

Gregory W Wornell

List of Publications by Year in descending order

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papers

2,132
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566801

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43
docs citations

43
times ranked

1614
citing authors

#	ARTICLE	IF	CITATIONS
1	Secure Transmission With Multiple Antennasâ€”Part II: The MIMOME Wiretap Channel. IEEE Transactions on Information Theory, 2010, 56, 5515-5532.	1.5	898
2	Fundamental Limits of Communication With Low Probability of Detection. IEEE Transactions on Information Theory, 2016, 62, 3493-3503.	1.5	275
3	Title is missing!. Journal of Signal Processing Systems, 2001, 27, 7-33.	1.0	137
4	Adaptive Alternating Minimization Algorithms. IEEE Transactions on Information Theory, 2009, 55, 1423-1429.	1.5	94
5	Turning Corners into Cameras: Principles and Methods. , 2017, , .		82
6	Rateless Coding for Gaussian Channels. IEEE Transactions on Information Theory, 2012, 58, 530-547.	1.5	79
7	Revealing hidden scenes by photon-efficient occlusion-based opportunistic active imaging. Optics Express, 2018, 26, 9945.	1.7	56
8	Entanglement-based quantum communication secured by nonlocal dispersion cancellation. Physical Review A, 2014, 90, .	1.0	53
9	Exploiting Occlusion in Non-Line-of-Sight Active Imaging. IEEE Transactions on Computational Imaging, 2018, 4, 419-431.	2.6	50
10	Secret-Key Generation Using Correlated Sources and Channels. IEEE Transactions on Information Theory, 2012, 58, 652-670.	1.5	49
11	Communication Under Strong Asynchronism. IEEE Transactions on Information Theory, 2009, 55, 4508-4528.	1.5	46
12	Covert Communication With Channel-State Information at the Transmitter. IEEE Transactions on Information Forensics and Security, 2018, 13, 2310-2319.	4.5	39
13	Dense Delta-Sigma Phased Arrays. IEEE Transactions on Antennas and Propagation, 2013, 61, 1825-1837.	3.1	32
14	A Modulo-Based Architecture for Analog-to-Digital Conversion. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 825-840.	7.3	31
15	Joint intersymbol and multipleâ€”access interference suppression algorithms for CDMA systems. European Transactions on Telecommunications, 1998, 9, 403-418.	1.2	24
16	Limits of low-probability-of-detection communication over a discrete memoryless channel. , 2015, , .		21
17	Asynchronous Communication: Capacity Bounds and Suboptimality of Training. IEEE Transactions on Information Theory, 2013, 59, 1227-1255.	1.5	17
18	A Multi-Burst Transmission Strategy for Streaming Over Blockage Channels with Long Feedback Delay. IEEE Journal on Selected Areas in Communications, 2011, 29, 2033-2043.	9.7	13

#	ARTICLE	IF	CITATIONS
19	Bregman Divergence Bounds and Universality Properties of the Logarithmic Loss. IEEE Transactions on Information Theory, 2020, 66, 1658-1673.	1.5	13
20	Source Coding With Distortion Side Information. IEEE Transactions on Information Theory, 2008, 54, 4638-4665.	1.5	12
21	Compression in the Space of Permutations. IEEE Transactions on Information Theory, 2015, 61, 6417-6431.	1.5	12
22	Toward Photon-Efficient Key Distribution Over Optical Channels. IEEE Transactions on Information Theory, 2014, 60, 4958-4972.	1.5	11
23	An Information Theoretic Interpretation to Deep Neural Networks. Entropy, 2022, 24, 135.	1.1	10
24	A Semi-Blind Method for Localization of Underwater Acoustic Sources. IEEE Transactions on Signal Processing, 2022, 70, 3090-3106.	3.2	10
25	Sensor Array Design Through Submodular Optimization. IEEE Transactions on Information Theory, 2019, 65, 664-675.	1.5	8
26	Causal Transmission of Colored Source Frames over a Packet Erasure Channel. , 2010, , .		7
27	Title is missing!. Journal of Signal Processing Systems, 2002, 30, 197-215.	1.0	6
28	On delay in real-time streaming communication systems. , 2010, , .		6
29	Multi-Coset Sparse Imaging Arrays. IEEE Transactions on Antennas and Propagation, 2014, 62, 1701-1715.	3.1	6
30	Finite multi-coset sampling and sparse arrays. , 2011, , .		5
31	Delay-throughput tradeoff for streaming over blockage channels with delayed feedback. , 2010, , .		4
32	Reduced bandwidth frequency domain equalization for underwater acoustic communications. , 2010, , .		4
33	Achieving High Bandwidth Efficiency under Partial-Band Noise Jamming. , 2013, , .		4
34	Multiple wavelength sensing array design. , 2017, , .		4
35	A retransmission strategy for real-time streaming over satellite in blockage with long memory. , 2011, , .		3
36	Robust Direction of Arrival Estimation in the Presence of Array Faults using Snapshot Diversity. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
37	Blind Modulo Analog-to-Digital Conversion of Vector Processes. , 2022, , .		3
38	Defect Tolerance: Fundamental Limits and Examples. IEEE Transactions on Information Theory, 2018, 64, 5240-5260.	1.5	2
39	A class of compression systems with model-free encoding. , 2014, , .		1
40	Decode-and-Forward Relaying via Standard AWGN Coding and Decoding. IEEE Transactions on Information Theory, 2016, 62, 3547-3560.	1.5	1
41	A Maximal Correlation Framework for Fair Machine Learning. Entropy, 2022, 24, 461.	1.1	1
42	Correction to "Toward Photon-Efficient Key Distribution over Optical Channels" [Aug 14 4958-4972]. IEEE Transactions on Information Theory, 2014, 60, 5805-5805.	1.5	0
43	On-Off Keying Communication Over Optical Channels With Crosstalk. IEEE Journal on Selected Areas in Communications, 2015, 33, 1855-1868.	9.7	0