

Yunus Can GÃ¼ltekin

List of Publications by Year in descending order

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Version: 2024-02-01

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124
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#	ARTICLE	IF	CITATIONS
1	List-Encoding CCDM: A Nonlinearity-Tolerant Shaper Aided by Energy Dispersion Index. Journal of Lightwave Technology, 2022, 40, 1064-1071.	4.6	12
2	Kurtosis-Limited Sphere Shaping for Nonlinear Interference Noise Reduction in Optical Channels. Journal of Lightwave Technology, 2022, 40, 101-112.	4.6	19
3	Mitigating Nonlinear Interference by Limiting Energy Variations in Sphere Shaping. , 2022, , .		7
4	Low-Complexity Enumerative Coding Techniques With Applications to Amplitude Shaping. IEEE Communications Letters, 2021, 25, 33-37.	4.1	2
5	Comparison and Optimization of Enumerative Coding Techniques for Amplitude Shaping. IEEE Communications Letters, 2021, 25, 1231-1235.	4.1	6
6	Low-Complexity Geometrical Shaping for 4D Modulation Formats via Amplitude Coding. IEEE Photonics Technology Letters, 2021, 33, 1419-1422.	2.5	3
7	Exponentially-Weighted Energy Dispersion Index for the Nonlinear Interference Analysis of Finite-Blocklength Shaping. , 2021, , .		5
8	On Kurtosis-limited Enumerative Sphere Shaping for Reach Increase in Single-span Systems. , 2021, , .		4
9	Enumerative Sphere Shaping for Wireless Communications With Short Packets. IEEE Transactions on Wireless Communications, 2020, 19, 1098-1112.	9.2	51
10	Probabilistic Shaping for Finite Blocklengths: Distribution Matching and Sphere Shaping. Entropy, 2020, 22, 581.	2.2	33
11	Achievable Information Rates for Probabilistic Amplitude Shaping: An Alternative Approach via Random Sign-Coding Arguments. Entropy, 2020, 22, 762.	2.2	4
12	Comparison of Short Blocklength Sphere Shaping and Nonlinearity Compensation in WDM Systems. IEEE Photonics Technology Letters, 2020, 32, 1435-1438.	2.5	4
13	Introducing Enumerative Sphere Shaping for Optical Communication Systems With Short Blocklengths. Journal of Lightwave Technology, 2019, 37, 5926-5936.	4.6	73
14	First Experimental Demonstration of Probabilistic Enumerative Sphere Shaping in Optical Fiber Communications. , 2019, , .		16
15	Partial Enumerative Sphere Shaping. , 2019, , .		6
16	Approximate Enumerative Sphere Shaping. , 2018, , .		21
17	Constellation shaping for IEEE 802.11. , 2017, , .		20