

Shimpei Shimizu

List of Publications by Year in descending order

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11
papers

114
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1937685

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1872680

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11
all docs

11
docs citations

11
times ranked

23
citing authors

#	ARTICLE	IF	CITATIONS
1	Inter-band non-degenerate phase-sensitive amplification scheme for low-noise full C-band transmission. IEICE Communications Express, 2022, 11, 64-69.	0.4	4
2	PPLN-Based Optical Parametric Amplification for Wideband WDM Transmission. Journal of Lightwave Technology, 2022, 40, 3374-3384.	4.6	20
3	50-Tb/s (1 Tb/s $\tilde{\Lambda}$ – 50 ch) WDM Transmission on Two 6.25-THz Bands Using Hybrid Inline Repeater of PPLN-based OPAs and Incoherent-forward-pumped DRA. , 2022, , .		7
4	Wideband PPLN-Based Phase-Sensitively Amplified Transmission of 20-Channel 96-Gbaud WDM Signal. Journal of Lightwave Technology, 2022, 40, 5467-5477.	4.6	0
5	Wide-Band Inline-Amplified WDM Transmission Using PPLN-Based Optical Parametric Amplifier. Journal of Lightwave Technology, 2021, 39, 787-794.	4.6	41
6	Accurate Estimation of Chromatic Dispersion for Non-Degenerate Phase-Sensitive Amplification. Journal of Lightwave Technology, 2021, 39, 24-32.	4.6	7
7	Non-degenerate phase-sensitive amplification scheme using digital dispersion pre-equalization for unrepeated transmission. Optics Express, 2021, 29, 8451.	3.4	4
8	Over-30-dB gain and 1-dB noise figure phase-sensitive amplification using a pump-combiner-integrated fiber I/O PPLN module. Optics Express, 2021, 29, 28824.	3.4	22
9	13.4-Tb/s WDM Transmission over 1,280 km Repeated only with PPLN-based Optical Parametric Inline Amplifier. , 2021, , .		4
10	8-Tbps (20 $\tilde{\Lambda}$ – 400 Gbps) Unrepeated Transmission over 80 km with 2-THz PPLN-Based Phase-Sensitive Amplification Using Precise Chromatic Dispersion Pre-Compensation. , 2021, , .		2
11	Gain Ripple and Passband Narrowing due to Residual Chromatic Dispersion in Non-Degenerate Phase-Sensitive Amplifiers. , 2020, , .		3