

# 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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docs citations

29  
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Switchable single-longitudinal-mode narrow linewidth fiber laser with cylindrical vector beam output. Optics and Laser Technology, 2022, 153, 108213.	4.6	2
2	Twelve-Wavelength-Switchable Thulium-Doped Fiber Laser With a Multimode Fiber Bragg Grating. IEEE Photonics Journal, 2021, 13, 1-10.	2.0	10
3	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
4	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
5	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
6	Switchable dual-transverse-mode all-fiber laser with a mode selective filter. Journal of Optics (United Kingdom), 2019, 17, 022201.	2.2	2
7	Radially polarized cylindrical vector beam generation in all-fibre narrow linewidth single-longitudinal-mode laser. Laser Physics Letters, 2019, 16, 055101.	1.4	8
8	Tunable Orbital Angular Momentum Generation Using All-Fiber Fused Coupler. IEEE Photonics Technology Letters, 2018, 30, 99-102.	2.5	32
9	Strain-independent fiber torsion and displacement sensor based on acoustically-induced fiber grating. Optics and Laser Technology, 2018, 99, 271-275.	4.6	8
10	Switchable narrow linewidth fiber laser with LP <sub>11</sub> transverse mode output. Optics and Laser Technology, 2018, 98, 1-6.	4.6	22
11	Switchable dual-mode all-fiber laser by using LPG and FBG. Optics and Laser Technology, 2018, 98, 1-6.		0
12	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
13	Ultralow Bending-Loss Trench-Assisted Single-Mode Optical Fibers. IEEE Photonics Technology Letters, 2017, 29, 346-349.	2.5	7
14	Highly sensitive curvature sensor based on asymmetrical twin core fiber and multimode fiber. Optics and Laser Technology, 2017, 92, 74-79.	4.6	67
15	Simultaneous Measurement of Curvature and Temperature Based on Asymmetrical FPI. IEEE Photonics Technology Letters, 2017, 29, 838-841.	2.5	10
16	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
17	Switchable dual-mode all-fiber laser with few-mode fiber Bragg grating. Journal of Optics (United Kingdom), 2017, 15, 072201.	2.2	17
18	Polarization properties of fiber-based orbital angular momentum modes. Optical Fiber Technology, 2017, 38, 113-118.	2.7	12

#	ARTICLE	IF	CITATIONS
19	All fiber torsion and displacement sensor based on image detection. Sensors and Actuators A: Physical, 2017, 268, 46-51.	4.1	2
20	Simultaneous measurement of refractive index and temperature using SMP in Sagnac loop. Optics and Laser Technology, 2017, 96, 254-258.	4.6	28
21	High-sensitivity pressure sensor based on fiber Mach-Zehnder interferometer. Measurement Science and Technology, 2017, 28, 105102.	2.6	8
22	Few-mode and large-mode-area fiber with circularly distributed cores. Optics Communications, 2017, 387, 79-83.	2.1	8
23	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
24	Two-dimensional tunable orbital angular momentum generation using a vortex fiber. Optics Letters, 2017, 42, 5014.	3.3	27
25	Bending effect characterization of individual higher-order modes in few-mode fibers. Optics Letters, 2017, 42, 3343.	3.3	8
26	Measuring Vector Modal Content of Vortex Fibers. IEEE Photonics Technology Letters, 2017, 29, 1804-1807.	2.5	1
27	Linearly polarized orbital angular momentum mode purity measurement in optical fibers. Applied Optics, 2017, 56, 1990.	2.1	31
28	Strict dual-mode large-mode-area fiber with multicore structure. Optics Communications, 2016, 366, 308-313.	2.1	2
29	Tunable orbital angular momentum generation in optical fibers. Optics Letters, 2016, 41, 3535.	3.3	52