

# Shuto Yamamoto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8151707/publications.pdf>

Version: 2024-02-01

18  
papers

195  
citations

1684188

5  
h-index

2053705

5  
g-index

18  
all docs

18  
docs citations

18  
times ranked

137  
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital Longitudinal Monitoring of Optical Fiber Communication Link. Journal of Lightwave Technology, 2022, 40, 2390-2408.	4.6	28
2	Nonlinear Differential Coding for Spectral Shaping of PAM Signal in High-Baudrate Short-Reach Optical Transmission. Journal of Lightwave Technology, 2021, 39, 1064-1071.	4.6	14
3	First demonstration of a C-band CDC-ROADM with a simple node configuration using multiband switching devices. Optics Express, 2021, 29, 36353.	3.4	10
4	O-Band 10-km PAM Transmission Using Nonlinear-Spectrum-Shaping Encoder and Transition-Likelihood-Based Decoder with Symbol- and Likelihood-Domain Feedbacks. , 2021, , .		4
5	Spectral-Shaping Technique Based on Nonlinear-Coded-Modulation for Short-Reach Optical Transmission. Journal of Lightwave Technology, 2020, 38, 466-474.	4.6	14
6	41-Tbps C-Band WDM Transmission with 10-bps/Hz Spectral Efficiency using 1-Tbps/s Signals. Journal of Lightwave Technology, 2020, , 1-1.	4.6	13
7	O-Band 10-km Transmission of 93-Gbaud PAM4 Signal Using Spectral Shaping Technique Based on Nonlinear Differential Coding with 1-Tap Precoding. , 2020, , .		6
8	Simultaneous Detection of Anomaly Points and Fiber types in Multi-span Transmission Links Only by Receiver-side Digital Signal Processing. , 2020, , .		17
9	Digital Backpropagation for Optical Path Monitoring: Loss Profile and Passband Narrowing Estimation. , 2020, , .		14
10	High-Speed Short-Reach O-Band Transmission Using Advanced DSP Techniques. , 2020, , .		2
11	225-Gbps/s PAM-8 Transmission over 2-km using 4-core LAN-WDM TOSA with MLSE Based on Nonlinear Channel Estimation. , 2020, , .		4
12	O-band Transmission of 255-Gb/s PAM8 Signal through 10-km SMF Using MLSE Based on Nonlinear Channel Estimation. , 2019, , .		8
13	92-Gbaud PAM4 Transmission Using Spectral-Shaping Trellis-Coded-Modulation with 20-GHz Bandwidth Limitation. , 2019, , .		12
14	255-Gbps PAM-8 Transmission under 20-GHz Bandwidth Limitation Using NL-MLSE Based on Volterra Filter. , 2019, , .		24
15	96-Gbaud PAM-4 Transmission with 1 sample/symbol under 22-GHz Bandwidth Limitation Using NL-MLSE Based on Third-Order Volterra Filter. , 2018, , .		12
16	Enhancement of System Tolerance to Channel-Dependent Impairment Using Asymmetric Three-Dimensional Modulation for Short-Reach Optical Transmission. , 2018, , .		2
17	Achievement of 90-Gbaud PAM-4 with MLSE Based on 2nd Order Volterra Filter and 2.88-Tb/s O-band Transmission Using 4-core LAN-WDM and 4-Core Fiber SDM. , 2018, , .		8
18	System Performance Enhancement Using Asymmetric Multi-Dimensional PAM for Short-Reach Optical Transmission. , 2018, , .		3