

Xing Xu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

198
citations

1478505

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h-index

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times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	A probabilistically shaped star-CAP-16/32 modulation based on constellation design with honeycomb-like decision regions. <i>Optics Express</i> , 2019, 27, 2732.	3.4	41
2	Probabilistic shaping 16 quadrature amplitude modulation scheme based on trellis-coded modulation for short-reach optical communication. <i>Optical Engineering</i> , 2020, 59, 1.	1.0	38
3	A robust probabilistic shaping PON based on symbol-level labeling and rhombus-shaped modulation. <i>Optics Express</i> , 2018, 26, 26576.	3.4	34
4	Three-Dimensional Probabilistically Shaped CAP Modulation Based on Constellation Design Using Regular Tetrahedron Cells. <i>Journal of Lightwave Technology</i> , 2020, 38, 1728-1734.	4.6	20
5	High-Security Physical Layer in CAP-PON System Based on Floating Probability Disturbance. <i>IEEE Photonics Technology Letters</i> , 2020, 32, 367-370.	2.5	17
6	Security-Enhanced 3D-CAP-PON Based on Two-Stage Spherical Constellation Masking. <i>IEEE Access</i> , 2020, 8, 111966-111973.	4.2	12
7	A Novel Multi-Level Constellation Compression Modulation for GFDM-PON. <i>IEEE Photonics Journal</i> , 2019, 11, 1-11.	2.0	6
8	Flexible Filter Bank Multi-Carriers PON Based on Two-Dimensional Multiple Probabilistic Shaping Distribution. <i>IEEE Access</i> , 2019, 7, 1793-1799.	4.2	5
9	High-Security Multi-Slot Chaos Encryption With Dynamic Probability for 16-CAP PON. <i>IEEE Photonics Journal</i> , 2020, 12, 1-10.	2.0	5
10	A Probabilistically Shaped CAP Modulation Method Employing Multiple Subsets Mapping With Symbol Classification for a Short Reach Communication. <i>IEEE Photonics Journal</i> , 2019, 11, 1-8.	2.0	3
11	Self-adaptive Bandwidth Scheduling based on Improved Random Early Detection for NG-PON. , 2019, , .		3
12	Probabilistic Shaping Design Based on Reduced-Exponentiation Subset Indexing and Honeycomb-Structured Constellation Optimization for 5G Fronthaul Network. <i>IEEE Access</i> , 2019, 7, 141395-141403.	4.2	3
13	Enhanced Three-Core Three-Mode Optical Transmission System Based on Probabilistic Shaping With Low Complexity MIMO Equalization Algorithm. <i>IEEE Access</i> , 2020, 8, 106136-106146.	4.2	3
14	Probabilistically shaped amplitude and pulse position modulation based on stepped amplitude probability distribution for optical access networks. <i>Microwave and Optical Technology Letters</i> , 2021, 63, 719-724.	1.4	3
15	A Novel Dynamic Bandwidth Allocation Algorithm for NG-PON based on QoS and SLA. , 2018, , .		2
16	All-Optical OOK -to-QPSK Modulation Format Conversion With Wavelength Multicasting Based on Cascaded SOA Configuration. <i>IEEE Access</i> , 2020, 8, 77843-77849.	4.2	2
17	An optical frequency comb with high carrier-to-noise ratio based on interleaved recirculating frequency shifter. , 2018, , .		1
18	A novel pre-coding orthogonal full diversity space-time block coding scheme for 4 \times 4 MIMO system. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Dynamic and Flexible OFDM System Based on Joint Coded Modulation. IEEE Access, 2020, 8, 86057-86064.	4.2	0
20	Low peak-to-average power ratio OFDM-PON system with multiprobabilistic shaping distribution. Optical Engineering, 2020, 59, 1.	1.0	0