

Hongyan Yu

List of Publications by Year in descending order

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22
papers

100
citations

1684188

5
h-index

1372567

10
g-index

22
all docs

22
docs citations

22
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Growth of Energy-Band-Controllable In ^{1-x} GaxAsyP ^{1-â} y Submicron Wires in V-Shaped Trench on Si. Crystals, 2022, 12, 476.	2.2	0
2	Multicore Photonic Complex-Valued Neural Network with Transformation Layer. Photonics, 2022, 9, 384.	2.0	2
3	Low fabrication cost wavelength tunable WG-FP hybrid-cavity laser working over 1.7 μ m. Journal of Semiconductors, 2022, 43, 062302.	3.7	0
4	A Widely Tunable Three-Section DBR Lasers for Multi-Species Gas Detection. Applied Sciences (Switzerland), 2021, 11, 2618.	2.5	2
5	A 1.6- μ m widely tunable distributed Bragg reflector laser diode based on InGaAs/InGaAsP quantum-wells material. Optics Communications, 2021, 497, 127201.	2.1	4
6	Demonstration of 128-Channel Optical Phased Array With Large Scanning Range. IEEE Photonics Journal, 2021, 13, 1-10.	2.0	8
7	512-Channel Optical Phased Array with Large Field of View and High Resolution. , 2021, , .		0
8	1024-channel Passive Optical Phased Array with High Angular Resolution. , 2021, , .		1
9	Monolithic integration of InGaAs/InP multiple quantum wells on SOI substrates for photonic devices. Journal of Applied Physics, 2018, 123, .	2.5	5
10	Investigation of InGaAs/GaAs Quantum Well Lasers with Slightly Doped Tunnel Junction. Semiconductors, 2018, 52, 2017-2021.	0.5	2
11	Demonstration of on-chip mode conversion, multiplexing and demultiplexing using cascaded MMI couplers on InP substrate. , 2018, , .		0
12	Hybrid Integration of a Tunneling Diode and a 1310 nm DFB Semiconductor Laser. , 2018, , .		1
13	Quantum Well Laser-Based Optical Bistable Switching Device. , 2018, , .		0
14	A Silicon Co-Integrated Light Source Module. IEEE Photonics Technology Letters, 2017, 29, 987-990.	2.5	0
15	A Hybrid Single-Mode Laser Based on Slotted Silicon Waveguides. IEEE Photonics Technology Letters, 2016, , 1-1.	2.5	2
16	1550-nm Evanescent Hybrid InGaAsP/Si Laser With Buried Ridge Stripe Structure. IEEE Photonics Technology Letters, 2016, 28, 1146-1149.	2.5	4
17	1060nm high-power broadband InGaAs/GaAs quantum well thyristor-laser. , 2015, , .		1
18	A Buried Ridge Stripe Structure InGaAsP-Si Hybrid Laser. IEEE Photonics Technology Letters, 2015, 27, 352-355.	2.5	14

#	ARTICLE	IF	CITATIONS
19	A GaAs-Based Hybrid Integration of a Tunneling Diode and a 1060-nm Semiconductor Laser. IEEE Photonics Technology Letters, 2015, 27, 169-172.	2.5	9
20	A Directional-Emission 1060-nm GaAs/InGaAs Microcylinder Laser. IEEE Photonics Technology Letters, 2015, 27, 569-572.	2.5	1
21	4-Î» InGaAsP-Si distributed feedback evanescent lasers with varying silicon waveguide width. Optics Express, 2014, 22, 5448.	3.4	21
22	Hybrid InGaAsP-Si Evanescent Laser by Selective-Area Metal-Bonding Method. IEEE Photonics Technology Letters, 2013, 25, 1180-1183.	2.5	23