Nadir Dagli

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4213618/publications.pdf

Version: 2024-02-01

40	268	840119 11	940134 16
papers	citations	h-index	g-index

40	40	40	192
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low Voltage, High Optical Power Handling Capable, Bulk Compound Semiconductor Electro-Optic Modulators at 1550 nm. Journal of Lightwave Technology, 2020, 38, 2308-2314.	2.7	13
2	Traveling Wave GaAs/AlGaAs Electro-optic Modulators Directly Grown on Silicon. , 2020, , .		0
3	Low Loss, Compact Waveguides in GaAs/Oxidized AlGaAs Layers Directly Grown on Silicon. , 2019, , .		0
4	Intensity and Phase Modulators at 1.55 Î¼m in GaAs/AlGaAs Layers Directly Grown on Silicon. Journal of Lightwave Technology, 2018, 36, 4205-4210.	2.7	7
5	Very low voltage InGaAlAs/InAlAs MQW core electro-optic modulators fabricated with conventional processing. , 2015, , .		0
6	Ultra wide bandwidth electro-optic intensity modulators with 0.46 V-cm modulation efficiency at 1550 nm. , 2014, , .		0
7	0.2 V Drive Voltage Substrate Removed Electro-Optic Machâ€“Zehnder Modulators With MQW Cores at 1.55 Î¼m. Journal of Lightwave Technology, 2014, 32, 435-439.	2.7	18
8	Sub-volt drive voltage, ultra wide bandwidth substrate removed electro-optic modulators. , 2014, , .		0
9	077-V drive voltage electro-optic modulator with bandwidth exceeding 67â€‰â€‰GHz. Optics Letters, 2014, 39, 6074.	1.7	32
10	Ultralow Drive Voltage Substrate Removed GaAs/AlGaAs Electro-Optic Modulators at 1550 nm. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 150-157.	1.9	16
11	Mode transformers for substrate removed waveguides. , 2013, , .		2
12	Traveling Wave Electrodes for Substrate Removed Electro-Optic Modulators With Buried Doped Semiconductor Electrodes. IEEE Journal of Quantum Electronics, 2013, 49, 599-606.	1.0	5
13	Compound semiconductor electro-optic modulators for microwave photonics applications. , 2013, , .		1
14	Traveling wave electrodes for wide-bandwidth substrate-removed electro-optic modulators. , 2012, , .		3
15	A subranging photonic ADC based on cyclic code. , 2012, , .		0
16	A wide bandwidth digital to analog converter based on cyclic code. , 2011, , .		1
17	Conductor Loss of Capacitively Loaded Slow Wave Electrodes for High-Speed Photonic Devices. Journal of Lightwave Technology, 2011, 29, 48-52.	2.7	37
18	Very Compact Metal Slab Waveguide Reflectors as Integrated High Reflectivity Mirrors on High Index Contrast Waveguides. Journal of Lightwave Technology, 2011, 29, 2999-3003.	2.7	1

#	Article	IF	Citations
19	InGaAlAs/InAlAs multi quantum well substrate removed electro-optic modulators. , 2011, , .		8
20	Enhanced Electro-Optic Phase Modulation in InGaAs Quantum Posts at 1500 nm. IEEE Journal of Quantum Electronics, 2010, 46, 1127-1131.	1.0	3
21	Submicron Etched Beam Splitters Based on Total Internal Reflection in GaAsâ€“AlGaAs Waveguides. Journal of Lightwave Technology, 2010, 28, 1938-1943.	2.7	13
22	Ultra-low voltage substrate-removed mach-zehnder intensity modulators with integrated electrical drivers. , 2009, , .		0
23	Ultra-low voltage GaAs/AlGaAs Mach-Zehnder intensity modulators. , 2008, , .		1
24	Coupled-ring reflector laser diodes composed of squared ring waveguides. , 2008, , .		0
25	Very Low Drive Voltage Substrate Removed GaAs/A1GaAs Electro-Optic Modulators. , 2008, , .		0
26	Triangular ring resonator incorporating total internal reflection mirror and compact multimode interference coupler. , 2008, , .		0
27	Propagation loss and facet reflectivity of very compact substrate removed GaAs/AlGaAs waveguides at 1550 nm. , 2008, , .		1
28	Efficient phase and intensity modulation in substrate removed GaAs/AlGaAs nanowires. , 2008, , .		0
29	Efficient Phase Modulation in Substrate Removed GaAs/AlGaAs Nanowires. , 2007, , .		0
30	Concave Low-Loss Total Internal Reflection Mirrors in Indium Phosphide for High Fabrication Tolerance. , 2007, , .		0
31	An Unbalanced MZM based Photonic Analog-to-Digital Converter. Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS, 2007, , .	0.0	2
32	Very Low Drive Voltage Substrate Removed GaAs/AlGaAs Electro-Optic Modulators. , 2007, , .		0
33	A Photonic Analog-to-Digital Converter Based on an Unbalanced Mach-Zehnder Quantizer. , 2007, , .		1
34	Rectangular Ring Lasers Based on Total Reflection Mirrors and Three Waveguide Couplers. IEEE Photonics Technology Letters, 2007, 19, 306-308.	1.3	6
35	35-GHz Bandwidth, 5-V-cm Drive Voltage, Bulk GaAs Substrate Removed Electrooptic Modulators. IEEE Photonics Technology Letters, 2007, 19, 1362-1364.	1.3	20
36	Compact Ring Cavity Resonator with Optimum Multimode Interference. , 2006, , .		0

#	Article	IF	Citations
37	Theoretical study of subband transitions in strainâ€induced quantum well wires. Journal of Applied Physics, 1992, 72, 546-552.	1.1	12
38	Optical properties of serpentine superlattices on GaAs vicinal substrates for quantum wire laser applications. Applied Physics Letters, 1992, 61, 219-221.	1.5	11
39	An electron wave directional coupler and its analysis. Journal of Applied Physics, 1991, 69, 1047-1051.	1.1	43
40	Investigation of tilted superlattices for quantumâ€wire laser applications. Applied Physics Letters, 1991, 59, 3015-3017.	1.5	11