehicular Technology, 1993, 42, 245-258.	3.9	19
66	On the Correlated K -Distribution With Arbitrary Fading Parameters. IEEE Signal Processing Letters, 2008, 15, 541-544.	2.1	19
67	On the Effective Capacity of Amplify-and-Forward Multihop Transmission Over Arbitrary and Correlated Fading Channels. IEEE Wireless Communications Letters, 2016, 5, 248-251.	3.2	19
68	A Tight Lower Bound for the Symbol Error Performance of the Uplink Sparse Code Multiple Access. IEEE Wireless Communications Letters, 2017, 6, 190-193.	3.2	19
69	Performance of dual-branch coherent equal-gain combining in correlated Nakagami- m fading. Electronics Letters, 2003, 39, 1152.	0.5	18
70	Performance Analysis of SSC Diversity Receivers over Correlated Ricean Fading Satellite Channels. Eurasip Journal on Wireless Communications and Networking, 2007, 2007, .	1.5	18
71	Quadratic forms in normal RVs: theory and applications to OSTBC over hoyt fading channels. IEEE Transactions on Wireless Communications, 2008, 7, 5009-5019.	6.1	18
72	Effect of power and rate adaptation on the spectral efficiency of MQAM/OFDM system under very fast fading channels. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	18

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73	Perception-based shape retrieval for 3D building models. ISPRS Journal of Photogrammetry and Remote Sensing, 2013, 75, 76-91.	4.9	18
74	Outage Performance of URLLC NOMA Systems With Wireless Power Transfer. IEEE Wireless Communications Letters, 2020, 9, 380-384.	3.2	18
75	A Local Structure and Direction-Aware Optimization Approach for Three-Dimensional Tree Modeling. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 4749-4757.	2.7	17
76	Analytical Envelope Correlation and Spectrum of Maximal-Ratio Combined Fading Signals. IEEE Transactions on Vehicular Technology, 2005, 54, 399-404.	3.9	16
77	The N * Nakagami Fading Channel Model. , 0, , .		16
78	Dual diversity over correlated Ricean fading channels. Journal of Communications and Networks, 2007, 9, 67-74.	1.8	15
79	Non-recursive \max^* operator with reduced implementation complexity for turbo decoding. IET Communications, 2012, 6, 702.	1.5	14
80	On Practical Implementation and Generalizations of \max^* Operator for Turbo and LDPC Decoders. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 888-895.	2.4	14
81	Simplified Log-MAP Algorithm for Very Low-Complexity Turbo Decoder Hardware Architectures. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 531-537.	2.4	14
82	A Gestalt rules and graph-cut-based simplification framework for urban building models. International Journal of Applied Earth Observation and Geoinformation, 2015, 35, 247-258.	1.4	14
83	Diversity combining for coherent and differential M-PSK in fading and class-A impulsive noise. IEEE Transactions on Wireless Communications, 2005, 4, 1425-1432.	6.1	13
84	On the correlated weibull fading model and its applications. , 0, , .		13
85	Performance evaluation of selection diversity receivers over arbitrarily correlated generalised Gamma fading channels. IET Communications, 2010, 4, 1253.	1.5	13
86	Special issue on broadband mobile communications at very high speeds. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	13
87	A geometry and texture coupled flexible generalization of urban building models. ISPRS Journal of Photogrammetry and Remote Sensing, 2012, 70, 1-14.	4.9	13
88	Quasi-Cyclic Low-Density Parity-Check (QC-LDPC) codes for deep space and high data rate applications. , 2009, , .		12
89	Nonredundant error correction analysis and evaluation of differentially detected $\pi/4$ -shift DQPSK systems in a combined CCI and AWGN environment. IEEE Transactions on Vehicular Technology, 1992, 41, 35-48.	3.9	11
90	On the Distribution of the Sum of Generalized Gamma Variates and Applications to Satellite Digital Communications. , 0, , .		11

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91	Analysis and Efficient Evaluation of the BER of OSTBCs With Imperfect Channel Estimation in Arbitrarily Correlated Fading Channels. IEEE Transactions on Signal Processing, 2011, 59, 2720-2733.	3.2	11
92	Performance Analysis of α -Branch Scan-and-Wait Combining (SWC) Over Arbitrarily Correlated Nakagami- m Fading Channels. IEEE Transactions on Vehicular Technology, 2017, 66, 2868-2874.	3.9	11
93	Dual-branch diversity receivers over correlated rician fading channels. , 0, , .		10
94	Digital Communications over Generalized-K Fading Channels. , 0, , .		10
95	Performance analysis of maximal ratio combining over shadowed-Rice fading channels. , 2009, , .		10
96	Performance Comparisons and Improvements of Channel Coding Techniques for Digital Satellite Broadcasting to Mobile Users. IEEE Transactions on Broadcasting, 2011, 57, 94-102.	2.5	10
97	Time Series Analysis for Bitcoin Transactions: The Case of Pirate@40's HYIP Scheme. , 2018, , .		10
98	DFL-LC: Deep Feature Learning With Label Consistencies for Hyperspectral Image Classification. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 3669-3681.	2.3	10
99	HST-NNC: A Novel Hybrid Satellite-Terrestrial Communication With NOMA and Network Coding Systems. IEEE Open Journal of the Communications Society, 2021, 2, 887-898.	4.4	10
100	Online Smoothing of VBR H.263 Video for the CDMA2000 and IS-95B Uplinks. IEEE Transactions on Multimedia, 2004, 6, 647-658.	5.2	9
101	Adaptive Prediction and Cancellation Digitization Method for Wideband Multistandard Software Radio Base-Station Receivers. IEEE Transactions on Vehicular Technology, 2006, 55, 887-902.	3.9	9
102	Rate-compatible punctured DVB-S2 LDPC codes for DVB-SH applications. , 2009, , .		9
103	Joint optimal power allocation and sensing threshold selection for SU's capacity maximisation in SS CRNs. Electronics Letters, 2010, 46, 1406.	0.5	9
104	Pilot reuse and power control of D2D underlaying massive MIMO systems for energy efficiency optimization. Science China Information Sciences, 2017, 60, 1.	2.7	9
105	Projection learning with local and global consistency constraints for scene classification. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 144, 202-216.	4.9	9
106	Performance analysis of asymptotically optimal noncoherent detection of trellis-coded multi-amplitude/-phase modulation signals in Gaussian noise and ISI channels. IEEE Journal on Selected Areas in Communications, 1995, 13, 354-370.	9.7	8
107	Reverse link capacity analysis of cellular CDMA systems with controlled power disparities and successive interference cancellation. IEEE Transactions on Wireless Communications, 2006, 5, 2447-2457.	6.1	8
108	Switched Diversity Receivers over Correlated Weibull Fading Channels. , 2006, , .		8

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109	Time domain constellation shaping technique for peak-to-average power ratio reduction. IET Communications, 2009, 3, 1144.	1.5	8
110	High-Order Statistics for the Channel Capacity of EGC Receivers Over Generalized Fading Channels. IEEE Communications Letters, 2018, 22, 1740-1743.	2.5	8
111	Cost Optimization of Partial Computation Offloading and Pricing in Vehicular Networks. Journal of Signal Processing Systems, 2020, 92, 1421-1435.	1.4	8
112	Analysis and performance evaluation of dynamic channel reservation techniques for LEO mobile satellite systems. , 0, , .		7
113	A Generalised approach for evaluation of outage performance in micro- and pico-cellular networks. IET Communications, 2002, 149, 123-128.	1.0	7
114	Modified Log-MAP Algorithm for Simplified Decoding of Turbo and Turbo TCM Codes. , 2009, , .		7
115	The trivariate and quadrivariate weibull fading distributions with arbitrary correlation and their applications to diversity reception. IEEE Transactions on Communications, 2009, 57, 3230-3234.	4.9	7
116	Performance improvement techniques for the DVB-RCS2 return link air interface. International Journal of Satellite Communications and Networking, 2015, 33, 371-390.	1.2	7
117	Differential detection of correlative encoded continuous phase modulation schemes using decision feedback. IEE Proceedings, Part I: Communications, Speech and Vision, 1991, 138, 473.	0.2	7
118	Neural-net-based receiver structures for single- and multi-amplitude bandlimited signals in CCI and ACI channels. IEEE Transactions on Vehicular Technology, 1997, 46, 791-798.	3.9	6
119	Differential detection of turbo codes for Rayleigh fast-fading channels. IEEE Communications Letters, 1998, 2, 42-44.	2.5	6
120	Reverse link inter-cell interference analysis for cellular CDMA systems with controlled power disparities. , 0, , .		6
121	On the Capacity of Generalized Fading/Shadowing Channels. , 2008, , .		6
122	Optimal Channel Partitioning and Channel Utilization for Multiclass Traffic in a LEO-MSS. IEEE Transactions on Aerospace and Electronic Systems, 2010, 46, 2102-2107.	2.6	6
123	Outage performance of cognitive DF relaying networks employing SWIPT. China Communications, 2018, 15, 28-40.	2.0	6
124	Performance evaluation of a 512-QAM system in distorted channels. IEE Proceedings, Part F: Communications, Radar and Signal Processing, 1986, 133, 199.	0.1	5
125	Prediction/cancellation techniques for fading broadcasting channels. I. PSK signals. IEEE Transactions on Broadcasting, 1990, 36, 146-155.	2.5	5
126	Effects of ACI and nonlinearities on the performance of differentially detected GMSK signals. IET Communications, 2004, 151, 163.	1.0	5

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127	Analysis of Maximum Traffic Intensity and Optimal Channel Reservation Under QoS Constraints in LEO-MSS. IEEE Communications Letters, 2008, 12, 633-635.	2.5	5
128	Rate-compatible irregular repeat-accumulate codes for DVB-SH applications. , 2008, , .		5
129	Reduced-complexity algorithms for near-optimal decoding of turbo TCM codes. Electronics Letters, 2009, 45, 278.	0.5	5
130	Rate-compatible IRA codes using quadratic congruential extension sequences and puncturing. IEEE Communications Letters, 2010, 14, 441-443.	2.5	5
131	Novel Generalized max* Approximation Method for Simplified Decoding of Turbo and TCM Codes. Wireless Personal Communications, 2013, 69, 373-386.	1.8	5
132	BICMC and TD Comparative Performance Study of 16-APSK Signal Variants for DVB-S2 Systems. IEEE Communications Letters, 2015, 19, 723-726.	2.5	5
133	Outage performance analysis of underlay cognitive DF relaying network with SWIPT in Nakagami-m fading environment. , 2017, , .		5
134	Effective Capacity Analysis of Equal Gain Diversity Combiners over Generalized Fading Channels. , 2018, , .		5
135	Effective Capacity of L_p -Norm Diversity Receivers Over Generalized Fading Channels Under Adaptive Transmission Schemes. IEEE Transactions on Communications, 2020, 68, 1240-1253.	4.9	5
136	Supervised High-Level Feature Learning With Label Consistencies for Object Recognition. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 4501-4516.	2.7	5
137	An efficient approach to the exponentially correlated Rayleigh distribution. , 0, , .		4
138	Improved performance SOVA turbo decoder. IET Communications, 2006, 153, 586.	1.0	4
139	Information Outage Probability of Orthogonal Space-Time Block Codes over Hoyt Distributed Fading Channels. , 2006, , .		4
140	Triple-branch MRC Diversity in Weibull Fading Channels. , 2007, , .		4
141	On SNR Estimation Techniques for Turbo Decoding Over Uncorrelated Rayleigh Fading Channels With Unknown Fading Parameters. IEEE Transactions on Vehicular Technology, 2009, 58, 4955-4961.	3.9	4
142	Outage analysis of cognitive two-way relaying networks with SWIPT over Nakagami-m fading channels. Science China Information Sciences, 2018, 61, 1.	2.7	4
143	On the sum of ordered random variables and its applications to physical-layer security of communication over α/η fading channels with generalized selection combining. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3264.	2.6	4
144	An Efficient Bit Allocation Scheme for Weighted Random Graph Signal Sampling and Quantization. , 2020, , .		4

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145	Performance evaluation of M-ary QPRS schemes in severe impulsive noise environments. IEEE Transactions on Communications, 1991, 39, 405-408.	4.9	3
146	Rate-adaptive transmission of H.263 video for multicode DS/CDMA cellular systems in multipath fading. , 0, , .		3
147	Dual selection diversity over correlated Weibull fading channels. , 2004, , .		3
148	The Trivariate Weibull Distribution with Arbitrary Correlation. , 2006, , .		3
149	Intercept outage probability analysis of cognitive relay networks in presence of eavesdropping attack. , 2015, , .		3
150	Optimal sensing and power allocation in pilot-aided shared access systems: A BER minimization approach. , 2016, , .		3
151	Decoding Homomorphically Encrypted Flac Audio without Decryption. , 2019, , .		3
152	Performance Analysis of TDD Multicell Massive MIMO Systems With Non-Orthogonal Pilots and Hardware Imperfections in Rician Fading Channels. IEEE Transactions on Vehicular Technology, 2021, 70, 1347-1364.	3.9	3
153	Jointly Adaptive Distributed Beamforming and Resource Allocation for Buffer-Aided Multiple-Relay NOMA Networks. IEEE Transactions on Communications, 2021, 69, 7603-7617.	4.9	3
154	Capacity Analysis of Power Beacon-assisted Energy Harvesting MIMO System Over Shadowed Fading Channels. IEEE Transactions on Vehicular Technology, 2021, , 1-1.	3.9	3
155	Study of 1024-QAM system performance in the presence of filtering imperfections. IEE Proceedings, Part I: Communications, Speech and Vision, 1989, 136, 175-179.	0.2	3
156	Pilot aided techniques for system caused phase jitter cancellation. IEEE Transactions on Broadcasting, 1988, 34, 356-366.	2.5	2
157	Prediction/cancellation techniques for fading broadcasting channels. II. CPM signals. IEEE Transactions on Broadcasting, 1990, 36, 156-161.	2.5	2
158	Nonredundant error correction DQPSK for the aeronautical-satellite channel. IEEE Transactions on Aerospace and Electronic Systems, 1995, 31, 168-181.	2.6	2
159	On the combining of multipath signals in narrowband Rayleigh fading channels. IEEE Transactions on Broadcasting, 1999, 45, 192-195.	2.5	2
160	A new software radio based distributed base station architecture and its application to 3G UMTS employing signal combining techniques. , 0, , .		2
161	Novel SNR Estimation for Turbo Decoding over Rayleigh Fading Channels. , 2006, , .		2
162	Performance Analysis of Orthogonal Space Time Block Coding over Hoyt Fading Channels. , 2007, , .		2

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163	The Adaptive PSAM Design in Cross-Layer. <i>Wireless Personal Communications</i> , 2008, 47, 337-353.	1.8	2
164	E�CLEMA: A cross�layer design for improved quality of service in mobile WiMAX networks. <i>Wireless Communications and Mobile Computing</i> , 2009, 9, 1274-1286.	0.8	2
165	Simplified Log-MAP decoding with \max^* approximation based on the Jensen inequality. , 2010, , .		2
166	Design of Efficiently Encodable Rate-Compatible LDPC Codes Using Vandermonde Extension Matrices. <i>Wireless Personal Communications</i> , 2011, 60, 695-708.	1.8	2
167	Cooperative DVB-SH satellite broadcasting systems with rotated signal constellations. <i>China Communications</i> , 2015, 12, 59-72.	2.0	2
168	HDTV picture quality performance in the presence of random errors, analysis and measures for improvement. <i>Signal Processing: Image Communication</i> , 1996, 8, 79-98.	1.8	1
169	A novel traffic dependent dynamic channel allocation and reservation technique for LEO mobile satellite systems. , 0, , .		1
170	Adaptive M-QAM Systems with Diversity in Correlated Nakagami-m Fading and Shadowing. , 2010, , .		1
171	On the SINR statistics of a VFDM cognitive spectrum sharing system. <i>Physical Communication</i> , 2017, 24, 195-200.	1.2	1
172	An Energy Efficient Target Specific Code Dissemination Scheme with Forwarder Selection Algorithm in WSNs. , 2018, , .		1
173	RPL-Based Tree Construction Scheme for Target-Specific Code Dissemination in Wireless Sensors Networks. <i>IEICE Transactions on Communications</i> , 2020, E103.B, 190-199.	0.4	1
174	A hardware implementation of a satellite mobile channel simulator. , 0, , .		0
175	Comment on "Maximum likelihood decoding of uncoded and coded PSK signal sequences transmitted over Rayleigh flat-fading channels". <i>IEEE Transactions on Communications</i> , 1997, 45, 269.	4.9	0
176	A new scheme for improving MAC throughput in cellular digital packet data. , 0, , .		0
177	Capacity performance analysis of M-ary PPM TH-UWB systems in the presence of narrowband interference. <i>Journal of Communications and Networks</i> , 2008, 10, 297-300.	1.8	0
178	On the Weibull distribution with arbitrary correlation. , 2008, , .		0
179	BER and ergodic capacity of dual-hop relay channel in Nakagami-m fading. , 2009, , .		0
180	Comments on "�Bitwise Log-Likelihood Ratios for Quadrature Amplitude Modulations". <i>IEEE Communications Letters</i> , 2015, 19, 2049-2050.	2.5	0

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181	Multibranch scan-and-wait combining receivers over correlated Nakagami-m fading channels. , 2016, , .		0
182	Joint shape and color descriptors for 3D urban model retrieval. International Journal of Digital Earth, 2016, 9, 1117-1134.	1.6	0
183	Physical Malicious Attacks Detection in AF Relaying Systems with Unreliable CSI. , 2017, , .		0
184	Diversity Reception Over Correlated Ricean Fading Satellite Channels. Signals and Communication Technology, 2008, , 633-642.	0.4	0
185	Multi-service Routing with Guaranteed Load Balancing for LEO Satellite Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 283-298.	0.2	0