Emanuele Viterbo

List of Publications by Year
in descending order

218 papers	7,168 citations	159585 30 h-index
239 all docs	239 docs citations	239 times ranked

69250 77 g-index
2472 citing authors

#	Article	IF	Citations
1	Low-Complexity Linear Diversity-Combining Detector for MIMO-OTFS. IEEE Wireless Communications Letters, 2022, 11, 288-292.	5.0	16
2	Zak transform analysis for delay-Doppler communications. , 2022, , 93-122.		0
3	MIMO and multiuser OTFS. , 2022, , 177-200.		0
4	Delay-Doppler modulation. , 2022, , 47-91.		5
5	Hybrid Non-Binary Repeated Polar Codes. IEEE Transactions on Wireless Communications, 2022, 21, 7582-7594.	9.2	2
6	Channel estimation methods. , 2022, , 153-175.		0
7	Detection methods. , 2022, , 123-152.		0
8	High-mobility wireless channels. , 2022, , 13-28.		0
9	Significance-Test Based Blind Detection for 5G. IEEE Transactions on Vehicular Technology, 2022, 71, 7957-7962.	6.3	4
10	Unitary-Precoded Single-Carrier Waveforms for High Mobility: Detection and Channel Estimation. , 2022, , .		5
11	Orthogonal Time Sequency Multiplexing Modulation: Analysis and Low-Complexity Receiver Design. IEEE Transactions on Wireless Communications, 2021, 20, 7842-7855.	9.2	32
12	Towards a Distributed Caching Service at the WiFi Edge Using Wi-Cache. IEEE Transactions on Network and Service Management, 2021, 18, 4489-4502.	4.9	3
13	Shifted Pruning for Path Recovery in List Decoding of Polar Codes. , 2021, , .		5
14	Logarithmic Non-uniform Quantization for List Decoding of Polar Codes. , 2021, , .		1
15	Polarization-Adjusted Convolutional (PAC) Codes: Sequential Decoding vs List Decoding. IEEE Transactions on Vehicular Technology, 2021, 70, 1434-1447.	6.3	48
16	Orthogonal Time Sequency Multiplexing Modulation. , 2021, , .		9
17	List Viterbi Decoding of PAC Codes. IEEE Transactions on Vehicular Technology, 2021, 70, 2428-2435.	6.3	14
18	Efficient Blind Detection Scheme Based on Simplified Decoding of Polar Codes. IEEE Wireless Communications Letters, 2021, 10, 864-868.	5.0	7

#	Article	IF	Citations
19	Low Complexity Precoding and Detection in Multi-User Massive MIMO OTFS Downlink. IEEE Transactions on Vehicular Technology, 2021, 70, 4389-4405.	6.3	42
20	On Index Coded Video Delivery at the WiFi Edge: Performance and System Design. IEEE Transactions on Network and Service Management, 2021, , 1-1.	4.9	0
21	On Convolutional Precoding in PAC Codes. , 2021, , .		15
22	Analysis of Polarization-adjusted Convolutional Codes (PAC): A Source-Channel Coding Method. , 2021, , .		0
23	Effective Diversity of OTFS Modulation. IEEE Wireless Communications Letters, 2020, 9, 249-253.	5.0	76
24	Steepest Gradient-Based Orthogonal Precoder for Integer-Forcing MIMO. IEEE Transactions on Wireless Communications, 2020, 19, 942-955.	9.2	2
25	Index Coding at the WiFi Edge: An Implementation Study for Video Delivery. , 2020, , .		2
26	Channel Modeling for Wireless Communications Using Ambit Processes. IEEE Transactions on Wireless Communications, 2020, 19, 8396-8409.	9.2	2
27	Geometry based Stochastic Channel Modeling using Ambit Processes. , 2020, , .		1
28	Low Complexity Iterative Rake Detector for Orthogonal Time Frequency Space Modulation. , 2020, , .		29
29	On Distance Statistics of First Arriving Multi-Paths in Indoor mm-Wave Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 16218-16223.	6.3	1
30	OTFS Based Random Access Preamble Transmission for High Mobility Scenarios. IEEE Transactions on Vehicular Technology, 2020, 69, 15078-15094.	6.3	18
31	Large Kernel Polar Codes With Efficient Window Decoding. IEEE Transactions on Vehicular Technology, 2020, 69, 14031-14036.	6.3	11
32	LDPC-Staircase Codes for Soft Decision Decoding. , 2020, , .		3
33	A Novel Graph Expansion and a Decoding Algorithm for NB-LDPC Codes. IEEE Transactions on Communications, 2020, 68, 1358-1369.	7.8	8
34	Low Complexity Iterative Rake Decision Feedback Equalizer for Zero-Padded OTFS Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 15606-15622.	6.3	115
35	Layered Space-Time Index Coding. IEEE Transactions on Information Theory, 2019, 65, 142-158.	2.4	1
36	Efficient Decoding of Low Density Lattice Codes. IEEE Wireless Communications Letters, 2019, 8, 1195-1199.	5.0	3

#	Article	IF	Citations
37	Orthogonal Time Frequency Space (OTFS) Modulation Based Radar System. , 2019, , .		64
38	How to Modify Polar Codes for List Decoding. , 2019, , .		14
39	Orthogonal Precoder for Integer-Forcing MIMO. , 2019, , .		1
40	OTFS Modem SDR Implementation and Experimental Study of Receiver Impairment Effects. , 2019, , .		18
41	Repetition–assisted decoding of polar codes. Electronics Letters, 2019, 55, 270-272.	1.0	7
42	Line Codes Generated by Finite Coxeter Groups. IEEE Transactions on Information Theory, 2019, 65, 1936-1947.	2.4	1
43	Iterative Decoding of Reed-Solomon Codes based on Non-binary Matrices. , 2019, , .		2
44	Coset Probability Based Majority-logic Decoding for Non-binary LDPC Codes. , 2019, , .		0
45	On the I/O Costs in Repairing Short-Length Reed-Solomon Codes. , 2019, , .		5
46	Improved List Decoding of Polar Codes by Shifted-pruning. , 2019, , .		15
47	Ray-Tracing Simulation of Cross-Road Scenarios Based on a Stochastic Model for Vehicular Traffic. , 2019, , .		1
48	Practical Pulse-Shaping Waveforms for Reduced-Cyclic-Prefix OTFS. IEEE Transactions on Vehicular Technology, 2019, 68, 957-961.	6.3	262
49	OTFS Performance on Static Multipath Channels. IEEE Wireless Communications Letters, 2019, 8, 745-748.	5.0	97
50	Millimeter Wave Analog Beamforming With Low Resolution Phase Shifters for Multiuser Uplink. IEEE Transactions on Vehicular Technology, 2018, 67, 3205-3215.	6.3	21
51	Optimal Power Allocation Strategies in Two-Hop X-Duplex Relay Channel. IEEE Transactions on Communications, 2018, 66, 2888-2903.	7.8	5
52	Embedded Delay-Doppler Channel Estimation for Orthogonal Time Frequency Space Modulation. , 2018, , .		35
53	Repair Schemes with Optimal I/O Costs for Full-Length Reed-Solomon Codes with Two Parities. , 2018, , .		6
54	Stepped List Decoding for Polar Codes. , 2018, , .		15

#	Article	IF	Citations
55	Error Control of Line Codes Generated by Finite Coxeter Groups. , 2018, , .		1
56	Adaptive Resource Allocation for Secure Two-Hop Relaying Communication. IEEE Transactions on Wireless Communications, 2018, 17, 8457-8472.	9.2	4
57	Layered Space- Time Index Coding. , 2018, , .		1
58	Lattice Codes Achieve the Capacity of Common Message Gaussian Broadcast Channels With Coded Side Information. IEEE Transactions on Information Theory, 2018, 64, 1481-1496.	2.4	1
59	Interference Cancellation and Iterative Detection for Orthogonal Time Frequency Space Modulation. IEEE Transactions on Wireless Communications, 2018, 17, 6501-6515.	9.2	486
60	Low-complexity iterative detection for orthogonal time frequency space modulation. , 2018, , .		77
61	Adaptive resource allocation for secure two-hop communication. , 2018, , .		3
62	Integer-Forcing Linear Receivers: A Design Criterion for Full-Diversity STBCs. , 2017, , .		1
63	Polar Codes for Block Fading Channels. , 2017, , .		13
64	Analog Beamforming With Low Resolution Phase Shifters. IEEE Wireless Communications Letters, 2017, 6, 502-505.	5.0	13
65	Capacity optimality of lattice codes in common message Gaussian broadcast channels with coded side information. , 2017, , .		1
66	Trellis coded modulation for informed receivers. , 2017, , .		4
67	Adaptive polar coding with high order modulation for block fading channels. , 2017, , .		4
68	Line-of-Sight $2 \imes n\_r$ MIMO With Random Antenna Orientations. IEEE Transactions on Vehicular Technology, 2017, 66, 5134-5147.	6.3	1
69	Optimal transmission strategy in full-duplex relay networks. , 2017, , .		1
70	Line coding for differential vector signaling. , 2017, , .		2
71	Geometrically uniform differential vector signaling schemes. , 2017, , .		3
72	Lattices Applied to Coding for Reliable and Secure Communications. SpringerBriefs in Mathematics, 2017, , .	0.3	13

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73	XY precoder for MIMO systems. , 2017, , .		0
74	An efficient successive cancellation polar decoder based on new folding approaches. , 2017, , .		3
75	MIMO Self-Coherent OFDM. , 2017, , .		0
76	Ideal Lattices. SpringerBriefs in Mathematics, 2017, , 59-71.	0.3	0
77	Lattices and Index Coding. SpringerBriefs in Mathematics, 2017, , 93-111.	0.3	0
78	Implementation of a twoâ€way relay network with computeâ€andâ€forward in GNU Radio. Transactions on Emerging Telecommunications Technologies, 2016, 27, 484-493.	3.9	4
79	The Two-Modular Fourier Transform of Binary Functions. IEEE Transactions on Information Theory, 2016, 62, 2813-2826.	2.4	0
80	Spatial Modulation in Full-Duplex Relaying. IEEE Communications Letters, 2016, 20, 2111-2114.	4.1	25
81	New error correcting codes for informed receivers. , 2016, , .		3
82	Joint optimization scheme and sum constellation distribution for multi-user Gaussian multiple access channels with finite input constellations. , 2016, , .		7
83	MIMO Self-Heterodyne OFDM. IEEE Transactions on Vehicular Technology, 2016, 65, 1271-1280.	6.3	7
84	Oblivious Transfer Over Wireless Channels. IEEE Transactions on Communications, 2016, 64, 893-905.	7.8	2
85	Efficient Algorithms for Systematic Polar Encoding. IEEE Communications Letters, 2016, 20, 17-20.	4.1	47
86	Cross-packing lattices for the Rician fading channel. , 2015, , .		3
87	Capacity of coded index modulation. , 2015, , .		6
88	Guaranteeing Positive Secrecy Capacity for MIMOME Wiretap Channels With Finite-Rate Feedback Using Artificial Noise. IEEE Transactions on Wireless Communications, 2015, 14, 4193-4203.	9.2	10
89	Artificial Noise Revisited. IEEE Transactions on Information Theory, 2015, 61, 3901-3911.	2.4	39
90	Harmonic analysis of binary functions. , 2015, , .		0

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91	Lattice Index Coding. IEEE Transactions on Information Theory, 2015, 61, 6505-6525.	2.4	23
92	Quantization of binary input DMC at optimal mutual information using constrained shortest path problem. , 2015, , .		5
93	Wiretap channel with finite-rate feedback. , 2015, , .		0
94	On the capacity of the Gaussian mixture channel under average and peak power constraints. , 2015, , .		1
95	Oblivious transfer over OFDM and MIMO channels. , 2015, , .		0
96	Full Diversity Unitary Precoded Integer-Forcing. IEEE Transactions on Wireless Communications, 2015, 14, 4316-4327.	9.2	18
97	Self-coherent OFDM for wireless communications. , 2015, , .		3
98	Lattice index coding for the broadcast channel. , 2015, , .		2
99	Index Codes for the Gaussian Broadcast Channel Using Quadrature Amplitude Modulation. IEEE Communications Letters, 2015, 19, 1291-1294.	4.1	19
100	Unshared Secret Key Cryptography: Finite constellation inputs and ideal secrecy outage. , 2015, , .		0
101	Probability estimates for fading and wiretap channels from ideal class zeta functions. Advances in Mathematics of Communications, 2015, 9, 391-413.	0.7	7
102	Unshared secret key cryptography: Achieving Shannon's ideal secrecy and perfect secrecy. , 2014, , .		4
103	Unshared Secret Key Cryptography. IEEE Transactions on Wireless Communications, 2014, 13, 6670-6683.	9.2	18
104	Artificial noise revisited: When Eve has more antennas than Alice. , 2014, , .		9
105	On measures of information theoretic security. , 2014, , .		1
106	A new multiple folded successive cancellation decoder for polar codes. , 2014, , .		3
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108	All-optical generation of DFT-S-OFDM superchannels using periodic sinc pulses. Optics Express, 2014, 22, 27026.	3.4	6

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109	Software defined radio implementation of a two-way relay network with digital network coding. , 2014, , .		6
110	Phase precoded compute-and-forward with partial feedback. , 2014, , .		14
111	On parameter estimation of the envelope Gaussian mixture model. , 2014, , .		5
112	Folded successive cancelation decoding of polar codes. , 2014, , .		2
113	Multiple Folding for Successive Cancelation Decoding of Polar Codes. IEEE Wireless Communications Letters, 2014, 3, 545-548.	5.0	5
114	A word from the general and technical program co-chair. , 2014, , .		0
115	Unitary precoding for integer-forcing MIMO linear receivers. , 2014, , .		1
116	Self-Heterodyne OFDM Transmission for Frequency Selective Channels. IEEE Transactions on Communications, 2013, 61, 1936-1946.	7.8	13
117	On the detection of chipless RFID through signal space representation. Annales Des Telecommunications/Annals of Telecommunications, 2013, 68, 437-445.	2.5	6
118	Integer-Forcing MIMO Linear Receivers Based on Lattice Reduction. IEEE Transactions on Wireless Communications, 2013, 12, 4905-4915.	9.2	52
119	Decoding Probability in Random Linear Network Coding with Packet Losses. IEEE Communications Letters, 2013, 17, 1-4.	4.1	21
120	Folded tree maximum-likelihood decoder for Kronecker product-based codes. , 2013, , .		9
121	Analysis of Self-Het OFDM enhancements for 60GHz indoor RF channels. , 2013, , .		3
122	Practical Secrecy using Artificial Noise. IEEE Communications Letters, 2013, 17, 1483-1486.	4.1	43
123	Integer Space-Time Block Codes for Practical MIMO Systems. IEEE Wireless Communications Letters, 2013, 2, 455-458.	5.0	8
124	Gaussian sampling based lattice decoding. , 2013, , .		1
125	Subcarrier pairing for self-heterodyne OFDM. , 2013, , .		8
126	Practical Encoders and Decoders for Euclidean Codes from Barnes-Wall Lattices. IEEE Transactions on Communications, 2013, 61, 4417-4427.	7.8	12

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127	Full-rate integer space-time block codes for 2×2 MIMO channels. , 2013, , .		5
128	Sensitivity improvement and carrier power reduction in direct-detection optical OFDM systems by subcarrier pairing. Optics Express, 2012, 20, 1635.	3.4	26
129	On the robustness of algebraic STBCs to coefficient quantization. , 2012, , .		5
130	Construction of Barnes-Wall lattices from linear codes over rings. , 2012, , .		7
131	On the ergodic rate for compute-and-forward. , 2012, , .		16
132	Modulation Diversity in Fading Channels with a Quantized Receiver. IEEE Transactions on Wireless Communications, 2012, 11, 316-327.	9.2	3
133	On the Error Performance of the A_{n} Lattices. IEEE Transactions on Information Theory, 2012, 58, 5941-5949.	2.4	3
134	On the Detection of Frequency-Spectra-Based Chipless RFID Using UWB Impulsed Interrogation. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 4187-4197.	4.6	72
135	Flip-OFDM for Unipolar Communication Systems. IEEE Transactions on Communications, 2012, 60, 3726-3733.	7.8	192
136	Signal Space Representation of Chipless RFID Tag Frequency Signatures. , 2011, , .		25
137	Flip-OFDM for optical wireless communications. , 2011, , .		89
138	Algebraic Coding for Fast Fading Channels. , 2011, , 117-153.		0
139	MIMO Precoding With X- and Y-Codes. IEEE Transactions on Information Theory, 2011, 57, 3542-3566.	2.4	58
140	Precoding by Pairing Subchannels to Increase MIMO Capacity With Discrete Input Alphabets. IEEE Transactions on Information Theory, 2011, 57, 4156-4169.	2.4	40
141	Modulation diversity in fading channels with quantized receiver. , 2011, , .		2
142	Improving the Sensitivity of Direct-Detection Optical OFDM Systems by Pairing of the Optical Subcarriers. , 2011, , .		7
143	Precoding with X-codes to increase capacity with discrete input alphabets. , 2010, , .		2
144	X-Codes: A Low Complexity Full-Rate High-Diversity Achieving Precoder for TDD MIMO Systems. , 2010, , .		2

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145	X- and Y-Codes for MIMO precoding. , 2010, , .		4
146	The impact of quasi-equally spaced sensor topologies on signal reconstruction. ACM Transactions on Sensor Networks, 2010, 6, 1-31.	3.6	2
147	Asymptotic Analysis of Multidimensional Jittered Sampling. IEEE Transactions on Signal Processing, 2010, 58, 258-268.	5.3	2
148	On the decay of the determinants of multiuser MIMO lattice codes. , 2010, , .		3
149	On Fast-Decodable Space–Time Block Codes. IEEE Transactions on Information Theory, 2009, 55, 524-530.	2.4	162
150	Golden Space–Time Block-Coded Modulation. IEEE Transactions on Information Theory, 2009, 55, 584-597.	2.4	17
151	New Space–Time Code Constructions for Two-User Multiple Access Channels. IEEE Journal on Selected Topics in Signal Processing, 2009, 3, 939-957.	10.8	20
152	Introduction to the Issue on Managing Complexity in Multiuser MIMO Systems. IEEE Journal on Selected Topics in Signal Processing, 2009, 3, 906-909.	10.8	1
153	Algebraic Multiuser Space–Time Block Codes for a 2 $\times$ 2 MIMO. IEEE Transactions on Vehicular Technology, 2009, 58, 3062-3066.	6.3	8
154	Signal Reconstruction Errors in Jittered Sampling. IEEE Transactions on Signal Processing, 2009, 57, 4711-4718.	5.3	9
155	Decoding the Golden Code: A VLSI Design. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2009, 17, 156-160.	3.1	12
156	Hardware implementation of a low-complexity detector for large MIMO. , 2009, , .		15
157	On the performance of golden space-time trellis coded modulation over MIMO block fading channels. IEEE Transactions on Wireless Communications, 2009, 8, 2737-2741.	9.2	6
158	RQ precoding for the cooperative broadcast channel. , 2009, , .		1
159	Reconstruction of Multidimensional Signals From Irregular Noisy Samples. IEEE Transactions on Signal Processing, 2008, 56, 4274-4285.	5.3	16
160	Carrier independent localization techniques for GSM terminals. , 2008, , .		4
161	Sphere Lower Bound for Rotated Lattice Constellations in Fading Channels. IEEE Transactions on Wireless Communications, 2008, 7, 825-830.	9.2	13
162	Optimal Placement of Wireless Nodes for Maximizing Path Lifetime. IEEE Communications Letters, 2008, 12, 362-364.	4.1	36

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163	Decoding the golden space-time trellis coded modulation. IEEE Communications Letters, 2008, 12, 569-571.	4.1	5
164	Optimal User Pairing for Multiuser MIMO. , 2008, , .		17
165	Algebraic Multiuser Space-Frequency Block Codes. , 2008, , .		1
166	Signal Reconstruction in Multidimensional Sensor Fields. , 2008, , .		3
167	On Fast-Decodable Space-Time Block Codes. , 2008, , .		12
168	Golden space-time block coded modulation. , 2008, , .		4
169	Optimal user pairing in downlink MU-MIMO with transmit precoding. , 2008, , .		9
170	On the algebraic structure of the Silver code: A 2 &#x00D7; 2 perfect space-time block code. , 2008, , .		33
171	Algebraic multiuser space-time block codes for 2 &#x00D7; 2 MIMO. , 2008, , .		3
172	Fast and Accurate PQoS Estimation over 802.11g Wireless Network. , 2008, , .		1
173	Performance of Linear Field Reconstruction Techniques With Noise and Uncertain Sensor Locations. IEEE Transactions on Signal Processing, 2008, 56, 3535-3547.	5.3	38
174	Convolutional Tanner structures for non-ergodic wireless channels. , 2008, , .		0
175	Algebraic-phase scrambling sequences for code-spread code-division multiple-access. , 2008, , .		0
176	On quasi-equally spaced sampling in wireless sensor networks. , 2008, , .		0
177	Fast and Accurate Video PQoS Estimation over Wireless Networks. Eurasip Journal on Advances in Signal Processing, 2008, 2008, .	1.7	4
178	Enabling VLSI Processing Blocks for MIMO-OFDM Communications. VLSI Design, 2008, 2008, 1-10.	0.5	5
179	Optimal user pairing in downlink MU-MIMO with transmit precoding. , 2008, , .		0
180	Robust Codes for 2Ã—2 MIMO Block Fading Channels. , 2007, , .		0

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181	The impact of quasi-equally spaced sensor layouts on field reconstruction. , 2007, , .		8
182	Quality of Field Reconstruction in Sensor Networks. , 2007, , .		7
183	Applications of the Golden Code. , 2007, , .		7
184	Golden Space–Time Trellis Coded Modulation. IEEE Transactions on Information Theory, 2007, 53, 1689-1705.	2.4	35
185	Cyclic Division Algebras: A Tool for Space-Time Coding. Foundations and Trends in Communications and Information Theory, 2007, 4, 1-95.	3.1	46
186	A VLSI Decoder for the Golden code. , 2006, , .		8
187	High Rate Golden Space-Time Trellis Coded Modulation. , 2006, , .		1
188	A Space-Time Block Coded Multiuser MIMO Downlink Transmission Scheme. , 2006, , .		7
189	Performance of Rotated Lattice Constellations in Fading Channels. , 2006, , .		1
190	Algebraic lattice constellations: bounds on performance. IEEE Transactions on Information Theory, 2006, 52, 319-327.	2.4	30
191	Perfect Space–Time Block Codes. IEEE Transactions on Information Theory, 2006, 52, 3885-3902.	2.4	369
192	On Data Acquisition And Field Reconstruction In Wireless Sensor Networks. , 2006, , 161-171.		4
193	The Golden Code: A<tex>$2,times,2$</tex>Full-Rate Space–Time Code With Nonvanishing Determinants. IEEE Transactions on Information Theory, 2005, 51, 1432-1436.	2.4	648
194	Approximating the error probability for the independent rayleigh fading channel. , 2005, , .		9
195	New Algebraic Constructions of Rotated<tex>$ mmb Z^n$</tex>-Lattice Constellations for the Rayleigh Fading Channel. IEEE Transactions on Information Theory, 2004, 50, 702-714.	2.4	124
196	Transmitter Optimization and Theoretical Bounds for Dispersion-Limited Optical Fiber Links. IEEE Transactions on Communications, 2004, 52, 1558-1565.	7.8	0
197	Algebraic Number Theory and Code Design for Rayleigh Fading Channels. Foundations and Trends in Communications and Information Theory, 2004, 1, 333-416.	3.1	83
198	Pulse shape optimization in dispersion-limited direct detection optical fiber links. IEEE Communications Letters, 2003, 7, 552-554.	4.1	7

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199	How fading affects CDMA: an asymptotic analysis with linear receivers. IEEE Journal on Selected Areas in Communications, 2001, 19, 191-201.	14.0	21
200	Performance of wideband CDMA systems supporting multimedia traffic. IEEE Communications Letters, 2001, 5, 251-253.	4.1	4
201	Modulation and coding for the Gaussian collision channel. IEEE Transactions on Information Theory, 2000, 46, 2007-2026.	2.4	11
202	A universal lattice code decoder for fading channels. IEEE Transactions on Information Theory, 1999, 45, 1639-1642.	2.4	1,258
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204	On Z/sub 4/- and Z/sub 9/-linear lifts of the Golay codes. IEEE Transactions on Information Theory, 1999, 45, 2524-2527.	2.4	2
205	Signal space diversity: a power- and bandwidth-efficient diversity technique for the Rayleigh fading channel. IEEE Transactions on Information Theory, 1998, 44, 1453-1467.	2.4	790
206	Performance of high-diversity multidimensional constellations. IEEE Transactions on Information Theory, 1998, 44, 1539-1543.	2.4	13
207	THE CIPHERED AUTOBIOGRAPHY OF A 19th CENTURY EGYPTOLOGIST. Cryptologia, 1998, 22, 231-243.	0.5	3
208	Upper bound on the frame error probability of terminated trellis codes. IEEE Communications Letters, 1998, 2, 2-4.	4.1	34
209	Computing the Voronoi cell of a lattice: the diamond-cutting algorithm. IEEE Transactions on Information Theory, 1996, 42, 161-171.	2.4	38
210	Good lattice constellations for both Rayleigh fading and Gaussian channels. IEEE Transactions on Information Theory, 1996, 42, 502-518.	2.4	246
211	Performance of component interleaved signal sets for fading channels. Electronics Letters, 1996, 32, 1170.	1.0	54
212	Compensation of nonlinearities in high-density magnetic recording channels. IEEE Transactions on Magnetics, 1994, 30, 5079-5086.	2.1	26
213	Algebraic decoding of the ternary (11,6,5) Golay code. Electronics Letters, 1992, 28, 2021.	1.0	6
214	Diffraction of a Plane Wave by a Strip Grating. Electromagnetics, 1990, 10, 245-269.	0.7	5
215	Turbo code at 0.03 dB from capacity limit. , 0, , .		43
216	New algebraic constructions of rotated cubic lattice constellations for the Rayleigh fading channel. , 0, , .		8

#	Article	IF	Citations
217	Permutation modulation for fading channels. , 0, , .		7
218	A Novel Approach in the Detection of Chipless RFID. , 0, , 218-233.		3