Changsheng Yang

List of Publications by Year
in descending order

24 papers	872 citations	567281 15 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	497 citing authors

#	Article	IF	Citations
1	400 mW ultrashort cavity low-noise single-frequency Yb^3+-doped phosphate fiber laser. Optics Letters, 2011, 36, 3708.	3.3	185
2	3ÂGHz, fundamentally mode-locked, femtosecond Yb-fiber laser. Optics Letters, 2012, 37, 3522.	3.3	94
3	Tm^3+ doped barium gallo-germanate glass single-mode fibers for 20 Î¼m laser. Optics Express, 2015, 23, 7722.	3.4	93
4	Low noise single-frequency single-polarization ytterbium-doped phosphate fiber laser at 1083Ânm. Optics Letters, 2013, 38, 501.	3.3	76
5	195 Î¼m kHz-linewidth single-frequency fiber laser using self-developed heavily Tm^3+-doped germanate glass fiber. Optics Express, 2013, 21, 20800.	3.4	71
6	Broad-bandwidth near-shot-noise-limited intensity noise suppression of a single-frequency fiber laser. Optics Letters, 2016, 41, 1333.	3.3	47
7	High-efficiency sub-watt in-band-pumped single-frequency DBR Tm³⁺-doped germanate fiber laser at 1950 nm. Optics Express, 2018, 26, 6817.	3.4	37
8	1120 nm kHz-linewidth single-polarization single-frequency Yb-doped phosphate fiber laser. Optics Express, 2016, 24, 29794.	3.4	35
9	Real-time frequency-encoded spatiotemporal focusing through scattering media using a programmable 2D ultrafine optical frequency comb. Science Advances, 2020, 6, eaay1192.	10.3	34
10	109 W kHz-linewidth one-stage all-fiber linearly-polarized MOPA laser at 1560 nm. Optics Express, 2013, 21, 12546.	3.4	28
11	Sub-kHz-Linewidth Wavelength-Tunable Single-Frequency Ring-Cavity Fiber Laser for C- and L-Band Operation. Journal of Lightwave Technology, 2021, 39, 4794-4799.	4.6	28
12	Tm³⁺-doped barium gallo-germanate glass single-mode fiber with high gain per unit length for ultracompact 1.95 Âµm laser. Applied Physics Express, 2018, 11, 032701.	2.4	22
13	Short all Tm-doped germanate glass fiber MOPA single-frequency laser at 195 Î¼m. Optics Express, 2016, 24, 10956.	3.4	20
14	Emerging and perspectives in microlasers based on rare-earth ions activated micro-/nanomaterials. Progress in Materials Science, 2021, 121, 100814.	32.8	18
15	Short-Wavelength, in-Band-Pumped Single- Frequency DBR Tm³⁺-Doped Germanate Fiber Laser at 1.7 <i>Î¼</i>m. IEEE Photonics Technology Letters, 2021, 33, 350-353.	2.5	15
16	Dual-wavelength passively q-switched single-frequency fiber laser. Optics Express, 2016, 24, 16149.	3.4	13
17	Self-injection locked and semiconductor amplified ultrashort cavity single-frequency Yb^3+-doped phosphate fiber laser at 978 nm. Optics Express, 2017, 25, 1535.	3.4	12
18	Gain-Switched Single-Frequency DBR Pulsed Fiber Laser at 2.0 Î¼m. IEEE Photonics Technology Letters, 2022, 34, 255-258.	2.5	11

#	Article	IF	Citations
19	Intensity-noise suppression in 1950-nm single-frequency fiber laser by bidirectional amplifier configuration. Optics Letters, 2020, 45, 5484.	3.3	9
20	Multi-Wavelength, Passively Q-Switched, Single-Frequency Fiber Laser. IEEE Photonics Technology Letters, 2019, 31, 1479-1482.	2.5	8
21	Compact passively Q-switched single-frequency distributed Bragg reflector fiber laser at 2.0â€‰â€‰Âµm. Applied Optics, 2021, 60, 10684.	1.8	7
22	Ultra-compact all-fiber narrow-linewidth single-frequency blue laser at 489 nm. Journal of Optics (United Kingdom), 2018, 20, 025803.	2.2	6
23	High-Precision Tunable Single-Frequency Fiber Laser at 1.5 Î¼m Based on Self-Injection Locking. IEEE Photonics Technology Letters, 2022, 34, 633-636.	2.5	2
24	Continuously spacing-tunable multi-wavelength single-frequency fiber laser based on cascaded four-wave mixing at 1.06 Î¼m. Journal of Optics (United Kingdom), 2021, 23, 095502.	2.2	1