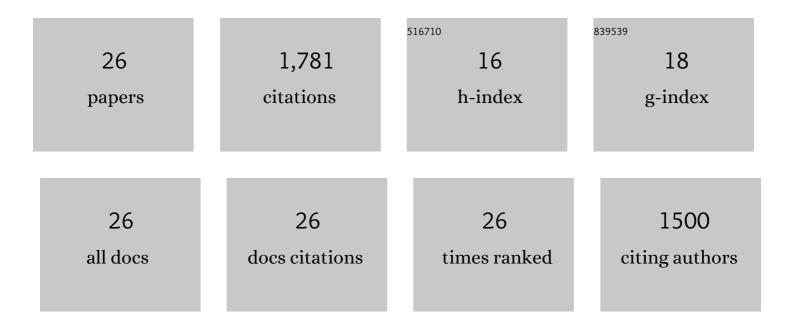
Marcel Hoekman

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Programmable photonic signal processor chip for radiofrequency applications. Optica, 2015, 2, 854.	9.3	311
2	Low-Loss Si3N4 TriPleX Optical Waveguides: Technology and Applications Overview. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-21.	2.9	243
3	TriPleX: a versatile dielectric photonic platform. Advanced Optical Technologies, 2015, 4, 189-207.	1.7	184
4	On-chip CMOS compatible reconfigurable optical delay line with separate carrier tuning for microwave photonic signal processing. Optics Express, 2011, 19, 21475.	3.4	175
5	Si_3N_4 ring resonator-based microwave photonic notch filter with an ultrahigh peak rejection. Optics Express, 2013, 21, 23286.	3.4	105
6	On-chip visible-to-infrared supercontinuum generation with more than 495 THz spectral bandwidth. Optics Express, 2015, 23, 19596.	3.4	101
7	Two-octave spanning supercontinuum generation in stoichiometric silicon nitride waveguides pumped at telecom wavelengths. Optics Express, 2017, 25, 1542.	3.4	96
8	A photonic chip based frequency discriminator for a high performance microwave photonic link. Optics Express, 2010, 18, 27359.	3.4	90
9	Stress-optic modulator in TriPleX platform using a piezoelectric lead zirconate titanate (PZT) thin film. Optics Express, 2015, 23, 14018.	3.4	78
10	Ring resonator-based on-chip modulation transformer for high-performance phase-modulated microwave photonic links. Optics Express, 2013, 21, 25999.	3.4	74
11	High confinement, high yield Si_3N_4 waveguides for nonlinear optical applications. Optics Express, 2015, 23, 642.	3.4	66
12	Hybrid Integrated Semiconductor Lasers with Silicon Nitride Feedback Circuits. Photonics, 2020, 7, 4.	2.0	63
13	Optically Integrated InP–Si\$_3\$ N\$_4\$ Hybrid Laser. IEEE Photonics Journal, 2016, 8, 1-11.	2.0	51
14	290 Hz Intrinsic Linewidth from an Integrated Optical Chip-based Widely Tunable InP-Si3N4 Hybrid Laser. , 2017, , .		38
15	Novel lowâ€loss waveguide delay lines using Vernier ring resonators for onâ€chip multiâ€Î» microwave photonic signal processors. Laser and Photonics Reviews, 2013, 7, 994-1002.	8.7	33
16	Characterization of Hybrid InP-TriPleX Photonic Integrated Tunable Lasers Based on Silicon Nitride (Si) Tj ETQq0 (IEEE Photonics Journal, 2018, 10, 1-8.	0 0 rgBT /0 2.0	Overlock 10 T 21
17	High-Selectivity On-Chip Optical Bandpass Filter With Sub-100-MHz Flat-Top and Under-2 Shape Factor. IEEE Photonics Technology Letters, 2019, 31, 455-458.	2.5	18
18	Fully reconfigurable coupled ring resonator-based bandpass filter for microwave signal processing. , 2014, , .		15

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#	Article	IF	CITATIONS
19	Integrated Microwave Photonic Spectral Shaping For Linearization and Spurious-Free Dynamic Range Enhancement. Journal of Lightwave Technology, 2021, 39, 7551-7562.	4.6	7
20	Corrections to "Characterization of Hybrid InP-TriPleX Photonic Integrated Tunable Lasers Based on Silicon Nitride (Si3N4/SiO2) Microring Resonators for Optical Coherent System― IEEE Photonics Journal, 2018, 10, 1-1.	2.0	3
21	Programmable Integrated Microwave Photonic Filter using a Modulation Transformer and a Double-Injection Ring Resonator. , 2021, , .		3
22	Reconfigurable Double-Injection Ring Resonator for Integrated Microwave Photonic Signal Processing. , 2021, , .		3
23	Broadband Continuously Tuneable Delay Microwave Photonic Beamformer for Phased Array Antennas. , 2019, , .		1
24	Broadband Continuously Tuneable Delay Microwave Photonic Beamformer for Phased Array Antennas. , 2019, , .		1
25	Simultaneous Notch Filtering and Linearization in an Integrated Microwave Photonic Circuit. , 2021, , .		1
26	Stimulated Brillouin Scattering in Multilayer Silicon Nitride Waveguides. , 2021, , .		0