

Kevin Luke

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

1,502
citations

18
h-index

30
g-index

30
ext. papers

2,007
ext. citations

4.2
avg, IF

4.67
L-index

#	Paper	IF	Citations
21	Broadband mid-infrared frequency comb generation in a Si(3)N(4) microresonator. <i>Optics Letters</i> , 2015 , 40, 4823-6	3	279
20	Thermally controlled comb generation and soliton modelocking in microresonators. <i>Optics Letters</i> , 2016 , 41, 2565-8	3	182
19	On-chip dual-comb source for spectroscopy. <i>Science Advances</i> , 2018 , 4, e1701858	14.3	155
18	Overcoming SiN film stress limitations for high quality factor ring resonators. <i>Optics Express</i> , 2013 , 21, 22829-33	3.3	119
17	On-Chip Optical Squeezing. <i>Physical Review Applied</i> , 2015 , 3,	4.3	112
16	Octave-spanning coherent supercontinuum generation in a silicon nitride waveguide. <i>Optics Letters</i> , 2015 , 40, 5117-20	3	99
15	Bandwidth shaping of microresonator-based frequency combs via dispersion engineering. <i>Optics Letters</i> , 2014 , 39, 3535-8	3	82
14	High Coupling Efficiency Etched Facet Tapers in Silicon Waveguides. <i>IEEE Photonics Technology Letters</i> , 2014 , 26, 2380-2382	2.2	76
13	Tunable frequency combs based on dual microring resonators. <i>Optics Express</i> , 2015 , 23, 21527-40	3.3	60
12	Gigahertz frequency comb offset stabilization based on supercontinuum generation in silicon nitride waveguides. <i>Optics Express</i> , 2016 , 24, 11043-53	3.3	60
11	On-chip frequency comb generation at visible wavelengths via simultaneous second- and third-order optical nonlinearities. <i>Optics Express</i> , 2014 , 22, 26517-25	3.3	56
10	Breaking voltage bandwidth limits in integrated lithium niobate modulators using micro-structured electrodes. <i>Optica</i> , 2021 , 8, 357	8.6	45
9	Dual-pumped degenerate Kerr oscillator in a silicon nitride microresonator. <i>Optics Letters</i> , 2015 , 40, 5267-70	3	42
8	Tunable squeezing using coupled ring resonators on a silicon nitride chip. <i>Optics Letters</i> , 2016 , 41, 223-6	3	30
7	Dynamics of mode-coupling-induced microresonator frequency combs in normal dispersion. <i>Optics Express</i> , 2016 , 24, 28794-28803	3.3	27
6	Broadband parametric frequency comb generation with a 1-fs pump source. <i>Optics Express</i> , 2012 , 20, 26935-41	3.3	26
5	Counter-rotating cavity solitons in a silicon nitride microresonator. <i>Optics Letters</i> , 2018 , 43, 547-550	3	26

4	Quantum random number generator using a microresonator-based Kerr oscillator. <i>Optics Letters</i> , 2016 , 41, 4194-7	3	22
3	Monolithic Source of Tunable Narrowband Photons for Future Quantum Networks 2015 ,		3
2	Broadband Mid-Infrared Frequency Comb Generation in a Si ₃ N ₄ Microresonator 2015 ,		1
1	Breaking voltage-bandwidth limits in integrated lithium niobate modulators using micro-structured electrodes: erratum. <i>Optica</i> , 2021 , 8, 1218		8.6