

Boo-Gyoun Kim

List of Publications by Year in descending order

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32
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152
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical True Time-Delay Feeder for X-Band Phased Array Antennas Composed of 2 Optical MEMS Switches and Fiber Delay Lines. IEEE Photonics Technology Letters, 2004, 16, 1364-1366.	2.5	56
2	Optical True Time-Delay for Two-Dimensional X-Band Phased Array Antennas. IEEE Photonics Technology Letters, 2007, 19, 877-879.	2.5	49
3	Self-Pulsating Amplified Feedback Laser Based on a Loss-Coupled DFB Laser. IEEE Journal of Quantum Electronics, 2007, 43, 1095-1103.	1.9	15
4	A Linear Phased Array Antenna Composed of Inductive Loaded Patch Antennas. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1051-1054.	4.0	15
5	Systematic comparisons of the effects of the linewidth enhancement factor, confinement factor, internal loss, and cavity length on the above-threshold characteristics of quarter-wavelength-shifted DFB lasers. Microwave and Optical Technology Letters, 2000, 27, 396-400.	1.4	12
6	Effect of Edge Reflections on the Mutual Coupling of a Two-Element Linear Microstrip Patch Antenna Array Positioned Along the E-Plane. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 783-786.	4.0	10
7	A shared aperture S/X dual broadband microstrip antenna with one perforated patch. Microwave and Optical Technology Letters, 2020, 62, 507-513.	1.4	10
8	A novel vertical directional coupler switch with switching-operation-induced section and extinction-ratio-enhanced section. Journal of Lightwave Technology, 2002, 20, 1773-1778.	4.6	7
9	The symmetry of the amplified spontaneous emission spectrum in complex-coupled DFB lasers. Journal of Lightwave Technology, 1998, 16, 1088-1094.	4.6	5
10	Polymeric bidirectional wavelength filter based on multimode interference. Optical and Quantum Electronics, 2012, 44, 235-240.	3.3	4
11	Optical true time-delay feeder for phased array antennas using fiber Bragg gratings and metal-film reflectors. Microwave and Optical Technology Letters, 2005, 45, 122-124.	1.4	3
12	Ray optics determination of the DFB coupling coefficient for trapezoidal gratings. Journal of Lightwave Technology, 1998, 16, 715-720.	4.6	1
13	Distributed feedback lasers with refractive-index-modulated upper cladding layer of the grating for reducing the spatial hole-burning effect. Microwave and Optical Technology Letters, 2000, 26, 173-176.	1.4	1
14	Optical true time-delay feeder for linear phased-array antennas implemented with chirped fiber gratings. , 0, , .		1
15	4-b true time-delay feeder using MEMS switches for linear phased-array antennas. , 0, , .		1
16	Optical label detection using optical interleavers. , 0, , .		1
17	Low-Cost Hybrid WDM Module Integrated on Planar Lightwave Circuit (PLC) with a Coated WDM Filter Using Passive Alignment Technique. , 2007, , .		1
18	DVB-H antenna with broadband LC matching circuit for PMP applications. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
19	Hybrid integrated bi-directional module using polymeric WDM filter based on multimode interference. , 2009, , .		1
20	Design of a Compact Broadband Planar Balun on a PCB. The Journal of Korean Institute of Electromagnetic Engineering and Science, 2019, 30, 693-701.	0.3	1
21	Optimization of grating structures in complex-coupled MQW DFB lasers with absorptive gratings. , 0, , .		0
22	Effect of facet reflections on the normalized threshold gain margin of complex-coupled DFB lasers. , 0, , .		0
23	Effect of optical pulse shapes on the performance of an all-optical packet switching node using an optical correlator as a packet address detector. , 0, , .		0
24	Optical true time-delay feeder for phased array antennas using fiber Bragg gratings and metal film reflectors. , 0, , .		0
25	Stability of astigmatic and twisted optical lensguides. Optical and Quantum Electronics, 2004, 36, 1117-1127.	3.3	0
26	A 4-bit optical true time-delay for 10-GHz phased array antennas using optical MEMS switches and fiber-optic delay lines. , 0, , .		0
27	A Multi-Section Complex-Coupled DFB Laser with Terahertz Self-Pulsation Frequency and High Modulation Index. , 2007, , .		0
28	Impact of a square grounded dielectric substrate on the radiation characteristics of a rectangular microstrip patch antenna. , 2009, , .		0
29	Analysis of EMI dependence on signal duty and supplied voltage. , 2009, , .		0
30	Optimum substrate size for radiation pattern of an H-plane coupled linear microstrip patch antenna array. , 2012, , .		0
31	Radiation characteristics of an E-plane linear inductive loaded patch phased array antenna. , 2013, , .		0
32	A spread spectrum clock generator using discontinuous modulation technique for reduction of time interval errors. , 2014, , .		0