Xu Wang

List of Publications by Year
in descending order

15 papers	634 citations	1478505 6 h-index	1872680 6 g-index
15 all docs	15 docs citations	15 times ranked	678 citing authors

#	Article	IF	Citations
1	Narrow-band waveguide Bragg gratings on SOI wafers with CMOS-compatible fabrication process. Optics Express, 2012, 20, 15547.	3.4	246
2	Wideband dynamic microwave frequency identification system using a low-power ultracompact silicon photonic chip. Nature Communications, 2016, 7, 13004.	12.8	91
3	Silicon Photonic Circuit Design Using Rapid Prototyping Foundry Process Design Kits. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-26.	2.9	62
4	Silicon photonic slot waveguide Bragg gratings and resonators. Optics Express, 2013, 21, 19029.	3.4	58
5	Uniform and Sampled Bragg Gratings in SOI Strip Waveguides with Sidewall Corrugations. IEEE Photonics Technology Letters, 2011, , .	2.5	55
6	A silicon photonic biosensor using phase€shifted Bragg gratings in slot waveguide. Journal of Biophotonics, 2013, 6, 821-828.	2.3	51
7	Narrow-band transmission filter using phase-shifted Bragg gratings in SOI waveguide. , 2011, , .		24
8	Lithography simulation for the fabrication of silicon photonic devices with deep-ultraviolet lithography. , 2012, , .		19
9	On-chip ultra-wideband microwave photonic phase shifter and true time delay line based on a single phase-shifted waveguide Bragg grating. , 2013, , .		9
10	Silicon-on-insulator Bragg gratings fabricated by deep UV lithography. , 2010, , .		7
11	Electrically tunable resonant filters in phase-shifted contra-directional couplers. , 2012, , .		5
12	Single-band add-drop filters using anti-reflection, contra-directional couplers. , 2012, , .		3
13	Silicon photonic Bragg grating modulators. , 2014, , .		3
14	Multi-period Bragg gratings in silicon waveguides. , 2013, , .		1
15	Interference effects on the frequency response of injection-locked VCSELs. , 2010, , .		0