

Bert Jan Offrein

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

853
citations

1684188

5
h-index

1872680

6
g-index

15
all docs

15
docs citations

15
times ranked

912
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Co-Package Technology Platform for Low-Power and Low-Cost Data Centers. Applied Sciences (Switzerland), 2021, 11, 6098. | 2.5 | 6 |
| 2 | Broadband and scalable optical coupling for silicon photonics using polymer waveguides. Advanced Optical Technologies, 2018, 7, 107-113. | 1.7 | 0 |
| 3 | Scalable and broadband silicon photonics chip to fiber optical interface using polymer waveguides. , 2017, , . | | 1 |
| 4 | Broadband High Channel Count Optical Fiber Interface for Silicon Photonics using Polymer Waveguides. , 2017, , . | | 0 |
| 5 | Scalable Optical Coupling between Silicon Photonics Waveguides and Polymer Waveguides. , 2016, , . | | 4 |
| 6 | Optical Coupling between Polymer Waveguides and a Silicon Photonics Chip in the O-band. , 2016, , . | | 8 |
| 7 | System-Level Integration of Silicon Photonics Based on Scalable Optical Coupling using Polymer Waveguides. , 2016, , . | | 0 |
| 8 | Polymer waveguides for electro-optical integration in data centers and high-performance computers. Optics Express, 2015, 23, 4736. | 3.4 | 170 |
| 9 | Optical interconnects for disaggregated resources in future datacenters. , 2014, , . | | 14 |
| 10 | Flip-chip optical couplers with scalable I/O count for silicon photonics. Optics Express, 2013, 21, 16075. | 3.4 | 51 |
| 11 | Cascaded Mach-Zehnder wavelength filters in silicon photonics for low loss and flat pass-band WDM (de-)multiplexing. Optics Express, 2013, 21, 11652. | 3.4 | 367 |
| 12 | 250 Gbps 10-channel WDM silicon photonics receiver. , 2012, , . | | 5 |
| 13 | Silicon-on-Insulator Echelle Grating WDM Demultiplexers With Two Stigmatic Points. IEEE Photonics Technology Letters, 2009, 21, 1743-1745. | 2.5 | 69 |
| 14 | Silicon photonic WDM devices: simulation, design, and implementation. , 2009, , . | | 5 |
| 15 | Polymer-Waveguide-Based Board-Level Optical Interconnect Technology for Datacom Applications. IEEE Transactions on Advanced Packaging, 2008, 31, 759-767. | 1.6 | 153 |