

Antoine Descos

List of Publications by Year in descending order

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12
papers

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citations

1163117

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1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

534
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy efficient transmitters for high bandwidth density links. , 2022, , .		0
2	An Energy-Efficient and Bandwidth-Scalable DWDM Heterogeneous Silicon Photonics Integration Platform. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-19.	2.9	21
3	High-performance quantum-dot distributed feedback laser on silicon for high-speed modulations. Optica, 2021, 8, 591.	9.3	22
4	32â€‰%â€‰Gbps heterogeneously integrated quantum dot waveguide avalanche photodiodes on silicon. Optics Letters, 2021, 46, 3821.	3.3	10
5	Heterogeneous O-Band InAs/GaAs Quantum-Dot Optical Amplifier on Silicon. , 2021, , .		5
6	Fully-Integrated Heterogeneous DML Transmitters for High-Performance Computing. Journal of Lightwave Technology, 2020, 38, 3322-3337.	4.6	18
7	Hybrid quantum-dot microring laser on silicon. Optica, 2019, 6, 1145.	9.3	27
8	Indium arsenide quantum dot waveguide photodiodes heterogeneously integrated on silicon. Optica, 2019, 6, 1277.	9.3	37
9	Crosstalk analysis of ring resonator switches for all-optical routing. Optics Express, 2016, 24, 11668.	3.4	7
10	Hybrid IIIâ€‰V on Silicon Laterally Coupled Distributed Feedback Laser Operating in the λ -Band. IEEE Photonics Technology Letters, 2016, 28, 1920-1923.	2.5	7
11	1310 nm hybrid InP/InGaAsP on silicon distributed feedback laser with high side-mode suppression ratio. Optics Express, 2015, 23, 8489.	3.4	51
12	Hybrid IIIâ€‰V on Silicon Lasers for Photonic Integrated Circuits on Silicon. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 158-170.	2.9	144