Mali Gong

List of Publications by Year
in descending order

29 papers	289 citations	1040056 9 h-index	888059 17 g-index
29 all docs	29 docs citations	29 times ranked	203 citing authors

#	Article	IF	Citations
1	High Power Self-Q-Switching in Nd:LuAG Laser. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	91
2	High Energy and High Peak Power Nanosecond Pulses Generated by Fiber Amplifier. IEEE Photonics Technology Letters, 2014, 26, 2295-2298.	2.5	26
3	A 1150-W 1018-nm Fiber Laser Bidirectional Pumped by Wavelength-Stabilized Laser Diodes. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6.	2.9	23
4	Direct-liquid-cooled Nd:YAG thin disk laser oscillator. Applied Physics B: Lasers and Optics, 2013, 111, 517-521.	2.2	20
5	High repetition rate dual-rod acousto-optics Q-switched composite Nd:YVO4 laser. Optics Express, 2009, 17, 21956.	3.4	18
6	High Energy (100 mJ) and High Peak Power (8 MW) Nanosecond Pulses Delivered by Fiber Lasers and Self-Focusing Analysis Based on a Novel Mode Decomposition Method. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6.	2.9	15
7	Efficient corner-pumped Yb:YAG/YAG composite slab laser. Applied Optics, 2006, 45, 3806.	2.1	13
8	2 MHz AO Q-switched ${m TEM}_{00}$ Grazing Incidence Laser With 3 at.% Neodymium Doped Nd:YVO$_{4}$. IEEE Journal of Quantum Electronics, 2008, 44, 1164-1170.	1.9	13
9	Research on multi-kilowatts level tapered fiber bundle NÃ—1 pumping combiner for high power fiber laser. Frontiers of Optoelectronics, 2016, 9, 301-305.	3.7	11
10	Investigations on Transverse-Mode Competition and Beam Quality Modeling in End-Pumped Lasers. IEEE Journal of Quantum Electronics, 2008, 44, 1009-1019.	1.9	9
11	Periodicity analysis on cat-eye reflected beam profiles of optical detectors. Optical Engineering, 2017, 56, 053110.	1.0	9
12	Efficient multi-folded Nd:YVO_4 slab amplifier. Optics Express, 2008, 16, 3349.	3.4	7
13	Effects of turbulent flow field on wavefront aberration in liquid-convection-cooled disk laser oscillator. Applied Physics B: Lasers and Optics, 2015, 119, 371-380.	2.2	5
14	Determination of Thermal Lensing and Dynamic Operating Point of Quasi-Concentric Laser Resonator With Line-Shaped End-Pumping Profile: The Influence of ${m TEM}_{00}$ Beam Size. IEEE Journal of Quantum Electronics, 2010, 46, 1568-1576.	1.9	4
15	Performance of run-length limited (4, 18) code for optical storage systems. Optical and Quantum Electronics, 2004, 36, 1079-1088.	3.3	3
16	All-Fiber Mode-Locked Ring Laser With a Sagnac Filter. IEEE Photonics Technology Letters, 2011, 23, 1301-1303.	2.5	3
17	Deterioration of laser beam quality caused by cladding modes in fusion splices of double-cladding fibers. Applied Physics B: Lasers and Optics, 2015, 120, 623-629.	2.2	3
18	Chirp-coefficient bisection iteration method for phase-intensity reconstruction of chirped pulses. Optical Review, 2018, 25, 598-607.	2.0	3

#	Article	IF	Citations
19	Analysis of Transverse Mode Formation in Quasi-Three-Level Microchip Lasers. Optical and Quantum Electronics, 2005, 37, 1109-1120.	3.3	2
20	Thermal Analysis of a Novel Compact Packaged Passively Cooled Laser Diode Array. IEEE Transactions on Components and Packaging Technologies, 2008, 31, 642-649.	1.3	2
21	Design of ultrahigh energy laser amplifier system with high storage energy extraction. Applied Optics, 2013, 52, 394.	1.8	2
22	Ultrahigh-efficiency 4-J, 10-Hz, Nd:YAG quasi-continuous-wave active mirror oscillator. Applied Physics B: Lasers and Optics, 2015, 121, 453-457.	2.2	2
23	Run-Length-Limited (4, 13) Code for High Density Optical Storage Systems. Japanese Journal of Applied Physics, 2004, 43, 4202-4206.	1.5	1
24	Single-Side-Pumped Slab Laser Amplifier Chain: Design and Numerical Modeling. IEEE Journal of Quantum Electronics, 2010, 46, 1197-1205.	1.9	1
25	Double Loop Optical Buffer With Vertical 8-Figure Structure Based on a Collinear 3 $imes$ 3 Coupler. IEEE Photonics Technology Letters, 2011, 23, 1845-1847.	2.5	1
26	First experimental investigation of the amplification of a Yb-doped fiber laser pumped with 1000 and 1014-nm laser diodes. Optical Review, 2015, 22, 693-699.	2.0	1
27	Review of fiber superluminescent pulse amplifications. High Power Laser Science and Engineering, 2016, 4, .	4.6	1
28	Distributed-Side-Pumped Slab Lasers: Theoretical Design and Modeling. IEEE Journal of Quantum Electronics, 2011, 47, 479-485.	1.9	0
29	Peak-Power Instabilities of Laser Pulses Retroreflected by a Corner-Cube Retroreflector at Different Distances. Journal of Russian Laser Research, 2014, 35, 273-277.	0.6	0