

Yunus Can GÃ¼ltekin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6487477/publications.pdf>

Version: 2024-02-01

17
papers

286
citations

1478505

6
h-index

1372567

10
g-index

17
all docs

17
docs citations

17
times ranked

124
citing authors

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