

Patrick Schulte

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,879
citations

1478505

6
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

760
citing authors

#	ARTICLE	IF	CITATIONS
1	Bandwidth Efficient and Rate-Matched Low-Density Parity-Check Coded Modulation. IEEE Transactions on Communications, 2015, 63, 4651-4665.	7.8	581
2	Constant Composition Distribution Matching. IEEE Transactions on Information Theory, 2016, 62, 430-434.	2.4	508
3	Rate Adaptation and Reach Increase by Probabilistically Shaped 64-QAM: An Experimental Demonstration. Journal of Lightwave Technology, 2016, 34, 1599-1609.	4.6	492
4	Probabilistic Shaping and Forward Error Correction for Fiber-Optic Communication Systems. Journal of Lightwave Technology, 2019, 37, 230-244.	4.6	144
5	Field Trial of a 1 Tb/s Super-Channel Network Using Probabilistically Shaped Constellations. Journal of Lightwave Technology, 2017, 35, 1399-1406.	4.6	48
6	Divergence-Optimal Fixed-to-Fixed Length Distribution Matching With Shell Mapping. IEEE Wireless Communications Letters, 2019, 8, 620-623.	5.0	48
7	Approaching waterfilling capacity of parallel channels by higher order modulation and probabilistic amplitude shaping. , 2018, , .		23
8	Fast Probabilistic Shaping Implementation for Long-Haul Fiber-Optic Communication Systems. , 2017, , .		20
9	Divergence scaling of fixed-length, binary-output, one-to-one distribution matching. , 2017, , .		7
10	Shaped On-Off Keying Using Polar Codes. IEEE Communications Letters, 2019, 23, 1922-1926.	4.1	5
11	Design of robust, protograph based LDPC codes for rate-adaptation via probabilistic shaping. , 2016, , .		2
12	Invertible Low-Divergence Coding. IEEE Transactions on Information Theory, 2022, 68, 178-192.	2.4	1