

# Kevin Luke

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/12205315/kevin-luke-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Breaking voltage-bandwidth limits in integrated lithium niobate modulators using micro-structured electrodes. <i>Optica</i> , <b>2021</b> , 8, 357	8.6	45
20	Breaking voltage-bandwidth limits in integrated lithium niobate modulators using micro-structured electrodes: erratum. <i>Optica</i> , <b>2021</b> , 8, 1218	8.6	
19	On-chip dual-comb source for spectroscopy. <i>Science Advances</i> , <b>2018</b> , 4, e1701858	14.3	155
18	Counter-rotating cavity solitons in a silicon nitride microresonator. <i>Optics Letters</i> , <b>2018</b> , 43, 547-550	3	26
17	Gigahertz frequency comb offset stabilization based on supercontinuum generation in silicon nitride waveguides. <i>Optics Express</i> , <b>2016</b> , 24, 11043-53	3.3	60
16	Tunable squeezing using coupled ring resonators on a silicon nitride chip. <i>Optics Letters</i> , <b>2016</b> , 41, 223-63		30
15	Dynamics of mode-coupling-induced microresonator frequency combs in normal dispersion. <i>Optics Express</i> , <b>2016</b> , 24, 28794-28803	3.3	27
14	Thermally controlled comb generation and soliton modelocking in microresonators. <i>Optics Letters</i> , <b>2016</b> , 41, 2565-8	3	182
13	Quantum random number generator using a microresonator-based Kerr oscillator. <i>Optics Letters</i> , <b>2016</b> , 41, 4194-7	3	22
12	Tunable frequency combs based on dual microring resonators. <i>Optics Express</i> , <b>2015</b> , 23, 21527-40	3.3	60
11	On-Chip Optical Squeezing. <i>Physical Review Applied</i> , <b>2015</b> , 3,	4.3	112
10	Octave-spanning coherent supercontinuum generation in a silicon nitride waveguide. <i>Optics Letters</i> , <b>2015</b> , 40, 5117-20	3	99
9	Broadband mid-infrared frequency comb generation in a Si(3)N(4) microresonator. <i>Optics Letters</i> , <b>2015</b> , 40, 4823-6	3	279
8	Dual-pumped degenerate Kerr oscillator in a silicon nitride microresonator. <i>Optics Letters</i> , <b>2015</b> , 40, 5263-70		42
7	Monolithic Source of Tunable Narrowband Photons for Future Quantum Networks <b>2015</b> ,		3
6	Broadband Mid-Infrared Frequency Comb Generation in a Si3N4 Microresonator <b>2015</b> ,		1
5	Bandwidth shaping of microresonator-based frequency combs via dispersion engineering. <i>Optics Letters</i> , <b>2014</b> , 39, 3535-8	3	82

4	On-chip frequency comb generation at visible wavelengths via simultaneous second- and third-order optical nonlinearities. <i>Optics Express</i> , <b>2014</b> , 22, 26517-25	3.3	56
3	High Coupling Efficiency Etched Facet Tapers in Silicon Waveguides. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 2380-2382	2.2	76
2	Overcoming SiN film stress limitations for high quality factor ring resonators. <i>Optics Express</i> , <b>2013</b> , 21, 22829-33	3.3	119
1	Broadband parametric frequency comb generation with a 1- $\mu$ m pump source. <i>Optics Express</i> , <b>2012</b> , 20, 26935-41	3.3	26