

# Sen Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6295558/publications.pdf>

Version: 2024-02-01

6  
papers

1,225  
citations

1684188

5  
h-index

2053705

5  
g-index

6  
all docs

6  
docs citations

6  
times ranked

1819  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Laser-Forwarded Coherent Transceiver in 45-nm SOI CMOS Using Monolithic Microring Resonators. IEEE Journal of Solid-State Circuits, 2020, 55, 1096-1107.	5.4	12
2	A 40-Gb/s PAM-4 Transmitter Based on a Ring-Resonator Optical DAC in 45-nm SOI CMOS. IEEE Journal of Solid-State Circuits, 2017, 52, 3503-3516.	5.4	67
3	Electronic-Photonic Co-Optimization of High-Speed Silicon Photonic Transmitters. Journal of Lightwave Technology, 2017, 35, 4766-4780.	4.6	19
4	A 45 nm CMOS-SOI Monolithic Photonics Platform With Bit-Statistics-Based Resonant Microring Thermal Tuning. IEEE Journal of Solid-State Circuits, 2016, 51, 893-907.	5.4	99
5	Efficient nanoscale photonic devices and monolithic electronic-photonic subsystems in sub-100 nm SOI CMOS. , 2015, , .		0
6	Single-chip microprocessor that communicates directly using light. Nature, 2015, 528, 534-538.	27.8	1,028