

Huolei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

67
citations

1684188

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h-index

2053705

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12
all docs

12
docs citations

12
times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	Consequences of quantum noise control for the relaxation resonance frequency and phase noise in heterogeneous Silicon/III-V lasers. Scientific Reports, 2022, 12, 312.	3.3	0
2	High-Speed Coherent Optical Communication With Isolator-Free Heterogeneous Si/III-V Lasers. Journal of Lightwave Technology, 2020, 38, 6584-6590.	4.6	11
3	Kicking the habit/semiconductor lasers without isolators. Optics Express, 2020, 28, 36466.	3.4	6
4	Higher-order QAM data transmission using a high-coherence hybrid Si/III-V semiconductor laser. Optics Letters, 2020, 45, 1499.	3.3	6
5	Using a Hybrid Si/III-V Semiconductor Laser to Carry 16- and 64-QAM Data Signals over an 80-km Distance. , 2019, , .		3
6	Coherent and Incoherent Optical Feedback Sensitivity of High-coherence Si/III-V Hybrid Lasers. , 2019, , .		5
7	Quantum Well Laser Diodes with slightly-doped tunnel junction. , 2018, , .		0
8	Hybrid Integration of a Tunneling Diode and a 1310 nm DFB Semiconductor Laser. , 2018, , .		1
9	Quantum Well Laser-Based Optical Bistable Switching Device. , 2018, , .		0
10	Narrow-Linewidth Oxide-Confined Heterogeneously Integrated Si/III-V Semiconductor Lasers. IEEE Photonics Technology Letters, 2017, 29, 2199-2202.	2.5	12
11	Suppression of Linewidth Enhancement Factor in High-coherence Heterogeneously Integrated Silicon/III-V Lasers. , 2017, , .		2
12	Ultrashort pulse generation by semiconductor mode-locked lasers at 760 nm. Optics Express, 2014, 22, 25940.	3.4	21