Yanzhong Chen

List of Publications by Year
in descending order

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		1683354	1372195
15	88	5	10
papers	citations	h-index	g-index

16	16	16	60
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structured lens formed by a 2D square hole array in a metallic film. Optics Letters, 2008, 33, 753.	1.7	28
2	High-efficiency high-power QCW diode-side-pumped zigzag Nd:YAG ceramic slab laser. Applied Physics B: Lasers and Optics, 2013, 111, 111-116.	1.1	19
3	Compact high-efficiency 100-W-level diode-side-pumped Nd:YAG laser with linearly polarized TEM_00 mode output. Applied Optics, 2010, 49, 4576.	2.1	18
4	A 526 W Diode-Pumped Nd:YAG Ceramic Slab Laser. Chinese Physics Letters, 2011, 28, 094208.	1.3	5
5	A hybrid incoherent sequence combining of pulsed lasers based on refraction-displacement-pulsed-combining and polarization beam combining. Optics Communications, 2013, 297, 85-88.	1.0	5
6	Diode-pumped large-aperture Nd:YAG slab amplifier for high energy nanosecond pulse laser. Optics Communications, 2017, 400, 50-54.	1.0	3
7	Diode-double-face-pumped Nd:YAG ceramic slab laser amplifier with low depolarization loss. Optical Materials, 2017, 71, 125-128.	1.7	2
8	Simulation of the transient thermally induced beam quality degradationÂin end-pumped slab Yb:YAG amplifiers of hundred-mJ-level. Applied Physics B: Lasers and Optics, 2017, 123, 1.	1.1	2
9	Compact Polygonal Active-Mirror Laser With Composite Nd:YAG/YAG Gain Medium. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	2
10	Actively Q-switched laser with novel Nd:YAG/YAG polygonal active-mirror. Laser Physics, 2018, 28, 035001.	0.6	2
11	Passively Q-switched laser based on Nd:YAG/YAG Polygonal Active Mirror with timing jitter improvement. Optics Communications, 2019, 435, 81-87.	1.0	1
12	High repetition rate and high beam quality joule level Nd: YAG nanosecond laser for Thomson scattering diagnosis. Wuli Xuebao/Acta Physica Sinica, 2016, 65, 154204.	0.2	1
13	Uniform pump scheme for a LD face-pumped Nd:YAG slab amplifier. , 2016, , .		0
14	Full-aperture gain measurement of diode-pumped Nd:YAG slab laser amplifier with intensity ratio method. Optical Materials, 2017, 71, 27-30.	1.7	0
15	Investigation on efficiency declines due to spectral overlap between LDAs pump and laser medium in high power double face pumped slab laser. Results in Physics, 2018, 8, 281-285.	2.0	0