

# Yu Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

727  
citations

933447

10  
h-index

996975

15  
g-index

22  
all docs

22  
docs citations

22  
times ranked

863  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monolayer graphene as a saturable absorber in a mode-locked laser. Nano Research, 2011, 4, 297-307.	10.4	408
2	Bi-doped fiber amplifiers and lasers [Invited]. Optical Materials Express, 2019, 9, 2446.	3.0	92
3	Ultra-Broadband Bismuth-Doped Fiber Amplifier Covering a 115-nm Bandwidth in the O and E Bands. Journal of Lightwave Technology, 2021, 39, 795-800.	4.6	59
4	40-dB gain all fiber bismuth-doped amplifier operating in the O-band. Optics Letters, 2019, 44, 2248.	3.3	38
5	Experimental Demonstration of Dual O+C-Band WDM Transmission Over 50-km SSMF With Direct Detection. Journal of Lightwave Technology, 2020, 38, 2278-2284.	4.6	23
6	Multiwavelength Brillouin Generation in Bismuth-Doped Fiber Laser With Single- and Double-Frequency Spacing. Journal of Lightwave Technology, 2020, 38, 6886-6896.	4.6	21
7	Multi-Band Direct-Detection Transmission Over an Ultrawide Bandwidth Hollow-Core NANF. Journal of Lightwave Technology, 2020, 38, 2849-2857.	4.6	17
8	Experimental characterization of an o-band bismuth-doped fiber amplifier. Optics Express, 2021, 29, 15345.	3.4	16
9	Study on the temperature dependent characteristics of O-band bismuth-doped fiber amplifier. Optics Letters, 2019, 44, 5650.	3.3	14
10	Numerical and experimental study on the impact of chromatic dispersion on O-band direct-detection transmission. Applied Optics, 2021, 60, 4383.	1.8	12
11	Multi-wavelength Bismuth-doped fiber laser in 1.3 $\mu$ m based on a compact two-mode fiber filter. Optics and Laser Technology, 2021, 144, 107390.	4.6	6
12	ML-Assisted Equalization for 50-Gb/s O-Band CWDM Transmission Over 100-km SMF. IEEE Journal of Selected Topics in Quantum Electronics, 2022, 28, 1-10.	2.9	6
13	First Investigation on Double- and Single-sideband Formats in BDFA-enabled O-band Transmission. , 2020, , .		4
14	Widely Tunable Actively Mode-Locked Bi-Doped Fiber Laser Operating in the O-Band. IEEE Photonics Technology Letters, 2022, 34, 711-714.	2.5	3
15	Tunable CW Bi-Doped Fiber Laser System From 1320 to 1370 nm Using a Fiber Bragg Grating. IEEE Photonics Technology Letters, 2020, 32, 1443-1446.	2.5	2
16	Experimental Characterization of Bismuth-Doped Fibre Amplifier: Electrical NF, PDG, and XGM. , 2020, , .		2
17	Temperature dependent gain and noise figure characteristics of o-band bismuth-doped fibre amplifier. , 2019, , .		1
18	Performance-enhanced Amplified O-band WDM Transmission using Machine Learning based Equalization. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	Tunable Dual-Wavelength Bismuth Fiber Laser With 37.8-GHz Frequency Spacing. Journal of Lightwave Technology, 2021, 39, 6617-6623.	4.6	1
20	Bi-doped fiber amplifiers for ultra-wideband optical communication systems. , 2021, , .		1
21	Amplified O-band direct-detection transmission using bismuth-doped fiber amplifiers. , 2021, , .		0
22	Experimental Demonstration of 50-Gb/s/Z O-band CWDM Direct-Detection Transmission over 100-km SMF. , 2021, , .		0