

Sen Lin

List of Publications by Year in descending order

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

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