

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
g-index

40
all docs

40
docs citations

40
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	414â€‰W near-diffraction-limited all-fiberized single-frequency polarization-maintained fiber amplifier. Optics Letters, 2017, 42, 1.	3.3	79
2	Non-null annular subaperture stitching interferometry for steep aspheric measurement. Applied Optics, 2014, 53, 5755.	1.8	36
3	Oxidation-Resistant Black Phosphorus Enable Highly Ambient-Stable Ultrafast Pulse Generation at a 2 Î¼m Tm/Ho-Doped Fiber Laser. ACS Applied Materials & Interfaces, 2019, 11, 36854-36862.	8.0	36
4	Ultra-stable pulse generation in ytterbium-doped fiber laser based on black phosphorus. Nanoscale Advances, 2019, 1, 195-202.	4.6	32
5	High-power tandem-pumped fiber amplifier with beam quality maintenance enabled by the confined-doped fiber. Optics Express, 2021, 29, 31337.	3.4	26
6	High power tunable mid-infrared optical parametric oscillator enabled by random fiber laser. Optics Express, 2018, 26, 6446.	3.4	22
7	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
8	Wavelength-tunable LP11 mode pulse fiber laser based on black phosphorus. Optics and Laser Technology, 2019, 119, 105618.	4.6	17
9	High power narrow linewidth LP11 mode fiber laser using mode-selective FBGs. Laser Physics Letters, 2018, 15, 115101.	1.4	15
10	Bidirectional tandem-pumped high-brightness 6â€‰kW level narrow-linewidth confined-doped fiber amplifier exploiting the side-coupled technique. Optics Express, 2022, 30, 21338.	3.4	15
11	More than 5â€‰kW counter tandem pumped fiber amplifier with near single-mode beam quality. Optics and Laser Technology, 2022, 153, 108204.	4.6	14
12	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
13	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
14	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
15	High Power Linearly Polarized Raman Fiber Laser With Stable Temporal Output. Photonic Sensors, 2019, 9, 43-48.	5.0	10
16	Temporally stable fiber amplifier pumped random distributed feedback Raman fiber laser with record output power. Optics Letters, 2021, 46, 5031.	3.3	10
17	Over 70â€‰nm broadband-tunable Yb-doped fiber pulse laser based on trilaminar graphene. Laser Physics Letters, 2017, 14, 065105.	1.4	9
18	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

#	ARTICLE	IF	CITATIONS
19	Flexible spectral manipulation property of a high power linearly polarized random fiber laser. Scientific Reports, 2018, 8, 2173.	3.3	8
20	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
21	Black phosphorus for near-infrared ultrafast lasers in the spatial/temporal domain. Journal of Physics Condensed Matter, 2021, 33, 503001.	1.8	7
22	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
23	Power scalability of linearly polarized random fiber laser through polarization-rotation-based Raman gain manipulation. Optics Express, 2018, 26, 22894.	3.4	6
24	All-Fiber Laser With Agile Mode-Switching Capability Through Intra-Cavity Conversion. IEEE Photonics Journal, 2020, 12, 1-9.	2.0	6
25	Comparisons of kilowatt Yb-Raman fiber amplifiers employing a superfluorescent fiber source and fiber oscillator. Optics Express, 2021, 29, 22966.	3.4	6
26	High-power highly stable passively Q-switched fiber laser based on monolayer graphene. Laser Physics Letters, 2018, 15, 035102.	1.4	5
27	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
28	High-power linearly-polarized tunable Raman fiber laser. Chinese Physics B, 2018, 27, 094209.	1.4	3
29	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
30	In-band pumped Q-switched fiber laser based on monolayer graphene. Laser Physics, 2017, 27, 065106.	1.2	2
31	1.5 kW fiber amplifier employing home-made large-mode-area single trench fiber. , 2022, , .		2
32	All-fiberized single-frequency polarization-maintained fiber amplifier with record power. , 2016, , .		1
33	Preliminary theoretical analysis of high-power Yb-doped fiber amplifiers tandem-pumped by short-wavelength fiber lasers. , 2021, , .		1
34	High-stable Er-doped all-fiber pulse laser based on free standing black phosphorus. , 2019, , .		1
35	Stable Yb-doped all-fiber nanosecond pulse laser based on electrochemical delamination black phosphorus. , 2019, , .		1
36	Long-Term Stable Mode-Locked Fiber Laser at 2 $\hat{1}$ / ₄ m Based on Black Phosphorus. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
37	Ultra-Stable Passively Q-Switched Yb-Doped All-Fiber Laser With a Black Phosphorus Saturable Absorber. , 2018, , .		0
38	Hundred-watt level highly stable passively Q-switched fiber laser based on graphene saturable absorber. , 2017, , .		0
39	Passively q-switched fiber lasers based on concave gold bipyramids saturable absorbers. , 2017, , .		0
40	All-fiberized transverse mode-switching method based on temperature control. Applied Optics, 2019, 58, 3696.	1.8	0