

Jun He

List of Publications by Year in descending order

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144
papers

3,030
citations

159585
30
h-index

189892
50
g-index

144
all docs

144
docs citations

144
times ranked

1969
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Surface plasmon resonance biosensor based on gold-coated side-polished hexagonal structure photonic crystal fiber. <i>Optics Express</i> , 2017, 25, 20313. | 3.4 | 172 |
| 2 | Intensity modulated refractive index sensor based on optical fiber Michelson interferometer. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 315-319. | 7.8 | 154 |
| 3 | Simultaneous measurement of pressure and temperature by employing Fabry-Perot interferometer based on pendant polymer droplet. <i>Optics Express</i> , 2015, 23, 1906. | 3.4 | 138 |
| 4 | Highly sensitive surface plasmon resonance biosensor based on a low-index polymer optical fiber. <i>Optics Express</i> , 2018, 26, 3988. | 3.4 | 106 |
| 5 | High-sensitivity strain sensor based on in-fiber rectangular air bubble. <i>Scientific Reports</i> , 2015, 5, 7624. | 3.3 | 100 |
| 6 | Orbital Angular Momentum Mode Converter Based on Helical Long Period Fiber Grating Inscribed by Hydrogen-Oxygen Flame. <i>Journal of Lightwave Technology</i> , 2018, 36, 1683-1688. | 4.6 | 92 |
| 7 | Two-dimensional vector bending sensor based on seven-core fiber Bragg gratings. <i>Optics Express</i> , 2018, 26, 23770. | 3.4 | 86 |
| 8 | Asymmetrical in-fiber Mach-Zehnder interferometer for curvature measurement. <i>Optics Express</i> , 2015, 23, 14596. | 3.4 | 82 |
| 9 | Label-free detection of bovine serum albumin based on an in-fiber Mach-Zehnder interferometric biosensor. <i>Optics Express</i> , 2017, 25, 17105. | 3.4 | 82 |
| 10 | Review of Femtosecond-Laser-Inscribed Fiber Bragg Gratings: Fabrication Technologies and Sensing Applications. <i>Photonic Sensors</i> , 2021, 11, 203-226. | 5.0 | 78 |
| 11 | High-order orbital angular momentum mode generator based on twisted photonic crystal fiber. <i>Optics Letters</i> , 2018, 43, 1786. | 3.3 | 71 |
| 12 | High-Sensitivity Gas-Pressure Sensor Based on Fiber-Tip PVC Diaphragm Fabry-Perot Interferometer. <i>Journal of Lightwave Technology</i> , 2017, 35, 4067-4071. | 4.6 | 70 |
| 13 | Measurement of high pressure and high temperature using a dual-cavity Fabry-Perot interferometer created in cascade hollow-core fibers. <i>Optics Letters</i> , 2018, 43, 6009. | 3.3 | 70 |
| 14 | Femtosecond Laser Inscription of Fiber Bragg Grating in Twin-Core Few-Mode Fiber for Directional Bend Sensing. <i>Journal of Lightwave Technology</i> , 2017, 35, 4670-4676. | 4.6 | 69 |
| 15 | Sapphire fiber Bragg gratings inscribed with a femtosecond laser line-by-line scanning technique. <i>Optics Letters</i> , 2018, 43, 4562. | 3.3 | 55 |
| 16 | Long Period Fiber Gratings Inscribed by Periodically Tapering a Fiber. <i>IEEE Photonics Technology Letters</i> , 2014, 26, 698-701. | 2.5 | 54 |
| 17 | Highly sensitive temperature sensor based on a polymer-infiltrated Mach-Zehnder interferometer created in graded index fiber. <i>Optics Letters</i> , 2019, 44, 2466. | 3.3 | 53 |
| 18 | Nano silica diaphragm in-fiber cavity for gas pressure measurement. <i>Scientific Reports</i> , 2017, 7, 787. | 3.3 | 50 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Polarization-independent orbital angular momentum generator based on a chiral fiber grating. Optics Letters, 2019, 44, 61. | 3.3 | 47 |
| 20 | D-shaped fiber grating refractive index sensor induced by an ultrashort pulse laser. Applied Optics, 2016, 55, 1525. | 2.1 | 46 |
| 21 | Femtosecond laser point-by-point inscription of an ultra-weak fiber Bragg grating array for distributed high-temperature sensing. Optics Express, 2021, 29, 32615. | 3.4 | 45 |
| 22 | Highly birefringent phase-shifted fiber Bragg gratings inscribed with femtosecond laser. Optics Letters, 2015, 40, 2008. | 3.3 | 41 |
| 23 | Diaphragm-free gas-pressure sensor probe based on hollow-core photonic bandgap fiber. Optics Letters, 2018, 43, 3017. | 3.3 | 40 |
| 24 | Negative-index gratings formed by femtosecond laser overexposure and thermal regeneration. Scientific Reports, 2016, 6, 23379. | 3.3 | 39 |
| 25 | Fiber surface Bragg grating waveguide for refractive index measurements. Optics Letters, 2017, 42, 1684. | 3.3 | 39 |
| 26 | Optofluidic gutter oil discrimination based on a hybrid-waveguide coupler in fibre. Lab on A Chip, 2018, 18, 595-600. | 6.0 | 37 |
| 27 | Parallel-Integrated Fiber Bragg Gratings Inscribed by Femtosecond Laser Point-by-Point Technology. Journal of Lightwave Technology, 2019, 37, 2185-2193. | 4.6 | 34 |
| 28 | High-energy mode-locked holmium-doped fiber laser operating in noise-like pulse regime. Optics Letters, 2019, 44, 4491. | 3.3 | 34 |
| 29 | Fiber optic hydrogen sensor based on a Fabry-Perot interferometer with a fiber Bragg grating and a nanofilm. Lab on A Chip, 2021, 21, 1752-1758. | 6.0 | 33 |
| 30 | An Ameliorated Phase Generated Carrier Demodulation Algorithm With Low Harmonic Distortion and High Stability. Journal of Lightwave Technology, 2010, , . | 4.6 | 31 |
| 31 | Fiber laser sensing system and its applications. Photonic Sensors, 2011, 1, 43-53. | 5.0 | 31 |
| 32 | Femtosecond laser microprinting of a polymer fiber Bragg grating for high-sensitivity temperature measurements. Optics Letters, 2018, 43, 3409. | 3.3 | 31 |
| 33 | Simultaneous Measurement of Strain and Temperature by a Sawtooth Stressor-Assisted Highly Birefringent Fiber Bragg Grating. Journal of Lightwave Technology, 2020, 38, 2060-2066. | 4.6 | 28 |
| 34 | Multi-layer, offset-coupled sapphire fiber Bragg gratings for high-temperature measurements. Optics Letters, 2019, 44, 4211. | 3.3 | 28 |
| 35 | High-Sensitivity Temperature Sensor Based on a Coated Single-Mode Fiber Loop. Journal of Lightwave Technology, 2015, 33, 4019-4026. | 4.6 | 26 |
| 36 | A Miniature Fiber Collimator for Highly Sensitive Bend Measurements. Journal of Lightwave Technology, 2018, 36, 2827-2833. | 4.6 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Femtosecond laser auto-positioning direct writing of a multicore fiber Bragg grating array for shape sensing. <i>Optics Letters</i> , 2022, 47, 758. | 3.3 | 25 |
| 38 | Efficient point-by-point Bragg grating inscription in sapphire fiber using femtosecond laser filaments. <i>Optics Letters</i> , 2021, 46, 2742. | 3.3 | 24 |
| 39 | Phase-shifted fiber Bragg grating modulated by a hollow cavity for measuring gas pressure. <i>Optics Letters</i> , 2020, 45, 507. | 3.3 | 24 |
| 40 | Development of Bi/Er co-doped optical fibers for ultra-broadband photonic applications. <i>Frontiers of Optoelectronics</i> , 2018, 11, 37-52. | 3.7 | 22 |
| 41 | High-Spatial-Resolution Strain Sensor Based on Distance Compensation and Image Wavelet Denoising Method in OFDR. <i>Journal of Lightwave Technology</i> , 2021, 39, 6334-6339. | 4.6 | 22 |
| 42 | Rough Side-Polished Fiber With Surface Scratches for Sensing Applications. <i>IEEE Photonics Journal</i> , 2015, 7, 1-7. | 2.0 | 21 |
| 43 | Suppression of parasitic interference in a fiber-tip Fabry-Perot interferometer for high-pressure measurements. <i>Optics Express</i> , 2018, 26, 28178. | 3.4 | 21 |
| 44 | Highly sensitive gas refractive index sensor based on hollow-core photonic bandgap fiber. <i>Optics Express</i> , 2019, 27, 29649. | 3.4 | 21 |
| 45 | Broadband Thermo-Optic Switching Effect Based on Liquid Crystal Infiltrated Photonic Crystal Fibers. <i>IEEE Photonics Journal</i> , 2015, 7, 1-7. | 2.0 | 20 |
| 46 | Novel fabrication technique for phase-shifted fiber Bragg gratings using a variable-velocity scanning beam and a shielded phase mask. <i>Optics Express</i> , 2018, 26, 13311. | 3.4 | 20 |
| 47 | Bragg Gratings in Suspended-Core Photonic Microcells for High-Temperature Applications. <i>Journal of Lightwave Technology</i> , 2018, 36, 2920-2924. | 4.6 | 20 |
| 48 | Recent Progress in Fabrications and Applications of Heating-Induced Long Period Fiber Gratings. <i>Sensors</i> , 2019, 19, 4473. | 3.8 | 19 |
| 49 | In-Fiber Collimator-Based Fabry-Perot Interferometer with Enhanced Vibration Sensitivity. <i>Sensors</i> , 2019, 19, 435. | 3.8 | 19 |
| 50 | Highly sensitive hydrogen sensor based on an in-fiber Mach-Zehnder interferometer with polymer infiltration and Pt-loaded WO ₃ coating. <i>Optics Express</i> , 2021, 29, 4147. | 3.4 | 19 |
| 51 | Low short-wavelength loss fiber Bragg gratings inscribed in a small-core fiber by femtosecond laser point-by-point technology. <i>Optics Letters</i> , 2019, 44, 5121. | 3.3 | 19 |
| 52 | Strain-based tunable optical microresonator with an in-fiber rectangular air bubble. <i>Optics Letters</i> , 2018, 43, 4077. | 3.3 | 18 |
| 53 | Shape Sensing Using Two Outer Cores of Multicore Fiber and Optical Frequency Domain Reflectometer. <i>Journal of Lightwave Technology</i> , 2021, 39, 6624-6630. | 4.6 | 18 |
| 54 | Optical Fiber Tag Based on an Encoded Fiber Bragg Grating Fabricated by Femtosecond Laser. <i>Journal of Lightwave Technology</i> , 2020, 38, 1474-1479. | 4.6 | 17 |

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|----|--|-----|-----------|
| 55 | Single-mode helical Bragg grating waveguide created in a multimode coreless fiber by femtosecond laser direct writing. <i>Photonics Research</i> , 2021, 9, 2052. | 7.0 | 17 |
| 56 | High-Speed All-Optical Modulator Based on a Polymer Nanofiber Bragg Grating Printed by Femtosecond Laser. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1465-1473. | 8.0 | 16 |
| 57 | Helical Long-Period Fiber Gratings as Wavelength-Tunable Orbital Angular Momentum Mode Generators. <i>IEEE Photonics Technology Letters</i> , 2020, 32, 418-421. | 2.5 | 16 |
| 58 | Helical Intermediate-Period Fiber Grating for Refractive Index Measurements With Low-Sensitive Temperature and Torsion Response. <i>Journal of Lightwave Technology</i> , 2021, 39, 6678-6685. | 4.6 | 16 |
| 59 | Slit Beam Shaping for Femtosecond Laser Point-by-Point Inscription of High-Quality Fiber Bragg Gratings. <i>Journal of Lightwave Technology</i> , 2021, 39, 5142-5148. | 4.6 | 16 |
| 60 | Bragg gratings inscribed in selectively inflated photonic crystal fibers. <i>Optics Express</i> , 2017, 25, 28442. | 3.4 | 15 |
| 61 | Temperature-insensitive directional transverse load sensor based on dual side-hole fiber Bragg grating. <i>Optics Express</i> , 2021, 29, 17700. | 3.4 | 15 |
| 62 | Beat frequency tuning in dual-polarization distributed feedback fiber laser using side polishing technique. <i>Optics Express</i> , 2018, 26, 34699. | 3.4 | 15 |
| 63 | Intensity-modulated bend sensor by using a twin core fiber: theoretical and experimental studies. <i>Optics Express</i> , 2020, 28, 14850. | 3.4 | 15 |
| 64 | Orthogonal long-period fiber grating for directly exciting the orbital angular momentum. <i>Optics Express</i> , 2020, 28, 27044. | 3.4 | 15 |
| 65 | Femtosecond laser line-by-line inscription of apodized fiber Bragg gratings. <i>Optics Letters</i> , 2021, 46, 5663. | 3.3 | 15 |
| 66 | Long Period Fiber Grating Inscribed in Hollow-Core Photonic Bandgap Fiber for Gas Pressure Sensing. <i>IEEE Photonics Journal</i> , 2017, 9, 1-7. | 2.0 | 14 |
| 67 | Dual-Polarization Distributed Feedback Fiber Laser Sensor Based on Femtosecond Laser-Inscribed In-Fiber Stressors for Simultaneous Strain and Temperature Measurements. <i>IEEE Access</i> , 2020, 8, 97823-97829. | 4.2 | 14 |
| 68 | Gas detection in a graphene based dual-mode fiber laser microcavity. <i>Sensors and Actuators B: Chemical</i> , 2021, 348, 130694. | 7.8 | 14 |
| 69 | Stabilized Ultra-High-Temperature Sensors Based on Inert Gas-Sealed Sapphire Fiber Bragg Gratings. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12359-12366. | 8.0 | 14 |
| 70 | Bragg resonance in microfiber realized by two-photon polymerization. <i>Optics Express</i> , 2018, 26, 3732. | 3.4 | 13 |
| 71 | Ultrasensitive Temperature Sensor Based on a Fiber Fabry-Pérot Interferometer Created in a Mercury-Filled Silica Tube. <i>IEEE Photonics Journal</i> , 2015, 7, 1-9. | 2.0 | 12 |
| 72 | Elimination of environmental noise in interferometric wavelength shift demodulation for dynamic fiber Bragg grating sensor array. <i>Optics Communications</i> , 2009, 282, 2836-2840. | 2.1 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Temperature Insensitivity Polarization-Controlled Orbital Angular Momentum Mode Converter Based on an LPFG Induced in Four-Mode Fiber. <i>Sensors</i> , 2018, 18, 1766. | 3.8 | 10 |
| 74 | Designing of cooling water system for a pyro-breaker utilized in superconductive fusion facility. <i>Fusion Engineering and Design</i> , 2019, 148, 111294. | 1.9 | 9 |
| 75 | Low-amplitude, drifting sub-pulses hiding in background of noise-like pulse generated in fiber laser. <i>Optics Express</i> , 2019, 27, 29606. | 3.4 | 9 |
| 76 | Excitation of high order orbital angular momentum modes in ultra-short chiral long period fiber gratings. <i>Optics Express</i> , 2021, 29, 39384. | 3.4 | 9 |
| 77 | Application of an Improved Mayr-Type Arc Model in Pyro-Breakers Utilized in Superconducting Fusion Facilities. <i>Energies</i> , 2021, 14, 4383. | 3.1 | 8 |
| 78 | High-Spatial-Resolution High-Temperature Sensor Based on Ultra-Short Fiber Bragg Gratings With Dual-Wavelength Differential Detection. <i>Journal of Lightwave Technology</i> , 2022, 40, 2166-2172. | 4.6 | 8 |
| 79 | Symmetric Step-Apodized Distributed Feedback Fiber Laser With Improved Efficiency. <i>IEEE Photonics Journal</i> , 2019, 11, 1-11. | 2.0 | 7 |
| 80 | Orbital angular momentum generator based on hollow-core photonic bandgap fiber grating. <i>Applied Physics Express</i> , 2019, 12, 072004. | 2.4 | 7 |
| 81 | Room-Temperature Fiber Tip Nanoscale Optomechanical Bolometer. <i>ACS Photonics</i> , 2022, 9, 1586-1593. | 6.6 | 7 |
| 82 | Growth dynamics of ZnO nanowire on a fiber-tip air bubble. <i>Optical Materials Express</i> , 2017, 7, 3433. | 3.0 | 6 |
| 83 | Taper Embedded Phase-Shifted Fiber Bragg Grating Fabricated by Femtosecond Laser Line-by-Line Inscription. <i>IEEE Photonics Journal</i> , 2018, 10, 1-8. | 2.0 | 6 |
| 84 | Simultaneous Vector Bend and Temperature Sensing Based on a Polymer and Silica Optical Fibre Grating Pair. <i>Sensors</i> , 2018, 18, 3507. | 3.8 | 6 |
| 85 | Nonlinear Hydraulic Pressure Response of an Improved Fiber Tip Interferometric High-Pressure Sensor. <i>Sensors</i> , 2020, 20, 2548. | 3.8 | 6 |
| 86 | Polarimetric fiber laser for relative humidity sensing based on graphene oxide-coated D-shaped fiber and beat frequency demodulation. <i>Optics Express</i> , 2022, 30, 15998. | 3.4 | 6 |
| 87 | An All-Fiber Fan-Out Device for Varying Twin-Core Fiber Types. <i>Journal of Lightwave Technology</i> , 2017, 35, 5121-5126. | 4.6 | 5 |
| 88 | Antiresonant Reflecting Guidance and Mach-Zender Interference in Cascaded Hollow-Core Fibers for Multi-Parameter Sensing. <i>Sensors</i> , 2018, 18, 4140. | 3.8 | 5 |
| 89 | High-Efficiency Inscription of Fiber Bragg Grating Array with High-Energy Nanosecond-Pulsed Laser Talbot Interferometer. <i>Sensors</i> , 2020, 20, 4307. | 3.8 | 5 |
| 90 | A Nondestructive Measurement Method of Optical Fiber Young's Modulus Based on OFDR. <i>Sensors</i> , 2022, 22, 1450. | 3.8 | 5 |

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|-----|---|-----|-----------|
| 91 | Quasi-Distributed Temperature and Strain Sensors Based on Series-Integrated Fiber Bragg Gratings. <i>Nanomaterials</i> , 2022, 12, 1540. | 4.1 | 5 |
| 92 | High performance wavelength demodulator for DFB fiber laser sensor using novel PGC algorithm and reference compensation method. , 2011, , . | | 4 |
| 93 | Determination of Optical Fiber Parameters Based On Fiber Gratings and a Search Procedure. <i>Journal of Lightwave Technology</i> , 2017, 35, 3591-3596. | 4.6 | 4 |
| 94 | Study of contact resistance in the design of a pyro-breaker applied in superconducting fusion facility. <i>Plasma Science and Technology</i> , 2019, 21, 065602. | 1.5 | 4 |
| 95 | Slit Beam Shaping for Femtosecond Laser Point-by-Point Inscription of Highly Localized Fiber Bragg Grating. <i>Journal of Lightwave Technology</i> , 2022, 40, 5722-5728. | 4.6 | 4 |
| 96 | Realization of 16-channel digital PGC demodulator for fiber laser sensor array. <i>Journal of Physics: Conference Series</i> , 2011, 276, 012134. | 0.4 | 3 |
| 97 | Highly sensitive temperature sensor based on a Mach-Zehnder interferometer created in graded index fiber. , 2018, , . | | 3 |
| 98 | Hollow-Core Fiber-Tip Interferometric High-Temperature Sensor Operating at 1100 Å°C with High Linearity. <i>Micromachines</i> , 2021, 12, 234. | 2.9 | 3 |
| 99 | Numerical Analysis of the Convective Heat Transfer Coefficient Enhancement of a Pyro-Breaker Utilized in Superconducting Fusion Facilities. <i>Energies</i> , 2021, 14, 7565. | 3.1 | 3 |
| 100 | High Performance Distributed Feedback Fiber Laser Sensor Array System. , 2009, , . | | 2 |
| 101 | Ultra-sensitive temperature sensor based on liquid crystal infiltrated photonic crystal fibers. , 2015, , . | | 2 |
| 102 | Enhanced surface plasmon resonance fiber sensor based on Graphene Oxide. , 2018, , . | | 2 |
| 103 | Sensitivity-enhanced Temperature Sensor Based on Cascaded Polymer-infiltrated Mach-Zehnder Interferometers Created in Graded Index Fibers. , 2019, , . | | 2 |
| 104 | Shape sensing using two outer cores of multi-core fiber based on OFDR. , 2022, , . | | 2 |
| 105 | An improved high stability and low distortion phase generated carrier demodulation algorithm for phase-sensitive optical time-domain reflectometers. <i>Laser Physics Letters</i> , 2022, 19, 075102. | 1.4 | 2 |
| 106 | Numerical Study on Multiple Arcs in a Pyro-Breaker Based on the Black-Box Arc Model. <i>Electronics (Switzerland)</i> , 2022, 11, 1702. | 3.1 | 2 |
| 107 | Fiber laser vector hydrophone: theory and experiment. <i>Proceedings of SPIE</i> , 2011, , . | 0.8 | 1 |
| 108 | Improved arc discharge technique for inscribing compact long period fiber gratings. <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 1 |

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|-----|--|-----|-----------|
| 109 | Side-polished fibers with rough surface scratches for sensing applications. , 2015, , . | | 1 |
| 110 | Photonic crystal fiber with selective infiltration for high sensitivity simultaneous temperature and strain measurement. , 2017, , . | | 1 |
| 111 | Twin-core few-mode fiber Bragg gratings inscribed by femtosecond laser. , 2017, , . | | 1 |
| 112 | Femtosecond-Laser-Inscribed Fiber Bragg Gratings for High-Temperature Sensing. , 2018, , . | | 1 |
| 113 | Sapphire Fiber Bragg Gratings with Improved Spectral Properties for High-temperature Measurements. , 2019, , . | | 1 |
| 114 | Numerical Analysis of a Pyro-breaker Utilized in Superconducting Fusion Facility. , 2021, , . | | 1 |
| 115 | Inscription and improvement of novel fiber Bragg gratings by 800 nm femtosecond laser through a phase mask. , 2016, , . | | 1 |
| 116 | Ionising Radiation Induced Effects on Bismuth/Erbium Co-Doped Optical Fibres. , 2018, , . | | 1 |
| 117 | Ultra thin fiber laser vector hydrophone. Proceedings of SPIE, 2011, , . | 0.8 | 0 |
| 118 | Effects of Rayleigh backscattering on distributed feedback fiber laser sensors. Proceedings of SPIE, 2014, , . | 0.8 | 0 |
| 119 | Effects of Rayleigh backscattering on the stability of distributed feedback fiber laser sensors. Optical Engineering, 2014, 53, 066102. | 1.0 | 0 |
| 120 | Temperature-insensitive strain sensor based on in-line Fabry-Perot interferometer. Proceedings of SPIE, 2014, , . | 0.8 | 0 |
| 121 | Refractive index sensor based on side-polished fiber Bragg grating. , 2015, , . | | 0 |
| 122 | Femtosecond laser inscribed Bragg gratings in gold-coated fiber for space application. Proceedings of SPIE, 2015, , . | 0.8 | 0 |
| 123 | Pattern matching based smart interrogation algorithm for fiber Bragg gratings inscribed by femtosecond laser. Proceedings of SPIE, 2015, , . | 0.8 | 0 |
| 124 | Ultrahigh-sensitivity temperature sensor based on in-fiber Fabry-Perot interferometer. , 2015, , . | | 0 |
| 125 | Phase-shifted gratings and negative-index gratings fabricated by 800 nm femtosecond laser overexposure. , 2016, , . | | 0 |
| 126 | A novel fabrication method of fiber-tip Fabry-Perot interferometer for high-sensitivity gas-pressure measurements. , 2017, , . | | 0 |

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|-----|--|-----|-----------|
| 127 | Improving the refractive index sensitivity of long period fiber grating with coating ZnO thin film. , 2017, , . | | 0 |
| 128 | Omnidirectional bending sensor based on fiber Bragg gratings inscribed in a seven-core fiber. , 2018, , . | | 0 |
| 129 | Highly sensitive bend measurements using a miniature fiber collimator-based Fabry-Perot Interferometer. , 2018, , . | | 0 |
| 130 | Femtosecond Laser-inscribed Multimode Fiber Bragg Gratings. , 2019, , . | | 0 |
| 131 | Femtosecond Laser-Inscribed Ultra-Weak Fiber Bragg Grating Array for Distributed High-Temperature Measurements. , 2021, , . | | 0 |
| 132 | Multicore Fiber Bragg Gratings Array Shape Sensor Fabricated with an Auto-Alignment Femtosecond Laser Point-by-Point Technology. , 2021, , . | | 0 |
| 133 | Encapsulated Sapphire Fiber Bragg Grating Sensor with Improved High-Temperature Performance. , 2021, , . | | 0 |
| 134 | Silt-Beam Shaping Method for Femtosecond Laser Point-by-Point Inscription of Highly Localized Fiber Bragg Gratings with Enhanced Cladding Modes. , 2021, , . | | 0 |
| 135 | Polarization-dependent phase-shifted fiber Bragg gratings inscribed by femtosecond laser overexposure. , 2016, , . | | 0 |
| 136 | Fabrication of phase-shifted fiber Bragg gratings with a velocity-changed scanning UV laser beam. , 2017, , . | | 0 |
| 137 | Fiber surface Bragg grating waveguide fabricated by femtosecond laser micromachining. , 2017, , . | | 0 |
| 138 | Ultrafast laser-induced negative-index fiber Bragg gratings with enhanced thermal stability. Proceedings of SPIE, 2017, , . | 0.8 | 0 |
| 139 | Fabrication of side-polished fiber Bragg grating for refractive index sensor. , 2018, , . | | 0 |
| 140 | Ultrafast laser inscription of fiber Bragg gratings with low polarization dependent loss. , 2020, , . | | 0 |
| 141 | Polymer-Filled In-Fiber Mach-Zehnder Interferometer with Pt-loaded WO ₃ Coating for Trace Hydrogen Detection. , 2020, , . | | 0 |
| 142 | Highly birefringent fiber grating laser sensors based on femtosecond laser-inscribed in-fiber stressors. , 2020, , . | | 0 |
| 143 | Large-Scale Multiplexed in-Fiber Micro-Cavity Array for Distributed High Temperature Sensing. , 2021, , . | | 0 |
| 144 | High-quality fiber Bragg grating inscribed in ZBLAN fiber using femtosecond laser point-by-point technology. Optics Letters, 0, , . | 3.3 | 0 |