Abijith Kowligy

List of Publications by Year in descending order

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623734 888059 23 745 14 17 citations g-index h-index papers 23 23 23 833 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	A six-octave optical frequency comb from a scalable few-cycle erbium fibre laser. Nature Photonics, 2021, 15, 281-286.	31.4	63
2	Broadband ultraviolet-visible frequency combs from cascaded high-harmonic generation in quasi-phase-matched waveguides. Journal of the Optical Society of America B: Optical Physics, 2021, 38, 2252.	2.1	23
3	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> <mml:msup><mml:mi></mml:mi></mml:msup>	52 ⁷ 78 (stre	tcå9="false">
4	Letters, 2020, 124, 133904. Mid-infrared frequency comb with 6.7 W average power based on difference frequency generation. Optics Letters, 2020, 45, 1248.	3.3	15
5	All-fiber frequency comb at 2  Âμm providing 1.4-cycle pulses. Optics Letters, 2020, 45, 2660.	3.3	12
6	Mid-infrared frequency combs at 10  GHz. Optics Letters, 2020, 45, 3677.	3.3	24
7	Fully phase-stabilized 1 GHz turnkey frequency comb at 156 µm. OSA Continuum, 2020, 3, 2070.	1.8	21
8	6-octave UV to MIR frequency comb driven by a <10 fs Er:fiber laser. , 2020, , .		0
9	Self-organized nonlinear gratings for ultrafast nanophotonics. Nature Photonics, 2019, 13, 494-499.	31.4	60
10	Multifunctional integrated photonics in the mid-infrared with suspended AlGaAs on silicon. Optica, 2019, 6, 1246.	9.3	41
11	Infrared frequency comb generation and spectroscopy with suspended silicon nanophotonic waveguides. Optica, 2019, 6, 1269.	9.3	39
12	Frequency-stabilized 1 GHz turnkey frequency comb., 2019,,.		1
13	Noise and Sensitivity in Electric-Field-Sampled Infrared Frequency Comb Spectroscopy. , 2019, , .		0
14	Hyperspectral Microscopy with Broadband Infrared Frequency Combs., 2019,,.		0
15	Si-chip frequency combs with 2-octaves bandwidth for longwave-IR gas and liquid dual-comb spectroscopy., 2019,,.		O
16	Versatile silicon-waveguide supercontinuum for coherent mid-infrared spectroscopy. APL Photonics, 2018, 3, .	5.7	37
17	Nonlinear Optics: Heterogeneously Integrated GaAs Waveguides on Insulator for Efficient Frequency Conversion (Laser Photonics Rev. 12(10)/2018). Laser and Photonics Reviews, 2018, 12, 1870044.	8.7	4
18	Molecular fingerprinting with bright, broadband infrared frequency combs. Optica, 2018, 5, 727.	9.3	160

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#	Article	IF	CITATIONS
19	Tunable mid-infrared generation via wide-band four-wave mixing in silicon nitride waveguides. Optics Letters, 2018, 43, 4220.	3.3	24
20	Mid-infrared frequency comb generation via cascaded quadratic nonlinearities in quasi-phase-matched waveguides. Optics Letters, 2018, 43, 1678.	3.3	43
21	Coherent on-chip frequency combs spanning 1.5-7.5 νm for dual-comb spectroscopy. , 2018, , .		1
22	Ultrabroadband Supercontinuum Generation and Frequency-Comb Stabilization Using On-Chip Waveguides with Both Cubic and Quadratic Nonlinearities. Physical Review Applied, 2017, 8, .	3.8	90
23	High-harmonic generation in periodically poled waveguides. Optica, 2017, 4, 1538.	9.3	48