Shaoxiang Chen

List of Publications by Year
in descending order

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36	986	840119 11	887659 17
papers	citations	h-index	g-index

36	36	36	632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integration of an anti-resonant hollow-core fiber with a multimode Yb-doped fiber for high power near-diffraction-limited laser operation. Optics Express, 2022, 30, 7928.	1.7	9
2	Power stable 1.5â€“10.5â€‰â€‰Âµm cascaded mid-infrared supercontinuum laser without thulium amplifier. Optics Letters, 2021, 46, 1129.	1.7	35
3	Large-mode-area multicore Yb-doped fiber for an efficient high power 976 nm laser. Optics Express, 2021, 29, 21992.	1.7	9
4	W-type normal dispersion thulium-doped fiber-based high-energy all-fiber femtosecond laser at 1.7â€‰â€‰Âµm. Optics Letters, 2021, 46, 3637.	1.7	12
5	All-fiber High-energy 174 fs Laser at 1.78 Î¼m using parabolic W-type Normal Dispersion Thulium-doped Fiber. , 2021, , .		0
6	1725nm all-fiber SWIR CW laser using W-type Tm:Ge doped fiber. , 2021, , .		0
7	Short-wave IR ultrafast fiber laser systems: Current challenges and prospective applications. Journal of Applied Physics, 2020, 128, .	1.1	29
8	Investigation of Core Compositions for Efficient 976 nm Lasing From Step Index Large-Mode-Area Fiber. IEEE Photonics Technology Letters, 2020, 32, 1457-1460.	1.3	2
9	High-energy Pulse Generation at 1.76 Î¼m from All-fiber Laser Configuration using Normal Dispersion Thulium-doped Fiber. , 2020, , .		1
10	All-fiber short-wavelength tunable mode-locked fiber laser using normal dispersion thulium-doped fiber. Optics Express, 2020, 28, 17570.	1.7	33
11	Influence of pulse duration and repetition rate on mid-infrared cascaded supercontinuum. Optics Letters, 2020, 45, 5161.	1.7	4
12	High Energy Ultrafast Laser at 2 Î¼m Using Dispersion Engineered Thulium-Doped Fiber. IEEE Photonics Journal, 2019, 11, 1-12.	1.0	5
13	Tunable Mode-Locked Fiber Laser in 1750â€“1870nm by Bending Normal Dispersion Thulium-Doped Fiber as a Distribution Filter. , 2019, , .		0
14	Ultra-short wavelength operation of thulium-doped fiber amplifiers and lasers. Optics Express, 2019, 27, 36699.	1.7	35
15	Highly efficient Â³Tm³⁺ doped germanate large mode area single mode fiber laser. Optical Materials Express, 2019, 9, 4115.	1.6	19
16	Ultra-Short Wavelength Operation of Thulium-Doped Fibre Amplifier in the 1628â€“1655nm Waveband. , 2018, , .		0
17	1 micrometer wavelength pulse fiber laser assisted black marking on the surface of aluminum oxide. , 2015, , .		0
18	Automatic evaluation of flickering sensitivity of fluorescent lamps caused by interharmonic voltages. , 2008, , .		6

#	Article	IF	Citations
19	Identification of Capacitor Switching Transients With Consideration of Uncertain System and Component Parameters. IEEE Transactions on Power Delivery, 2008, 23, 213-220.	2.9	10
20	A Wavelet Transform Method for Characterization of Voltage Variations. , 2006, , .		1
21	A Conceptual View of Power Quality Regulation Using Market-Driven Mechanism. , 2006, , .		4
22	System Voltage Sag Performance Estimation. IEEE Transactions on Power Delivery, 2005, 20, 1738-1747.	2.9	41
23	Modeling and Analysis of Noise Effects on Broadband Power-Line Communications. IEEE Transactions on Power Delivery, 2005, 20, 630-637.	2.9	306
24	An overview of power quality state estimation. , 2005, , .		17
25	Modeling of Transfer Characteristics for the Broadband Power Line Communication Channel. IEEE Transactions on Power Delivery, 2004, 19, 1057-1064.	2.9	254
26	Characterization and modeling of in-building power lines for high-speed data transmission. IEEE Transactions on Power Delivery, 2003, 18, 69-77.	2.9	70
27	Design of step dynamic voltage regulator for power quality enhancement. IEEE Transactions on Power Delivery, 2003, 18, 1403-1409.	2.9	28
28	Development of a test bed for high-speed power line communications. , 0, , .		5
29	Characterization of power distribution lines for high-speed data transmission. , 0, , .		7
30	An analysis and implementation of step-dynamic voltage regulator. , 0, , .		3
31	Application of step-dynamic voltage regulator to single-phase system. , 0, , .		3
32	An analysis and implementation of step-dynamic voltage regulator. , 0, , .		1
33	Power quality XML markup language for enhancing the sharing of power quality data. , 0, , .		5
34	Dynamic generation of activity plan for policy-based management. , 0, , .		0
35	Estimating economic impact of voltage sags. , 0, , .		17
36	Feature selection for identification and classification of power quality disturbances. , 0, , .		15