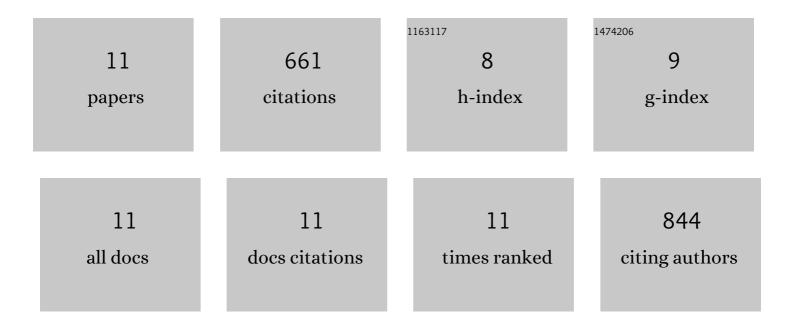
HélÃ"ne Debrégeas

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1425/publications.pdf Version: 2024-02-01



| # | 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 |