Wei Shi

List of Publications by Year
in descending order

39	537	759233 12	677142 22
papers	citations	h-index	g-index

39	39	39	403
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polarization-Maintaining Performance of Solid-Core Anti-Resonant Fiber With Nested Circular Tubes in 3 Î¼m Wavelength. Journal of Lightwave Technology, 2022, 40, 1137-1143.	4.6	5
2	Theoretical and Experimental Investigation of Intracavity Displacement-Sensor Based on All-Single-Mode Fiber. Journal of Lightwave Technology, 2022, 40, 2585-2593.	4.6	6
3	Intracavity Tandemly-Pumped and Gain-Switched Tm-doped Fiber Laser at 1.7 Î¼m. Journal of Lightwave Technology, 2022, 40, 4373-4378.	4.6	7
4	2.56â€‰W Singleâ€Frequency Allâ€Fiber Oscillator at 1720â€‰nm. Advanced Photonics Research, 2022, 3, .	3.6	12
5	A fast response, self-powered and room temperature near infrared-terahertz photodetector based on a MAPbI₃/PEDOT:PSS composite. Journal of Materials Chemistry C, 2020, 8, 12148-12154.	5.5	41
6	Theoretical Modeling of Multi-Channel Intracavity Spectroscopy Technology Based on Mode Competition in Er-Doped Fiber Ring Laser Cavity. Sensors, 2020, 20, 2539.	3.8	5
7	Power scaling and spectral linewidth suppression of hybrid Brillouin/thulium fiber laser. Optics Express, 2020, 28, 2948.	3.4	21
8	A Simulation of Non-Simultaneous Ice Crushing Force for Wind Turbine Towers with Large Slopes. Energies, 2019, 12, 2608.	3.1	8
9	Enhanced Terahertz Wave Generation via Stokes Wave Recycling in Non-Synchronously Picosecond Pulse Pumped Terahertz Source. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	5
10	Efficient Terahertz Generation Via GaAs Hybrid Ridge Waveguides. IEEE Photonics Technology Letters, 2019, 31, 1666-1669.	2.5	3
11	Hundred-watts-level monolithic narrow linewidth linearly-polarized fiber laser at 1018Ânm. Optical Engineering, 2019, 58, 1.	1.0	5
12	High-Resolution Temperature Sensor Based on Single-Frequency Ring Fiber Laser via Optical Heterodyne Spectroscopy Technology. Sensors, 2018, 18, 3245.	3.8	22
13	Theoretical Study of Organic Crystal-Based Terahertz-Wave Difference Frequency Generation and Up-Conversion Detection. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 1005-1014.	2.2	9
14	Compact Hundred-mW $2~mu ext{m}$ Single-Frequency Thulium-Doped Silica Fiber Laser. IEEE Photonics Technology Letters, 2017, 29, 853-856.	2.5	12
15	General description and understanding of the nonlinear dynamics of mode-locked fiber lasers. Scientific Reports, 2017, 7, 1292.	3.3	12
16	Optically pumped terahertz sources. Science China Technological Sciences, 2017, 60, 1801-1818.	4.0	44
17	Compact and Flexible Dual-Wavelength Laser Generation in Coaxial Diode-End-Pumped Configuration. IEEE Photonics Journal, 2017, 9, 1-10.	2.0	9
18	5 kW Near-Diffraction-Limited and 8 kW High-Brightness Monolithic Continuous Wave Fiber Lasers Directly Pumped by Laser Diodes. IEEE Photonics Journal, 2017, 9, 1-7.	2.0	43

#	Article	IF	Citations
19	Optical coefficients extraction from terahertz time-domain transmission spectra based on multibeam interference principle. Optical Engineering, 2017, 56, 044101.	1.0	6
20	Compact High-Repetition-Rate Monochromatic Terahertz Source Based on Difference Frequency Generation from a Dual-Wavelength Nd:YAG Laser and DAST Crystal. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 87-95.	2.2	16
21	Widely Tunable High-Repetition-Rate Terahertz Generation Based on an Efficient Doubly Resonant Type-II PPLN OPO. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	6
22	Green laser induced terahertz tuning range expanding in KTiOPO4 terahertz parametric oscillator. Applied Physics Letters, 2016, 108, .	3.3	32
23	Efficient and widely-tunable THz-wave difference frequency generation with organic crystals DSTMS and OH1. , 2016, , .		0
24	Single-frequency distributed Bragg reflector Nd doped silica fiber laser at 930â€‰â€‰nm. Optics Letters, 2016, 41, 1829.	3.3	39
25	High-Repetition-Rate Terahertz Generation in QPM GaAs With a Compact Efficient 2-<inline-formula> <tex-math notation="LaTeX">$mu ext{m}$ </tex-math> </inline-formula> KTP OPO. IEEE Photonics Technology Letters, 2016, 28, 1501-1504.	2.5	17
26	ASE Suppression in Backward-Pumped Er/Yb Double-Cladding Fiber Amplifier via Cladding Feedback. IEEE Photonics Journal, 2016, 8, 1-7.	2.0	4
27	High-Power High-Brightness Terahertz Source Based on Nonlinear Optical Crystal Fiber. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 360-364.	2.9	5
28	Slowing and trapping THz waves system based on plasmonic graded period grating. Journal of Optics (India), 2016, 45, 50-57.	1.7	6
29	Single-frequency fiber laser at 1950â€‰â€‰nm based on thulium-doped silica fiber. Optics Letters, 2015, 40, 5283.	3.3	35
30	Broadband enhanced hyperspectral coherent anti-stokes Raman scattering by gold shell particles and gold surface. , 2015, , .		0
31	High-Power All-Fiber Single-Frequency Erbiumâ€“Ytterbium Co-Doped Fiber Master Oscillator Power Amplifier. IEEE Photonics Journal, 2015, 7, 1-6.	2.0	12
32	Terahertz fiber laser based on a novel crystal fiber converter. , 2015, , .		0
33	Real propagation speed of the ultraslow plasmonic THz waveguide. Applied Physics B: Lasers and Optics, 2014, 114, 503-507.	2.2	3
34	978 nm Single Frequency Actively <inline-formula> <tex-math notation="TeX">Q </tex-math></inline-formula>-Switched All Fiber Laser. IEEE Photonics Technology Letters, 2014, 26, 874-876.	2.5	13
35	700-kW-Peak-Power Monolithic Nanosecond Pulsed Fiber Laser. IEEE Photonics Technology Letters, 2014, 26, 1676-1678.	2.5	10
36	The research of THz enhancement transmittance based on metamaterials. , 2013, , .		0

#	Article	IF	Citations
37	Cherenkov phase-matched monochromatic THz difference frequency generation in LiNbO<inf>3</inf> crystal. , 2013, , .		0
38	High power monolithic pulsed fiber lasers in nanosecond regime for nonlinear frequency applications. , 2012, , .		0
39	220â€‰Î¼J monolithic single-frequency Q-switched fiber laser at 2â€‰Î¼mby using highly Tm-doped germanate fibers. Optics Letters, 2011, 36, 3575.	3.3	64