

Jiaoqing Pan

List of Publications by Year in descending order

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26
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26
docs citations

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times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and fabrication of a SiN-Si dual-layer optical phased array chip. Photonics Research, 2020, 8, 912.	7.0	63
2	40-Gb/s Low Chirp Electroabsorption Modulator Integrated With DFB Laser. IEEE Photonics Technology Letters, 2009, 21, 356-358.	2.5	28
3	Hybrid InGaAsP-Si Evanescent Laser by Selective-Area Metal-Bonding Method. IEEE Photonics Technology Letters, 2013, 25, 1180-1183.	2.5	23
4	4-Î¼m InGaAsP-Si distributed feedback evanescent lasers with varying silicon waveguide width. Optics Express, 2014, 22, 5448.	3.4	21
5	High-power InGaAs/GaAs quantum-well laser with enhanced broad spectrum of stimulated emission. Applied Physics Letters, 2014, 105, 141101.	3.3	16
6	106-Î¼m InGaAs/GaAs multiple-quantum-well optical thyristor lasers with a PiNiN structure. Optics Letters, 2013, 38, 4868.	3.3	15
7	Ultrabroad stimulated emission from quantum well laser. Applied Physics Letters, 2014, 104, 251101.	3.3	15
8	A Buried Ridge Stripe Structure InGaAsP-Si Hybrid Laser. IEEE Photonics Technology Letters, 2015, 27, 352-355.	2.5	14
9	Adoption of large aperture chirped grating antennas in optical phase array for long distance ranging. Optics Express, 2022, 30, 28112.	3.4	11
10	155 Åµm high speed low chirp electroabsorption modulated laser arrays based on SAG scheme. Optics Express, 2014, 22, 31286.	3.4	9
11	III-V compound materials and lasers on silicon. Journal of Semiconductors, 2019, 40, 101305.	3.7	7
12	InGaAs/InP multi-quantum-well nanowires with a lower optical leakage loss on v-groove-patterned SOI substrates. Optics Express, 2019, 27, 494.	3.4	7
13	Monolithic integration of InGaAs/InP multiple quantum wells on SOI substrates for photonic devices. Journal of Applied Physics, 2018, 123, .	2.5	5
14	4-Î¼m hybrid InGaAsP-Si evanescent laser array with low power consumption for on-chip optical interconnects. Photonics Research, 2019, 7, 687.	7.0	5
15	1550-nm Evanescent Hybrid InGaAsP-Si Laser With Buried Ridge Stripe Structure. IEEE Photonics Technology Letters, 2016, 28, 1146-1149.	2.5	4
16	Design and fabrication of 1.55 Î¼m broad area slotted single-mode Fabry-Perot lasers. Journal of Semiconductors, 2016, 37, 034007.	3.7	2
17	A Hybrid Single-Mode Laser Based on Slotted Silicon Waveguides. IEEE Photonics Technology Letters, 2016, , 1-1.	2.5	2
18	Selective Area Growth of InGaAs/InP Quantum Well Nanowires on SOI Substrate. ECS Transactions, 2018, 86, 115-121.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Investigation of InGaAs/GaAs Quantum Well Lasers with Slightly Doped Tunnel Junction. Semiconductors, 2018, 52, 2017-2021.	0.5	2
20	1024-channel Passive Optical Phased Array with High Angular Resolution. , 2021, , .		1
21	InGaAs/GaAs quantum well laser with broad spectrum of stimulated emission at 1.06 μm . , 2014, , .		0
22	A Silicon Co-Integrated Light Source Module. IEEE Photonics Technology Letters, 2017, 29, 987-990.	2.5	0
23	Quantum Well Laser Diodes with slightly-doped tunnel junction. , 2018, , .		0
24	Dual-depletion-region lumped electroabsorption modulator for low capacitance and expected high bandwidth. , 2011, , .		0
25	A SiN-Si dual-layer optical phased array with high radiation efficiency and large steering range. , 2021, , .		0
26	512-Channel Optical Phased Array with Large Field of View and High Resolution. , 2021, , .		0