Research outputs:

**Hybrid Si-on-chip Lasers with Nano Structures**
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2017

**Hybrid grating reflectors: Origin of ultrabroad stopband**
Research output: Research - peer-review › Journal article – Annual report year: 2016

**Hybrid III-V on Si grating as a broadband reflector and a high-Q resonator**
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

**Hybrid III-V/SOI resonant cavity enhanced photodetector**
Research output: Research - peer-review › Journal article – Annual report year: 2016

**Hybrid III-V/SOI Resonant Cavity Photodetector**
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

**Ultradbroadband Hybrid III-V/SOI Grating Reflector for On-chip Lasers**
Research output: Research - peer-review › Article in proceedings – Annual report year: 2016

**Ultrahigh-speed Si-integrated on-chip laser with tailored dynamic characteristics**
Research output: Research - peer-review › Journal article – Annual report year: 2016

**Vertical-cavity laser with a novel grating mirror**

**Hybrid III-V/SOI single-mode vertical-cavity laser with in-plane emission into a silicon waveguide**
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

**Hybrid vertical-cavity laser with lateral emission into a silicon waveguide**
Research output: Research - peer-review › Journal article – Annual report year: 2015

**III-V/SOI vertical cavity laser structure for 120 Gbit/s speed**
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

**III-V/SOI vertical cavity laser with in-plane output into a Si waveguide**
Research output: Research - peer-review › Article in proceedings – Annual report year: 2015

**Polarization-Independent Wideband High-Index-Contrast Grating Mirror**
Research output: Research - peer-review › Journal article – Annual report year: 2015

**Hybrid grating reflector with high reflectivity and broad bandwidth**
Research output: Research - peer-review › Journal article – Annual report year: 2014

**Hybrid III-V-on-Si Vertical Cavity laser for Optical Interconnects**
Research output: Research - peer-review › Article in proceedings – Annual report year: 2014
Ultrahigh-speed hybrid laser for silicon photonic integrated chips
Research output: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014

Projects:

Vertical-cavity laser with a novel grating mirror
Project: PhD