Synchronization of two Microwave Oscillators Based on an MLL-Based Microwave Photonic Phase Detector
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All Optical Nonlinear Activation Function Based on Ge/Si Hybrid Micro-Ring Resonator
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A Grey-box Model for Estimating Nonlinear SNR in Optical Networks Based on Physics-Guided Neural Networks
Xiaomin Liu, Lei Liu, Huazhi Lun, Yihao Zhang, Weisheng Hu, Lilin Yi, Qunbi Zhuge
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Up to 240Gbaud Single Sideband Signal Transmission With the Sub-Sampling Technique
XINYU CHEN, Lei Zhang, Xiansong Fang, Fan Yang, Fan Zhang
Peking University, China

Silicon-on-Insulator Grating Couplers for Dual-Band and Triple-Band Multiplexing
Lirong Cheng, Simei Mao, H.Y. Fu
Tsinghua University, China

New-Generation Ultra-low Loss Silicon Photonic Waveguide and Devices
Long Zhang, Shihan Hong, Yiwei Xie, Daoxin Dai
Zhejiang university, China

High Performance Parametric Spectro-Temporal Analyzer Assisted by a Soliton Microcomb
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Coherently Octave-Spanned Soliton Laser Comb Using Nonlinearly Merged Kelly Sidebands
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