Koichi Takiguchi

List of Publications by Year
in descending order

18 papers	**74** citations	1937685 **4** h-index	2053705 **5** g-index
18 all docs	**18** docs citations	**18** times ranked	**39** citing authors

#	ARTICLE	IF	CITATIONS
1	Gate-free integrated-optic tunable filter for demultiplexing various capacity optical OFDM signals. OSA Continuum, 2021, 4, 2319.	1.8	3
2	Integrated-optic gate-free tunable filter for demultiplexing various channel symbol rate OFDM signals. , 2021, , .		0
3	Tunable Optical OFDM Demultiplexer Utilizing Slab Star Coupler-Based Optical DFT Circuit. IEEE Photonics Technology Letters, 2019, 31, 1327-1330.	2.5	5
4	Demultiplexing Method of Variable Capacity Optical OFDM Signal Using Time Lens-Based Optical Fourier Transform. IEICE Transactions on Electronics, 2018, E101.C, 112-117.	0.6	4
5	Real-time wireless OFDM communication in THz-band using optical dft processing. , 2017, , .		5
6	Modulation Format Conversion of OOK to PAM Signals Using Balanced Detection and Intensity Modulation. IEICE Transactions on Electronics, 2016, E99.C, 427-429.	0.6	0
7	High‐speed operation of optical exclusive OR circuit based on balanced detection and intensity modulation. Journal of Engineering, 2015, 2015, 345-347.	1.1	0
8	Integrated-optic filter for variable symbol rate optical OFDM signals. , 2015, , .		2
9	Optical orthogonal frequency division multiplexing demultiplexer using slab star coupler-based optical discrete Fourier transform circuit. Optics Letters, 2011, 36, 1140.	3.3	38
10	Integrated-optic demultiplexers for optical OFDM signals. , 2011, , .		3
11	Spectrally Efficient Frequency-Domain Optical CDM Employing QAM Based on Electrical Spatial Code Spreading. IEICE Transactions on Communications, 2011, E94-B, 2877-2880.	0.7	0
12	Integrated-optic OFDM demultiplexer using slab star coupler based optical DFT circuit. , 2010, , .		7
13	Spectral multi-level ASK × BPSK OCDM based on electrical-domain spatial code spreading and self-homodyne detection. , 2010, , .		0
14	Integrated frequency-domain optical CDMA modulator using hybrid assembly technique with silica PLCs and LN phase modulators. , 2008, , .		1
15	Experimental demonstration of phase-matched OCDM using PLC-LN multi-frequency self-homodyne module. , 2008, , .		0
16	Integrated photonic devices for OCDMA using silica planar lightwave circuit technology. , 2008, , .		2
17	Integrated photonic decoder with complementary code processing and balanced detection for two-dimensional OCDMA. , 2007, , .		0
18	AWG-Based Wavelength Router With Nonuniform Number of Transmission Paths. IEEE Photonics Technology Letters, 2007, 19, 167-169.	2.5	4