

Kenya Suzuki

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

237
citations

1163117

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12
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22
all docs

22
docs citations

22
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	Wavelength Selective Devices for SDM Applications Based on SPOC Platform. Journal of Lightwave Technology, 2022, 40, 1764-1775.	4.6	4
2	Generative-adversarial-network-based dimensional measurement of optical waveguides. Optics Express, 2022, 30, 6365.	3.4	0
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	Wavelength Selective Switching Technology for SDM Photonic Nodes Based on SPOC Platform. , 2020, , .		1
5	6-6 Wavelength Cross Connect with 2-f and 4-f Optical Systems for SDM Photonic Nodes. , 2019, , .		1
6	Optical Arbitrary Waveform Processing of Over 100 Spatial Channels for Optical Performance Monitoring. Journal of Lightwave Technology, 2019, 37, 291-299.	4.6	6
7	Multicore fiber transmission system for high-capacity optical transport network. , 2019, , .		5
8	Multilane Photonic Spectral Processor Integrated in a Spatial and Planar Optical Circuit for a Space-Division Multiplexing Network. Journal of Lightwave Technology, 2018, 36, 309-317.	4.6	5
9	First Demonstration of Subsystem-Modular Optical Cross-Connect Using Single-Module 6-6 Wavelength-Selective Switch. Journal of Lightwave Technology, 2018, 36, 1435-1442.	4.6	27
10	Integrated Wavelength Selective Switch Array for Space Division Multiplexed Network with Ultra-Low Inter-Spatial Channel Crosstalk. , 2018, , .		7
11	Application of Waveguide/Free-Space Optics Hybrid to ROADM Device. Journal of Lightwave Technology, 2017, 35, 596-606.	4.6	41
12	First investigation and reduction of inter-WSS crosstalk in multiple-arrayed WSSs for large-scale optical node. , 2017, , .		5
13	Proposal and experimental demonstration of SDM node enabling path assignment to arbitrary wavelengths, cores, and directions. Optics Express, 2017, 25, 4061.	3.4	12
14	Wavelength selective switch array employing silica-based waveguide frontend with integrated polarization diversity optics. Optics Express, 2017, 25, 19946.	3.4	7
15	Low-Loss Transponder Aggregator Using Spatial and Planar Optical Circuit. Journal of Lightwave Technology, 2016, 34, 67-72.	4.6	21
16	In-band OSNR Monitors Comprising Programmable Delay Line Interferometer Integrated with Wavelength Selective Switch by Spatial and Planar Optical Circuit. , 2016, , .		9
17	8 × 8 wavelength cross connect with add/drop ports integrated in spatial and planar optical circuit. , 2015, , .		10
18	Compact Wavelength Selective Switch Using a Bragg Reflector Waveguide Array With Ultra-Large Number (100) of Output Ports. Journal of Lightwave Technology, 2015, 33, 1358-1364.	4.6	12

#	ARTICLE	IF	CITATIONS
19	Ultra-High Port Count Wavelength Selective Switch Employing Waveguide-Based I/O Frontend. , 2015, , .		19
20	Experimental demonstration of arrayed optical amplifiers with a shared pump laser for realizing colorless, directionless, contentionless ROADMs. Optics Express, 2012, 20, B131.	3.4	8
21	Spatial beam transformer for wavelength selective switch consisting of silica-based planar lightwave circuit. , 2012, , .		12
22	Demonstration of channelized tunable optical dispersion compensator based on arrayed-waveguide grating and liquid crystal on silicon. Optics Express, 2010, 18, 18565.	3.4	15