

Fabio Falconi

List of Publications by Year in descending order

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12
papers

105
citations

1478505

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1474206

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docs citations

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123
citing authors

#	ARTICLE	IF	CITATIONS
1	Broadband and High-Capacity Silicon Photonics Single-Sideband Modulator. Journal of Lightwave Technology, 2022, 40, 538-546.	4.6	6
2	UWB Fastly-Tunable 0.5-50 GHz RF Transmitter Based on Integrated Photonics. Journal of Lightwave Technology, 2022, 40, 1726-1734.	4.6	4
3	A Combined Radar & Lidar System Based on Integrated Photonics in Silicon-on-Insulator. Journal of Lightwave Technology, 2021, 39, 17-23.	4.6	15
4	Flexible Millimeter-Wave Carrier Generation up to the Sub-THz With Silicon Photonics Filters. Journal of Lightwave Technology, 2021, 39, 7689-7697.	4.6	6
5	Fast-Reconfigurable Microwave Photonics Phase Shifter Using Silicon Microring Resonators. IEEE Journal of Quantum Electronics, 2021, 57, 1-9.	1.9	7
6	High-Performance Beamforming Network Based on Si-Photonics Phase Shifters for Wideband Communications and Radar Applications. IEEE Journal of Selected Topics in Quantum Electronics, 2020, 26, 1-11.	2.9	6
7	High-Capacity Single-Sideband Suppressed-Carrier Modulation with Integrated Optical Filter in Silicon-on-Insulator Technology. , 2019, , .		5
8	Wideband Single-Sideband Suppressed-Carrier Modulation with Silicon Photonics Optical Filters. , 2019, , .		5
9	Widely Tunable Silicon Photonics Narrow-Linewidth Passband Filter Based on Phase-Shifted Waveguide Bragg Grating. , 2018, , .		7
10	Photonics-Assisted Beamforming for 5G Communications. IEEE Photonics Technology Letters, 2018, 30, 1826-1829.	2.5	17
11	Photonic Integrated Microwave Phase Shifter up to the mm-Wave Band With Fast Response Time in Silicon-on-Insulator Technology. Journal of Lightwave Technology, 2018, 36, 4494-4500.	4.6	21
12	Dual use architecture for innovative lidar and free space optical communications. Applied Optics, 2017, 56, 8811.	1.8	6