

Sajjad Moazeni

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8051894/publications.pdf>

Version: 2024-02-01

8
papers

875
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

1510
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating photonics with silicon nanoelectronics for the next generation of systems on a chip. Nature, 2018, 556, 349-354.	27.8	598
2	Monolithic silicon-photonic platforms in state-of-the-art CMOS SOI processes [Invited]. Optics Express, 2018, 26, 13106.	3.4	160
3	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
4	Electronic-Photonic Co-Optimization of High-Speed Silicon Photonic Transmitters. Journal of Lightwave Technology, 2017, 35, 4766-4780.	4.6	19
5	Fully Integrated Time-Gated 3D Fluorescence Imager for Deep Neural Imaging. IEEE Transactions on Biomedical Circuits and Systems, 2020, 14, 636-645.	4.0	12
6	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
7	A Mechanically Flexible, Implantable Neural Interface for Computational Imaging and Optogenetic Stimulation Over 5.4Å—5.4mm ² FoV. IEEE Transactions on Biomedical Circuits and Systems, 2021, 15, 1295-1305.	4.0	7
8	CMOS and plasmonics get close. Nature Electronics, 2020, 3, 302-303.	26.0	0