

Tengfei Hao

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

840
citations

567281

15
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

484
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking the limitation of mode building time in an optoelectronic oscillator. Nature Communications, 2018, 9, 1839.	12.8	140
2	Integrated optoelectronic oscillator. Optics Express, 2018, 26, 12257.	3.4	87
3	Recent advances in optoelectronic oscillators. Advanced Photonics, 2020, 2, 1.	11.8	83
4	Observation of parity-time symmetry in microwave photonics. Light: Science and Applications, 2018, 7, 38.	16.6	82
5	Toward Monolithic Integration of OEOs: From Systems to Chips. Journal of Lightwave Technology, 2018, 36, 4565-4582.	4.6	64
6	Dual-chirp Fourier domain mode-locked optoelectronic oscillator. Optics Letters, 2019, 44, 1912.	3.3	46
7	Microwave photonics frequency-to-time mapping based on a Fourier domain mode locked optoelectronic oscillator. Optics Express, 2018, 26, 33582.	3.4	44
8	Tunable Fourier Domain Mode-Locked Optoelectronic Oscillator Using Stimulated Brillouin Scattering. IEEE Photonics Technology Letters, 2018, 30, 1842-1845.	2.5	34
9	Tutorial on optoelectronic oscillators. APL Photonics, 2021, 6, .	5.7	32
10	Harmonically Fourier Domain Mode-Locked Optoelectronic Oscillator. IEEE Photonics Technology Letters, 2019, 31, 427-430.	2.5	27
11	Multiple-frequency measurement based on a Fourier domain mode-locked optoelectronic oscillator operating around oscillation threshold. Optics Letters, 2019, 44, 3062.	3.3	27
12	Broadband random optoelectronic oscillator. Nature Communications, 2020, 11, 5724.	12.8	26
13	A reconfigurable microwave photonic filter with flexible tunability using a multi-wavelength laser and a multi-channel phase-shifted fiber Bragg grating. Optics Communications, 2018, 407, 27-32.	2.1	23
14	Photonic generation of multiband and multi-format microwave signals based on a single modulator. Optics Letters, 2020, 45, 6190.	3.3	19
15	Optoelectronic parametric oscillator. Light: Science and Applications, 2020, 9, 102.	16.6	18
16	Detection of wideband low-power RF signals using a stimulated Brillouin scattering-based optoelectronic oscillator. Optics Communications, 2019, 439, 133-136.	2.1	17
17	Fourier domain mode locked optoelectronic oscillator based on the deamplification of stimulated Brillouin scattering. OSA Continuum, 2018, 1, 408.	1.8	15
18	Photonic Generation and Transmission of Dual-Band Dual-Chirp Microwave Waveforms at C-Band and X-Band With Elimination of Power Fading. IEEE Photonics Journal, 2021, 13, 1-9.	2.0	13

#	ARTICLE	IF	CITATIONS
19	Microwave photonic injection locking frequency divider based on a tunable optoelectronic oscillator. Optics Express, 2021, 29, 684.	3.4	10
20	Photonic Generation of Phase-Coded Microwave Signals Based on Fourier Domain Mode Locking. IEEE Photonics Technology Letters, 2021, 33, 433-436.	2.5	9
21	Tb/s Fast Random Bit Generation Based on a Broadband Random Optoelectronic Oscillator. IEEE Photonics Technology Letters, 2021, 33, 1223-1226.	2.5	5
22	Bandwidth superposition of linearly chirped microwave waveforms based on a Fourier domain mode-locked optoelectronic oscillator. Optics Express, 2021, 29, 36977.	3.4	4
23	Dissipative microwave photonic solitons in spontaneous frequency-hopping optoelectronic oscillators. Photonics Research, 2022, 10, 1280.	7.0	4
24	An integrated optoelectronic oscillator. , 2017, , .		3
25	Photonic Generation of Multi-Format Radar Waveforms Based on an Integrated Silicon IQ Modulator. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-7.	2.9	3
26	Dual-Functional Transmitter for Simultaneous RF/LFM Signal Using a Monolithic Integrated DFB Array. IEEE Photonics Technology Letters, 2020, 32, 239-242.	2.5	2
27	A Compact Multifrequency Measurement System Based on an Integrated Frequency-Scanning Generator. Applied Sciences (Switzerland), 2020, 10, 8571.	2.5	2
28	Recent advances in optoelectronic oscillators and quantum microwave photonics. , 2021, , .		1
29	Broadband frequency-doubled linearly chirped microwave waveform generation based on Fourier domain mode-locked optoelectronic oscillator. , 2021, , .		0