Research outputs:

**Multicore fiber, and multicore fiber tape using same**
Research output: Patent › Patent – Annual report year: 2018 › Research

**Non-circular multi-core fibers for super-dense SDM**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

**Single-source chip-based frequency comb enabling extreme parallel data transmission**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

**1-Pb/s (32 SDM/46 WDM/768 Gb/s) C-band Dense SDM Transmission over 205.6-km of Single-mode Heterogeneous Multi-core Fiber using 96-Gbaud PDM-16QAM Channels**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

**32-core erbium/ytterbium-doped multicore fiber amplifier for next generation space-division multiplexed transmission system**
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

**Demonstration of Single-Mode Multicore Fiber Transport Network with Crosstalk-Aware In-Service Optical Path Control**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

**Effect of crosstalk on component savings in multi-core fiber networks**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

**First demonstration of single-mode MCF transport network with crosstalk-aware in-service optical channel control**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

**Multi-core Fibers in Submarine Networks for High-Capacity Undersea Transmission Systems**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

**Multi-core fiber undersea transmission systems**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review
Power Consumption in Multi-core Fibre Networks
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2018 › Research › peer-review

Resource Savings in Submarine Networks Using Agility of Filterless Architectures
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

Low-Cost Hybrid ROADM Architectures for Scalable C/DWDM Metro Networks
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

Resource Savings in Gridless Coherent Submarine Networks with Filterless Architectures,
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

Single-Source AlGaAs Frequency Comb Transmitter for 661 Tbit/s Data Transmission in a 30-core Fiber
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review