

Qiang Hao

List of Publications by Year in descending order

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papers

402
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759233

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36
docs citations

36
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	Mid-infrared photon counting and resolving via efficient frequency upconversion. <i>Photonics Research</i> , 2021, 9, 259.	7.0	37
2	Low-threshold and broadly tunable lasers of Yb ³⁺ -doped yttrium lanthanum oxide ceramic. <i>Applied Physics Letters</i> , 2008, 92, 211106.	3.3	28
3	Low-repetition-rate all-fiber integrated optical parametric oscillator for coherent anti-Stokes Raman spectroscopy. <i>Optics Express</i> , 2018, 26, 17519.	3.4	26
4	Mid-Infrared Single-Photon Edge Enhanced Imaging Based on Nonlinear Vortex Filtering. <i>Laser and Photonics Reviews</i> , 2021, 15, 2100189.	8.7	24
5	High-power Yb-doped fiber amplification synchronized with a few-cycle Ti:sapphire laser. <i>Optics Express</i> , 2009, 17, 5815.	3.4	23
6	Optimization of an NALM Mode-Locked All-PM Er:Fiber Laser System. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 2119-2122.	2.5	21
7	Passive all-optical synchronization for polarization-maintaining mode-locked fiber lasers. <i>Optics Express</i> , 2018, 26, 32184.	3.4	21
8	Laser-diode pumped 40-W Yb:YAG ceramic laser. <i>Optics Express</i> , 2009, 17, 17734.	3.4	18
9	Polarization switch of four-wave mixing in a tunable fiber optical parametric oscillator. <i>Optics Express</i> , 2018, 26, 2995.	3.4	18
10	Self-Started Mode-Locking With Dispersion-Imbalanced Nonlinear Amplifier Loop. <i>IEEE Photonics Technology Letters</i> , 2016, 28, 87-90.	2.5	16
11	Surface-Enhanced Dual-Comb Coherent Raman Spectroscopy with Nanoporous Gold Films. <i>Laser and Photonics Reviews</i> , 2018, 12, 1800096.	8.7	15
12	Environmentally stable Er-fiber mode-locked pulse generation and amplification by spectrally filtered and phase-biased nonlinear amplifying long-loop mirror. <i>High Power Laser Science and Engineering</i> , 2019, 7, .	4.6	14
13	All-Optical High-Precision Repetition Rate Locking of an Yb-Doped Fiber Laser. <i>IEEE Photonics Technology Letters</i> , 2015, 27, 852-855.	2.5	13
14	Three-Dimensional Cross-Coupled Silicon Nitride Racetrack Resonator-Based Tunable Optical Filter. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 771-774.	2.5	12
15	Tunable Femtosecond Laser From 965 to 1025 nm in Fiber Optical Parametric Oscillator. <i>IEEE Photonics Technology Letters</i> , 2018, 30, 607-610.	2.5	12
16	All-Optical 20-1/4Hz-Level Repetition Rate Stabilization of Mode Locking With a Nonlinear Amplifying Loop Mirror. <i>Journal of Lightwave Technology</i> , 2016, 34, 2833-2837.	4.6	11
17	Octave-Spanning Supercontinuum Generation From an NALM Mode-Locked Yb-Fiber Laser System. <i>IEEE Photonics Journal</i> , 2017, 9, 1-7.	2.0	11
18	Highly efficient difference-frequency generation for mid-infrared pulses by passively synchronous seeding. <i>High Power Laser Science and Engineering</i> , 2021, 9, .	4.6	11

#	ARTICLE	IF	CITATIONS
19	Self-starting dropout-free harmonic mode-locked soliton fiber laser with a low timing jitter. Optics Letters, 2017, 42, 2330.	3.3	10
20	Self-Tuning Mode-Locked Fiber Lasers Based on Prior Collection of Polarization Settings. IEEE Photonics Technology Letters, 2017, 29, 1719-1722.	2.5	8
21	Fiber-based optical parametric oscillator with flexible repetition rates by rational harmonic pumping. Optics Express, 2019, 27, 4897.	3.4	8
22	Coincidence-Pumping Upconversion Detector Based on Passively Synchronized Fiber Laser System. IEEE Photonics Technology Letters, 2020, 32, 184-187.	2.5	7
23	Fiber Optical Parametric Oscillator and Amplifier for CARS Spectroscopy. IEEE Photonics Technology Letters, 2018, 30, 967-970.	2.5	6
24	Adaptive Dual-Comb Spectroscopy With 1200-h Continuous Operation Stability. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	6
25	A two-stage optical parametric amplifier for femtosecond fiber laser generation at 920 nm. Optics Communications, 2018, 425, 166-171.	2.1	5
26	All-Normal-Dispersion Mode-Locked Fiber Laser With a Tunable Angle-Spliced Polarization-Maintaining Fiber Lyot Filter. IEEE Photonics Journal, 2021, 13, 1-8.	2.0	4
27	Coherent Polarization Beam Combination by Microcontroller-Based Phase-Locking Method. IEEE Photonics Technology Letters, 2016, 28, 2129-2132.	2.5	3
28	Rapid thermal sensors with high resolution based on an adaptive dual-comb system. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 674-684.	2.6	3
29	Observation of Soliton Molecules in NPR Mode-Locked Er-Fiber Laser via Birefringence Management. IEEE Photonics Technology Letters, 2019, 31, 639-642.	2.5	3
30	Fast tunable all-polarization-maintaining supercontinuum fiber laser for CARS microscopy. Applied Physics Express, 2021, 14, 062004.	2.4	3
31	Femtosecond Red and Near-Infrared Lasers Due to Cascaded-Raman-Assisted Four-Wave Mixing in a Nonlinear Yb-Doped Fiber Amplifier. Applied Sciences (Switzerland), 2020, 10, 669.	2.5	2
32	Femtosecond Green Light Generation Using a MgO-Doped Periodically Poled Lithium Niobate Crystal Pumped by a Yb-Doped Fiber Laser. Applied Sciences (Switzerland), 2022, 12, 1391.	2.5	2
33	Generation of tunable picosecond pulses by pulse stacking in an Yb-fiber gain-assisted pulse stacker. Optics Express, 2009, 17, 18894.	3.4	1
34	Compact All-PM-fiber Er-laser mode-locked by a phase-biased nonlinear amplifier loop mirror. , 2017, , .		0
35	Multi-color tunable laser source based on fiber optical parametric oscillator. , 2017, , .		0
36	Environmentally Stable 1.56- μ m Femtosecond Laser System With Discontinuous Selectable Repetition Rate. IEEE Photonics Journal, 2020, 12, 1-7.	2.0	0