

Hanshuo Wu

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

453
citations

840776

11
h-index

752698

20
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40
all docs

40
docs citations

40
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	1.5 kW fiber amplifier employing home-made large-mode-area single trench fiber. , 2022, , .		2
2	More than 5 kW counter tandem pumped fiber amplifier with near single-mode beam quality. Optics and Laser Technology, 2022, 153, 108204.	4.6	14
3	Bidirectional tandem-pumped high-brightness 6 kW level narrow-linewidth confined-doped fiber amplifier exploiting the side-coupled technique. Optics Express, 2022, 30, 21338.	3.4	15
4	First Demonstration of a Bidirectional Tandem-Pumped High-Brightness 8 kW Level Confined-Doped Fiber Amplifier. Journal of Lightwave Technology, 2022, 40, 5673-5681.	4.6	13
5	Preliminary theoretical analysis of high-power Yb-doped fiber amplifiers tandem-pumped by short-wavelength fiber lasers. , 2021, , .		1
6	Comparisons of kilowatt Yb-Raman fiber amplifiers employing a superfluorescent fiber source and fiber oscillator. Optics Express, 2021, 29, 22966.	3.4	6
7	Black phosphorus for near-infrared ultrafast lasers in the spatial/temporal domain. Journal of Physics Condensed Matter, 2021, 33, 503001.	1.8	7
8	High-power tandem-pumped fiber amplifier with beam quality maintenance enabled by the confined-doped fiber. Optics Express, 2021, 29, 31337.	3.4	26
9	Temporally stable fiber amplifier pumped random distributed feedback Raman fiber laser with record output power. Optics Letters, 2021, 46, 5031.	3.3	10
10	Comprehensive investigations on the tandem pumping scheme employing the pump fiber laser operating at an extremely short wavelength. Optics Express, 2021, 29, 34880.	3.4	3
11	All-Fiber Laser With Agile Mode-Switching Capability Through Intra-Cavity Conversion. IEEE Photonics Journal, 2020, 12, 1-9.	2.0	6
12	Wavelength-tunable LP11 mode pulse fiber laser based on black phosphorus. Optics and Laser Technology, 2019, 119, 105618.	4.6	17
13	Oxidation-Resistant Black Phosphorus Enable Highly Ambient-Stable Ultrafast Pulse Generation at a 2 μm Tm/Ho-Doped Fiber Laser. ACS Applied Materials & Interfaces, 2019, 11, 36854-36862.	8.0	36
14	Ultra-stable pulse generation in ytterbium-doped fiber laser based on black phosphorus. Nanoscale Advances, 2019, 1, 195-202.	4.6	32
15	High Power Linearly Polarized Raman Fiber Laser With Stable Temporal Output. Photonic Sensors, 2019, 9, 43-48.	5.0	10
16	High-stable Er-doped all-fiber pulse laser based on free standing black phosphorus. , 2019, , .		1
17	Stable Yb-doped all-fiber nanosecond pulse laser based on electrochemical delamination black phosphorus. , 2019, , .		1
18	All-fiberized transverse mode-switching method based on temperature control. Applied Optics, 2019, 58, 3696.	1.8	0

#	ARTICLE	IF	CITATIONS
19	Concave Gold Bipyramid Saturable Absorber Based 1018 nm Passively Q-Switched Fiber Laser. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-6.	2.9	11
20	Intrinsic Mechanism for Spectral Evolution in Single-Frequency Raman Fiber Amplifier. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	2.9	18
21	Flexible spectral manipulation property of a high power linearly polarized random fiber laser. Scientific Reports, 2018, 8, 2173.	3.3	8
22	High-power highly stable passively Q-switched fiber laser based on monolayer graphene. Laser Physics Letters, 2018, 15, 035102.	1.4	5
23	Long-Term Stable Mode-Locked Fiber Laser at 2 μ m Based on Black Phosphorus. , 2018, , .		0
24	Ultra-Stable Passively Q-Switched Yb-Doped All-Fiber Laser With a Black Phosphorus Saturable Absorber. , 2018, , .		0
25	High-power linearly-polarized tunable Raman fiber laser. Chinese Physics B, 2018, 27, 094209.	1.4	3
26	High power narrow linewidth LP11 mode fiber laser using mode-selective FBGs. Laser Physics Letters, 2018, 15, 115101.	1.4	15
27	Spectrum-agile hundred-watt-level high-power random fiber laser enabled by watt-level tunable optical filter. Applied Physics Express, 2018, 11, 062704.	2.4	9
28	Passively Q-switched Tm-doped fiber laser based on concave gold bipyramids assembled quasi-2D saturable absorber. Laser Physics Letters, 2018, 15, 075104.	1.4	5
29	A novel high-power all-fiberized flexible spectral filter for high power linearly-polarized Raman fiber laser. Scientific Reports, 2018, 8, 10942.	3.3	7
30	High power tunable mid-infrared optical parametric oscillator enabled by random fiber laser. Optics Express, 2018, 26, 6446.	3.4	22
31	Power scalability of linearly polarized random fiber laser through polarization-rotation-based Raman gain manipulation. Optics Express, 2018, 26, 22894.	3.4	6
32	Investigation on extreme frequency shift in silica fiber-based high-power Raman fiber laser. High Power Laser Science and Engineering, 2018, 6, .	4.6	11
33	In-band pumped Q-switched fiber laser based on monolayer graphene. Laser Physics, 2017, 27, 065106.	1.2	2
34	Over 70nm broadband-tunable Yb-doped fiber pulse laser based on trilaminar graphene. Laser Physics Letters, 2017, 14, 065105.	1.4	9
35	High power high signal-to-noise ratio multiwavelength Raman fiber laser based on random distributed feedback. Japanese Journal of Applied Physics, 2017, 56, 110304.	1.5	6
36	414W near-diffraction-limited all-fiberized single-frequency polarization-maintained fiber amplifier. Optics Letters, 2017, 42, 1.	3.3	79

#	ARTICLE	IF	CITATIONS
37	Hundred-watt level highly stable passively Q-switched fiber laser based on graphene saturable absorber. , 2017, , .		0
38	Passively q-switched fiber lasers based on concave gold bipyramids saturable absorbers. , 2017, , .		0
39	All-fiberized single-frequency polarization-maintained fiber amplifier with record power. , 2016, , .		1
40	Non-null annular subaperture stitching interferometry for steep aspheric measurement. Applied Optics, 2014, 53, 5755.	1.8	36