

HÃ©lÃ¨ne DebrÃ©geas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1425/publications.pdf>

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11
papers

661
citations

1163117

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1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

844
citing authors

#	ARTICLE	IF	CITATIONS
1	An introduction to InP-based generic integration technology. Semiconductor Science and Technology, 2014, 29, 083001.	2.0	422
2	A 5G mmWave Fiber-Wireless IFoF Analog Mobile Fronthaul Link With up to 24-Gb/s Multiband Wireless Capacity. Journal of Lightwave Technology, 2019, 37, 2883-2891.	4.6	73
3	Multiterabit Transmission Over OM2 Multimode Fiber With Wavelength and Mode Group Multiplexing and Direct Detection. Journal of Lightwave Technology, 2018, 36, 355-360.	4.6	57
4	Ultrawideband Wavelength-Tunable Hybrid External-Cavity Lasers. Journal of Lightwave Technology, 2018, 36, 37-43.	4.6	41
5	Optical access network interfaces for 5G and beyond [Invited]. Journal of Optical Communications and Networking, 2021, 13, D32.	4.8	27
6	Achieving high budget classes in the downstream link of 50G-PON. Journal of Optical Communications and Networking, 2021, 13, D13.	4.8	14
7	TWDM-PON Burst Mode Lasers With Reduced Thermal Frequency Shift. Journal of Lightwave Technology, 2018, 36, 128-134.	4.6	12
8	Versatile Externally Modulated Lasers Technology for Multiple Telecommunication Applications. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-12.	2.9	9
9	Increasing the Speed of an InP-Based Integration Platform by Introducing High Speed Electroabsorption Modulators. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-8.	2.9	5
10	32dB of Optical Budget with DSP-free real time experimentation up to 50Gbit/s NRZ using O-band DFB-EAM and SOA-PIN for Higher Speed PONs. , 2021, , .		1
11	Evaluation of Heater Implementations for Wavelength Drift Mitigation in Directly Modulated Lasers Under Burst Mode Operation. , 2018, , .		0