

Bo Gao

List of Publications by Year in descending order

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27
papers

480
citations

840776

11
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794594

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27
all docs

27
docs citations

27
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in ultrafast lasers based on 2D materials as a saturable absorber. <i>Applied Physics Reviews</i> , 2019, 6, .	11.3	143
2	Generation, optimization, and application of ultrashort femtosecond pulse in mode-locked fiber lasers. <i>Progress in Quantum Electronics</i> , 2020, 71, 100264.	7.0	89
3	Computational simulation and preparation of fluorescent magnetic molecularly imprinted silica nanospheres for ciprofloxacin or norfloxacin sensing. <i>Journal of Separation Science</i> , 2014, 37, 3753-3759.	2.5	35
4	Ta4C3 MXene as a saturable absorber for femtosecond mode-locked fiber lasers. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163529.	5.5	33
5	Flexible carbon cloth based polypyrrole for an electrochemical supercapacitor. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 6373-6379.	2.2	20
6	Optoelectronic characteristics and application of black phosphorus and its analogs. <i>Frontiers of Physics</i> , 2021, 16, 1.	5.0	17
7	Design of an Ultra-Wideband Pulse Generator Based on Avalanche Transistor. , 2008, , .		16
8	Influence of gain fiber on dissipative soliton pairs in passively mode-locked fiber laser based on BP as a saturable absorber. <i>Optics Communications</i> , 2018, 410, 191-196.	2.1	16
9	Generation and categories of solitons in various mode-locked fiber lasers. <i>Optik</i> , 2020, 220, 165168.	2.9	16
10	Soliton molecules in a fiber laser mode-locked by a graphene-based saturable absorber. <i>Laser Physics</i> , 2015, 25, 075103.	1.2	15
11	Numerical simulations on influence of the saturable absorber in Er-doped fiber laser. <i>Optics Communications</i> , 2018, 410, 941-946.	2.1	15
12	Dynamic evolution of the dissipative soliton in passively mode-locked fiber laser based on black phosphorus as a new saturable absorber. <i>Optics Communications</i> , 2018, 406, 177-182.	2.1	14
13	Analysis of various soliton pulsation spectro-temporal dynamics in anomalous dispersion fiber laser. <i>Optics and Laser Technology</i> , 2022, 148, 107690.	4.6	10
14	Dissipative solitons characteristics in passively mode-locked Er-doped fiber laser based on black phosphorus as a new saturable absorber. <i>Optics Communications</i> , 2018, 406, 192-198.	2.1	9
15	Numerical simulation of two-soliton and three-soliton molecules evolution in passively mode-locked fiber laser. <i>Optik</i> , 2020, 223, 165381.	2.9	8
16	Dynamic evolution of the soliton molecules in an all-normal dispersion fiber laser. <i>Laser Physics</i> , 2017, 27, 065102.	1.2	7
17	Observation of Dissipative Bright Soliton and Dark Soliton in an All-Normal Dispersion Fiber Laser. <i>International Journal of Optics</i> , 2016, 2016, 1-7.	1.4	6
18	Spatio-spectral dynamics of soliton pulsation with breathing behavior in the anomalous dispersion fiber laser. <i>Chinese Physics B</i> , 2022, 31, 074208.	1.4	6

#	ARTICLE	IF	CITATIONS
19	Influence of pumping schemes on the characteristics of self-similar pulses in a passively mode-locked fiber laser. <i>Optical Engineering</i> , 2016, 55, 056109.	1.0	3
20	Study on the influences of system parameters on bound self-similar pulse pairs in a passively mode-locked fiber laser. <i>Journal of China Universities of Posts and Telecommunications</i> , 2013, 20, 147-151.	0.8	2
21	Experimental Study on a PZT Driver Circuit with Good Dynamic Response Characteristics. , 2008, , .		0
22	Simulation experimental analysis of PZT driver circuit. , 2011, , .		0
23	Chirp extraction of wave-breaking-free soliton in a passively mode-locked Yb-doped fiber laser based on STFT and WVD. , 2011, , .		0
24	Novel jagged-shaped ultra-wideband antenna. <i>Journal of China Universities of Posts and Telecommunications</i> , 2013, 20, 92-94.	0.8	0
25	Study on the chaotic dynamics of the mode-locked fiber ring laser. <i>Journal of China Universities of Posts and Telecommunications</i> , 2013, 20, 104-108.	0.8	0
26	Influences of finite gain bandwidth on dissipative solitons in passively mode-locked Er-doped fiber laser. <i>Journal of China Universities of Posts and Telecommunications</i> , 2014, 21, 115-118.	0.8	0
27	Dynamics of dissipative soliton and conventional soliton in passively mode-locked erbium-doped fiber laser. <i>Microwave and Optical Technology Letters</i> , 2023, 65, 1192-1199.	1.4	0