

Bert Jan Offrein

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11906941/publications.pdf>

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