

# Youchao Jiang

## List of Publications by Year in descending order

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29  
papers

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citations

759233

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29  
docs citations

29  
times ranked

449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly sensitive curvature sensor based on asymmetrical twin core fiber and multimode fiber. Optics and Laser Technology, 2017, 92, 74-79.	4.6	67
2	Tunable orbital angular momentum generation in optical fibers. Optics Letters, 2016, 41, 3535.	3.3	52
3	Tunable Orbital Angular Momentum Generation Using All-Fiber Fused Coupler. IEEE Photonics Technology Letters, 2018, 30, 99-102.	2.5	32
4	Linearly polarized orbital angular momentum mode purity measurement in optical fibers. Applied Optics, 2017, 56, 1990.	2.1	31
5	Simultaneous measurement of refractive index and temperature using SMP in Sagnac loop. Optics and Laser Technology, 2017, 96, 254-258.	4.6	28
6	Two-dimensional tunable orbital angular momentum generation using a vortex fiber. Optics Letters, 2017, 42, 5014.	3.3	27
7	Switchable narrow linewidth fiber laser with LP <sub>11</sub> transverse mode output. Optics and Laser Technology, 2018, 98, 1-6.	4.6	22
8	Generation of the Tunable Second-Order Optical Vortex Beams in Narrow Linewidth Fiber Laser. IEEE Photonics Technology Letters, 2017, 29, 1659-1662.	2.5	19
9	Switchable dual-mode all-fiber laser with few-mode fiber Bragg grating. Journal of Optics (United Kingdom), 2017, 17, 078431.	2.2	17
10	Multi-Wavelength Fiber Laser Based on Dual-Sagnac Comb Filter for LP <sub>11</sub> Modes Output. Journal of Lightwave Technology, 2020, 38, 3745-3750.	4.6	15
11	Few-mode fiber Bragg grating-based multi-wavelength fiber laser with tunable orbital angular momentum beam output. Laser Physics Letters, 2018, 15, 095001.	1.4	14
12	Tunable Orbital Angular Momentum Generation Based on Two Orthogonal LP Modes in Optical Fibers. IEEE Photonics Technology Letters, 2017, 29, 901-904.	2.5	13
13	Polarization properties of fiber-based orbital angular momentum modes. Optical Fiber Technology, 2017, 38, 113-118.	2.7	12
14	Simultaneous Measurement of Curvature and Temperature Based on Asymmetrical FPI. IEEE Photonics Technology Letters, 2017, 29, 838-841.	2.5	10
15	Twelve-Wavelength-Switchable Thulium-Doped Fiber Laser With a Multimode Fiber Bragg Grating. IEEE Photonics Journal, 2021, 13, 1-10.	2.0	10
16	High-sensitivity pressure sensor based on fiber Mach-Zehnder interferometer. Measurement Science and Technology, 2017, 28, 105102.	2.6	8
17	Few-mode and large-mode-area fiber with circularly distributed cores. Optics Communications, 2017, 387, 79-83.	2.1	8
18	Bending effect characterization of individual higher-order modes in few-mode fibers. Optics Letters, 2017, 42, 3343.	3.3	8

#	ARTICLE	IF	CITATIONS
19	Strain-independent fiber torsion and displacement sensor based on acoustically-induced fiber grating. Optics and Laser Technology, 2018, 99, 271-275.	4.6	8
20	Wavelength-Switchable Fiber Laser Based on Mach-Zehnder Filter With LP <sub>11</sub> Mode Output. IEEE Photonics Technology Letters, 2019, 31, 1623-1626.	2.5	8
21	Radially polarized cylindrical vector beam generation in all-fibre narrow linewidth single-longitudinal-mode laser. Laser Physics Letters, 2019, 16, 055101.	1.4	8
22	Ultralow Bending-Loss Trench-Assisted Single-Mode Optical Fibers. IEEE Photonics Technology Letters, 2017, 29, 346-349.	2.5	7
23	Multi-wavelength erbium-doped fiber laser with tunable orbital angular momentum mode output. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 834.	2.1	7
24	Strict dual-mode large-mode-area fiber with multicore structure. Optics Communications, 2016, 366, 308-313.	2.1	2
25	All fiber torsion and displacement sensor based on image detection. Sensors and Actuators A: Physical, 2017, 268, 46-51.	4.1	2
26	Switchable dual-transverse-mode all-fiber laser with a mode selective filter. Journal of Optics (United Kingdom), 2017, 16, 170101.	2.2	2
27	Switchable single-longitudinal-mode narrow linewidth fiber laser with cylindrical vector beam output. Optics and Laser Technology, 2022, 153, 108213.	4.6	2
28	Measuring Vector Modal Content of Vortex Fibers. IEEE Photonics Technology Letters, 2017, 29, 1804-1807.	2.5	1
29	Switchable dual-mode all-fiber laser by using LPG and FBG. , 2018, , .		0