

Ju Han Lee

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Metallic MXene Saturable Absorber for Femtosecond Mode-locked Lasers. <i>Advanced Materials</i> , 2017, 29, 1702496. | 21.0 | 475 |
| 2 | A femtosecond pulse fiber laser at 1935 nm using a bulk-structured Bi ₂ Te ₃ topological insulator. <i>Optics Express</i> , 2014, 22, 7865. | 3.4 | 256 |
| 3 | A femtosecond pulse erbium fiber laser incorporating a saturable absorber based on bulk-structured Bi ₂ Te ₃ topological insulator. <i>Optics Express</i> , 2014, 22, 6165. | 3.4 | 235 |
| 4 | Mode-locked, 194- $\frac{1}{4}$ m, all-fiberized laser using WS ₂ -based evanescent field interaction. <i>Optics Express</i> , 2015, 23, 19996. | 3.4 | 172 |
| 5 | Near-Infrared Saturable Absorption of Defective Bulk-Structured WTe ₂ for Femtosecond Laser Mode-locking. <i>Advanced Functional Materials</i> , 2016, 26, 7454-7461. | 14.9 | 166 |
| 6 | Multilayered graphene efficiently formed by mechanical exfoliation for nonlinear saturable absorbers in fiber mode-locked lasers. <i>Applied Physics Letters</i> , 2010, 97, . | 3.3 | 156 |
| 7 | Femtosecond harmonic mode-locking of a fiber laser at 327 GHz using a bulk-like, MoSe ₂ -based saturable absorber. <i>Optics Express</i> , 2016, 24, 10575. | 3.4 | 126 |
| 8 | Numerical study on the minimum modulation depth of a saturable absorber for stable fiber laser mode locking. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2015, 32, 31. | 2.1 | 125 |
| 9 | Black phosphorus saturable absorber for ultrafast mode-locked pulse laser via evanescent field interaction. <i>Annalen Der Physik</i> , 2015, 527, 770-776. | 2.4 | 115 |
| 10 | Four-wave mixing based 10-Gb/s tunable wavelength conversion using a holey fiber with a high SBS threshold. <i>IEEE Photonics Technology Letters</i> , 2003, 15, 440-442. | 2.5 | 110 |
| 11 | Mode-locked pulse generation from an all-fiberized, Tm-Ho-codoped fiber laser incorporating a graphene oxide-deposited side-polished fiber. <i>Optics Express</i> , 2013, 21, 20062. | 3.4 | 101 |
| 12 | Experimental comparison of a Kerr nonlinearity figure of merit including the stimulated Brillouin scattering threshold for state-of-the-art nonlinear optical fibers. <i>Optics Letters</i> , 2005, 30, 1698. | 3.3 | 100 |
| 13 | van der Waals Layered Tin Selenide as Highly Nonlinear Ultrafast Saturable Absorber. <i>Advanced Optical Materials</i> , 2019, 7, 1801745. | 7.3 | 82 |
| 14 | All-fiberized, femtosecond laser at 1912 nm using a bulk-like MoSe ₂ saturable absorber. <i>Optical Materials Express</i> , 2017, 7, 2968. | 3.0 | 77 |
| 15 | Soliton Distillation of Pulses From a Fiber Laser. <i>Journal of Lightwave Technology</i> , 2021, 39, 2542-2546. | 4.6 | 74 |
| 16 | A Mode-Locked 1.91 μ m Fiber Laser Based on Interaction between Graphene Oxide and Evanescent Field. <i>Applied Physics Express</i> , 2012, 5, 112702. | 2.4 | 67 |
| 17 | Investigation of Brillouin effects in small-core holey optical fiber: lasing and scattering. <i>Optics Letters</i> , 2002, 27, 927. | 3.3 | 59 |
| 18 | A tunable WDM wavelength converter based on cross-phase modulation effects in normal dispersion holey fiber. <i>IEEE Photonics Technology Letters</i> , 2003, 15, 437-439. | 2.5 | 59 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Lasing wavelength and spacing switchable multiwavelength fiber laser from 1510 to 1620 nm. IEEE Photonics Technology Letters, 2005, 17, 989-991. | 2.5 | 57 |
| 20 | Use of 1-mBi ₂ O ₃ nonlinear fiber for 160-Gbit/s optical time-division demultiplexing based on polarization rotation and a wavelength shift induced by cross-phase modulation. Optics Letters, 2005, 30, 1267. | 3.3 | 53 |
| 21 | Ti ₂ AlC-based saturable absorber for passive Q-switching of a fiber laser. Optical Materials Express, 2019, 9, 2057. | 3.0 | 50 |
| 22 | All-normal-dispersion dissipative-soliton fiber laser at 1.06 μm using a bulk-structured Bi ₂ Te ₃ topological insulator-deposited side-polished fiber. Laser Physics, 2014, 24, 105106. | 1.2 | 48 |
| 23 | Chemical Wet Etching of an Optical Fiber Using a Hydrogen Fluoride-Free Solution for a Saturable Absorber Based on the Evanescent Field Interaction. Journal of Lightwave Technology, 2016, 34, 3776-3784. | 4.6 | 48 |
| 24 | Characterization of wavelength-swept active mode locking fiber laser based on reflective semiconductor optical amplifier. Optics Express, 2011, 19, 14586. | 3.4 | 47 |
| 25 | Harmonically mode-locked femtosecond fiber laser using non-uniform, WS ₂ -particle deposited side-polished fiber. Journal of Optics (United Kingdom), 2016, 18, 035502. | 2.2 | 47 |
| 26 | Femtosecond harmonic mode-locking of a fiber laser based on a bulk-structured Bi ₂ Te ₃ topological insulator. Optics Express, 2015, 23, 6359. | 3.4 | 46 |
| 27 | Bismuth-oxide-based nonlinear fiber with a high SBS threshold and its application to four-wave-mixing wavelength conversion using a pure continuous-wave pump. Journal of Lightwave Technology, 2006, 24, 22-28. | 4.6 | 43 |
| 28 | Ultrafast mode-locking in highly stacked Ti ₃ C ₂ T _x MXenes for 1.9- μm infrared femtosecond pulsed lasers. Nanophotonics, 2021, 10, 1741-1751. | 6.0 | 42 |
| 29 | Novel Multiwavelength Erbium-Doped Fiber and Raman Fiber Ring Lasers With Continuous Wavelength Spacing Tunability at Room Temperature. Journal of Lightwave Technology, 2007, 25, 2219-2225. | 4.6 | 40 |
| 30 | All-fiberized, passively Q-switched 1.06 μm laser using a bulk-structured Bi ₂ Te ₃ topological insulator. Journal of Optics (United Kingdom), 2014, 16, 085203. | 2.2 | 39 |
| 31 | A pulse-width-tunable, mode-locked fiber laser based on dissipative soliton resonance using a bulk-structured Bi ₂ Te ₃ topological insulator. Optical Engineering, 2016, 55, 081309. | 1.0 | 39 |
| 32 | Topological Insulators for Mode-locking of 2- μm Fiber Lasers. IEEE Journal of Selected Topics in Quantum Electronics, 2018, , 1-1. | 2.9 | 39 |
| 33 | Raman amplifier-based long-distance remote, strain and temperature sensing system using an erbium-doped fiber and a fiber Bragg grating. Optics Express, 2004, 12, 3515. | 3.4 | 38 |
| 34 | Passively Q-Switched 1.89- μm Fiber Laser Using a Bulk-Structured Bi ₂ Te ₃ Topological Insulator. IEEE Journal of Selected Topics in Quantum Electronics, 2015, 21, 31-36. | 2.9 | 38 |
| 35 | A grating-based OCDMA coding-decoding system incorporating a nonlinear optical loop mirror for improved code recognition and noise reduction. Journal of Lightwave Technology, 2002, 20, 36-46. | 4.6 | 37 |
| 36 | Passively Q-switched 156 μm all-fiberized laser based on evanescent field interaction with bulk-structured bismuth telluride topological insulator. Journal of the Optical Society of America B: Optical Physics, 2014, 31, 2157. | 2.1 | 37 |

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|----|---|-----|-----------|
| 37 | 2 ~ 5 times tunable repetition-rate multiplication of a 10 GHz pulse source using a linearly tunable, chirped fiber Bragg grating. <i>Optics Express</i> , 2004, 12, 3900. | 3.4 | 36 |
| 38 | A detailed experimental study on single-pump Raman/EDFA hybrid amplifiers: static, dynamic, and system performance comparison. <i>Journal of Lightwave Technology</i> , 2005, 23, 3484-3493. | 4.6 | 36 |
| 39 | Filled Skutterudites for Broadband Saturable Absorbers. <i>Advanced Optical Materials</i> , 2017, 5, 1700096. | 7.3 | 36 |
| 40 | All-fiber 80-Gbit/s wavelength converter using 1-m-long Bismuth Oxide-based nonlinear optical fiber with a nonlinearity γ of $1100 \text{ W}^{-1} \text{ km}^{-1}$. <i>Optics Express</i> , 2005, 13, 3144. | 3.4 | 35 |
| 41 | Dispersion-compensating Raman/EDFA hybrid amplifier recycling residual Raman pump for efficiency enhancement. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 43-45. | 2.5 | 35 |
| 42 | A Q-switched, mode-locked fiber laser employing subharmonic cavity modulation. <i>Optics Express</i> , 2011, 19, 26627. | 3.4 | 35 |
| 43 | Large energy, all-fiberized Q-switched pulse laser using a GNRs/PVA saturable absorber. <i>Optical Materials Express</i> , 2015, 5, 1859. | 3.0 | 35 |
| 44 | Four-wave-mixing-based wavelength conversion of 40-Gb/s nonreturn-to-zero signal using 40-cm bismuth oxide nonlinear optical fiber. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 1474-1476. | 2.5 | 32 |
| 45 | Numerical Investigation of the Impact of the Saturable Absorber Recovery Time on the Mode-Locking Performance of Fiber Lasers. <i>Journal of Lightwave Technology</i> , 2020, 38, 4124-4132. | 4.6 | 32 |
| 46 | Discrimination of bending and temperature sensitivities with phase-shifted long-period fiber gratings depending on initial coupling strength. <i>Optics Express</i> , 2004, 12, 3204. | 3.4 | 31 |
| 47 | End-to-End Self-Assembly of Gold Nanorods in Water Solution for Absorption Enhancement at a 1-to-2 μm Band for a Broadband Saturable Absorber. <i>Journal of Lightwave Technology</i> , 2016, 34, 5250-5257. | 4.6 | 31 |
| 48 | Comparative study on temperature-dependent multichannel gain and noise figure distortion for 1.48- and 0.98- μm pumped EDFAs. <i>IEEE Photonics Technology Letters</i> , 1998, 10, 1721-1723. | 2.5 | 29 |
| 49 | Investigation of Raman fiber laser temperature probe based on fiber Bragg gratings for long-distance remote sensing applications. <i>Optics Express</i> , 2004, 12, 1747. | 3.4 | 29 |
| 50 | Continuous-wave supercontinuum laser based on an erbium-doped fiber ring cavity incorporating a highly nonlinear optical fiber. <i>Optics Letters</i> , 2005, 30, 2599. | 3.3 | 29 |
| 51 | Flexible all fiber Fabry-Perot filters based on superimposed chirped fiber Bragg gratings with continuous FSR tunability and its application to a multiwavelength fiber laser. <i>Optics Express</i> , 2007, 15, 2921. | 3.4 | 29 |
| 52 | Graphite saturable absorber based on the pencil-sketching method for Q-switching of an erbium fiber laser. <i>Applied Optics</i> , 2016, 55, 303. | 2.1 | 29 |
| 53 | Investigation of nonlinear optical properties of rhenium diselenide and its application as a femtosecond mode-locker. <i>Photonics Research</i> , 2019, 7, 984. | 7.0 | 28 |
| 54 | All fiber-based 160-Gbit/s add/drop multiplexer incorporating a 1-m-long Bismuth Oxide-based ultra-high nonlinearity fiber. <i>Optics Express</i> , 2005, 13, 6864. | 3.4 | 27 |

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|----|--|-----|-----------|
| 55 | Experimental study on seed light source coherence dependence of continuous-wave supercontinuum performance. <i>Optics Express</i> , 2006, 14, 3443. | 3.4 | 27 |
| 56 | Femtosecond mode-locking of a fiber laser using a CoSb ₃ -skutterudite-based saturable absorber. <i>Photonics Research</i> , 2018, 6, C36. | 7.0 | 27 |
| 57 | Investigation on the nonlinear optical properties of V ₂ C MXene at 1.9 μ m. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15346-15353. | 5.5 | 27 |
| 58 | Passive erbium-doped fiber seed photon generator for high-power Er ³⁺ -doped fiber fluorescent sources with an 80-nm bandwidth. <i>Optics Letters</i> , 1999, 24, 279. | 3.3 | 26 |
| 59 | All-optical modulation and demultiplexing systems with significant timing jitter tolerance through incorporation of pulse-shaping fiber Bragg gratings. <i>IEEE Photonics Technology Letters</i> , 2002, 14, 203-205. | 2.5 | 25 |
| 60 | Continuously spacing-tunable multiwavelength semiconductor-optical-amplifier-based fiber ring laser incorporating a superimposed chirped fiber Bragg grating. <i>Optics Letters</i> , 2007, 32, 1032. | 3.3 | 25 |
| 61 | A self-restorable architecture for bidirectional wavelength-division-multiplexed passive optical network with colorless ONUs. <i>Optics Express</i> , 2007, 15, 4863. | 3.4 | 25 |
| 62 | Fully reconfigurable photonic microwave transversal filter based on digital micromirror device and continuous-wave, incoherent supercontinuum source. <i>Applied Optics</i> , 2007, 46, 5158. | 2.1 | 25 |
| 63 | Extended-reach WDM-PON based on CW supercontinuum light source for colorless FP-LD based OLT and RSOA-based ONUs. <i>Optical Fiber Technology</i> , 2009, 15, 310-319. | 2.7 | 25 |
| 64 | Ultrawideband doublet pulse generation based on nonlinear polarization rotation of an elliptically polarized beam and its distribution over a fiber/wireless link. <i>Optics Express</i> , 2010, 18, 20072. | 3.4 | 23 |
| 65 | Active Q-switching in an erbium-doped fiber laser using an ultrafast silicon-based variable optical attenuator. <i>Optics Express</i> , 2011, 19, 26911. | 3.4 | 23 |
| 66 | Femtosecond Tm ²⁺ /Ho co-doped fiber laser using a bulk-structured Bi ₂ Se ₃ topological insulator. <i>Chinese Physics B</i> , 2018, 27, 094219. | 1.4 | 23 |
| 67 | Reduction of interchannel interference noise in a two-channel grating-based OCDMA system using a nonlinear optical loop mirror. <i>IEEE Photonics Technology Letters</i> , 2001, 13, 529-531. | 2.5 | 22 |
| 68 | Detailed Theoretical and Experimental Study on Single Passband, Photonic Microwave FIR Filter Using Digital Micromirror Device and Continuous-Wave Supercontinuum. <i>Journal of Lightwave Technology</i> , 2008, 26, 2619-2628. | 4.6 | 22 |
| 69 | A Q-switched, 1.89 μ m fiber laser using an Fe ₃ O ₄ -based saturable absorber. <i>Journal of Luminescence</i> , 2018, 195, 181-186. | 3.1 | 22 |
| 70 | Robust mechanical tunability of 2D transition metal carbides via surface termination engineering: Molecular dynamics simulation. <i>Applied Surface Science</i> , 2020, 532, 147380. | 6.1 | 22 |
| 71 | Simultaneous independent measurement of strain and temperature based on long-period fiber gratings inscribed in holey fibers depending on air-hole size. <i>Optics Letters</i> , 2007, 32, 2245. | 3.3 | 21 |
| 72 | High-Q Microwave Filter Using Incoherent, Continuous-Wave Supercontinuum and Dispersion-Profiled Fiber. <i>IEEE Photonics Technology Letters</i> , 2007, 19, 2042-2044. | 2.5 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 73 | Linearly polarized, Q-switched, erbium-doped fiber laser incorporating a bulk-structured bismuth telluride/polyvinyl alcohol saturable absorber. <i>Optical Engineering</i> , 2016, 55, 076109. | 1.0 | 21 |
| 74 | Experimental performance comparison for various continuous-wave supercontinuum schemes: ring cavity and single pass structures. <i>Optics Express</i> , 2005, 13, 4848. | 3.4 | 20 |
| 75 | All-fiber acousto-optic modulator based on a cladding-etched optical fiber for active mode-locking. <i>Photonics Research</i> , 2017, 5, 391. | 7.0 | 20 |
| 76 | All-optical TDM data demultiplexing at 80 Gb/s with significant timing jitter tolerance using a fiber Bragg grating based rectangular pulse switching technology. <i>Journal of Lightwave Technology</i> , 2003, 21, 2518-2523. | 4.6 | 19 |
| 77 | Q-switched mode-locking of an erbium-doped fiber laser using cavity modulation frequency detuning. <i>Applied Optics</i> , 2012, 51, 5295. | 1.8 | 19 |
| 78 | Single, Depolarized, CW Supercontinuum-Based Wavelength-Division-Multiplexed Passive Optical Network Architecture With C-Band OLT, L-Band ONU, and U-Band Monitoring. <i>Journal of Lightwave Technology</i> , 2007, 25, 2891-2897. | 4.6 | 18 |
| 79 | In Situ Synthesis of Graphene with Telecommunication Lasers for Nonlinear Optical Devices. <i>Advanced Optical Materials</i> , 2015, 3, 1264-1272. | 7.3 | 18 |
| 80 | Wide-band tunable wavelength conversion of 10-gb/s nonreturn-to-zero signal using cross-phase-Modulation-induced polarization rotation in 1-m bismuth oxide-based nonlinear optical fiber. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 298-300. | 2.5 | 17 |
| 81 | Output performance investigation of self-phase-modulation-based 2R regenerator using bismuth oxide nonlinear fiber. <i>IEEE Photonics Technology Letters</i> , 2006, 18, 1296-1298. | 2.5 | 17 |
| 82 | Experimental investigation of the cavity modulation frequency detuning effect in an active harmonically mode-locked fiber laser. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2013, 30, 1479. | 2.1 | 17 |
| 83 | Integrated Fiber-Optic Device Based on a Combination of a Piezoelectric Transducer and a Bulk-Structured Bi ₂ Te ₃ Topological Insulator for Q-Switched Mode-Locking of a Fiber Laser. <i>Journal of Lightwave Technology</i> , 2017, 35, 2175-2182. | 4.6 | 17 |
| 84 | Clock recovery and demultiplexing of high-speed OTDM signal through combined use of bismuth oxide nonlinear fiber and erbium-doped bismuth oxide fiber. <i>IEEE Photonics Technology Letters</i> , 2005, 17, 2658-2660. | 2.5 | 16 |
| 85 | Investigation into the impact of the recovery time of a saturable absorber for stable dissipative soliton generation in Yb-doped fiber lasers. <i>Optics Express</i> , 2021, 29, 21978. | 3.4 | 16 |
| 86 | 40 GHz adiabatic compression of a modulator based dual frequency beat signal using Raman amplification in dispersion decreasing fiber. <i>Optics Express</i> , 2004, 12, 2187. | 3.4 | 15 |
| 87 | Facile large-area fabrication of highly selective and permeable few-layered graphene: A molecular dynamics study. <i>Carbon</i> , 2019, 155, 369-378. | 10.3 | 15 |
| 88 | Wavelength-spacing-tunable multichannel filter incorporating a sampled chirped fiber Bragg grating based on a symmetrical chirp-tuning technique without center wavelength shift. <i>Optics Letters</i> , 2006, 31, 3571. | 3.3 | 14 |
| 89 | Nonlinear optical properties of arsenic telluride and its use in ultrafast fiber lasers. <i>Scientific Reports</i> , 2020, 10, 15305. | 3.3 | 14 |
| 90 | Wavelength tunable 10-GHz 3-ps pulse source using a dispersion decreasing fiber-based nonlinear optical loop mirror. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2004, 10, 181-185. | 2.9 | 13 |

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|-----|--|-----|-----------|
| 91 | All-optical 80-Gb/s add-drop multiplexer using fiber-based nonlinear optical loop mirror. IEEE Photonics Technology Letters, 2005, 17, 840-842. | 2.5 | 13 |
| 92 | Raman amplification-based WDM-PON architecture with centralized Raman pump-driven, spectrum-sliced erbium ASE and polarization-insensitive EAMs. Optics Express, 2006, 14, 9036. | 3.4 | 13 |
| 93 | High-Q, tunable, photonic microwave single passband filter based on stimulated Brillouin scattering and fiber Bragg grating filtering. Optics Communications, 2008, 281, 5146-5150. | 2.1 | 13 |
| 94 | Harmonically mode-locked Er-doped fiber laser at 1.3 μ m using a V2AlC MAX phase nanoparticle-based saturable absorber. Optics and Laser Technology, 2022, 145, 107525. | 4.6 | 13 |
| 95 | Wavelength and repetition rate tunable optical pulse source using a chirped fiber Bragg grating and a nonlinear optical loop mirror. IEEE Photonics Technology Letters, 2005, 17, 34-36. | 2.5 | 12 |
| 96 | Spectrally Sampled OCT Imaging Based on 1.7 μ m Continuous-Wave Supercontinuum Source. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 1200-1208. | 2.9 | 12 |
| 97 | Broadband ultrafast photonics of two-dimensional transition metal carbides (MXenes). Nano Futures, 2020, 4, 032003. | 2.2 | 12 |
| 98 | Reduction of temperature-dependent multichannel gain distortion using a hybrid erbium-doped fiber cascade. IEEE Photonics Technology Letters, 1998, 10, 1168-1170. | 2.5 | 11 |
| 99 | Wavelength conversion of 40-Gbit/s NRZ signal using four-wave mixing in 40-cm-long bismuth oxide based highly-nonlinear optical fiber. , 2005, , . | | 11 |
| 100 | Performance comparison of various configurations of single-pump dispersion-compensating Raman/EDFA hybrid amplifiers. IEEE Photonics Technology Letters, 2005, 17, 765-767. | 2.5 | 11 |
| 101 | Analysis of maximum reach in WDM PON architecture based on distributed Raman amplification and pump recycling technique. Optics Express, 2007, 15, 14942. | 3.4 | 11 |
| 102 | Transfer-free synthesis of multilayer graphene using a single-step process in an evaporator and formation confirmation by laser mode-locking. Nanotechnology, 2013, 24, 365603. | 2.6 | 11 |
| 103 | Fiber optic polarization beam splitter using a reduced graphene oxide-based interlayer. Optical Materials, 2015, 46, 324-328. | 3.6 | 11 |
| 104 | Nonlinear optical property measurements of rhenium diselenide used for ultrafast fiber laser mode-locking at 1.9 μ m. Scientific Reports, 2021, 11, 9320. | 3.3 | 11 |
| 105 | Nonlinear optics of MXene in laser technologies. JPhys Materials, 2020, 3, 032004. | 4.2 | 11 |
| 106 | Ultrafast optical nonlinearity of multi-layered graphene synthesized by the interface growth process. Nanotechnology, 2012, 23, 225706. | 2.6 | 10 |
| 107 | Passive mode-locking by a Ti2AlN saturable absorber in 1.5 μ m region. Optik, 2022, 251, 168364. | 2.9 | 10 |
| 108 | Dynamic properties of single pump, dispersion-compensating Raman/EDFA hybrid amplifier recycling residual Raman pump. Optics Express, 2004, 12, 6594. | 3.4 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Ultrawideband Doublet Pulse Generation Based on a Semiconductor Electroabsorption Modulator and Its Distribution Over a Fiber/Wireless Link. <i>Journal of Optical Communications and Networking</i> , 2010, 2, 600. | 4.8 | 9 |
| 110 | One-to-Nine Multicasting of RZ-DPSK Based on Cascaded Four-Wave Mixing in a Highly Nonlinear Fiber Without Stimulated Brillouin Scattering Suppression. <i>IEEE Photonics Technology Letters</i> , 2012, 24, 1882-1885. | 2.5 | 9 |
| 111 | Passive Q-switching of a fiber laser using a side-polished birefringent fiber with index matching gel spread on the flat side. <i>Applied Physics B: Lasers and Optics</i> , 2013, 112, 61-65. | 2.2 | 9 |
| 112 | A 3-D printed saturable absorber for femtosecond mode-locking of a fiber laser. <i>Optical Materials</i> , 2019, 89, 382-389. | 3.6 | 9 |
| 113 | A 3-D-printed, temperature sensor based on mechanically-induced long period fibre gratings. <i>Journal of Modern Optics</i> , 2020, 67, 469-474. | 1.3 | 9 |
| 114 | A Q-switched fiber laser using a Ti ₂ AlN-based saturable absorber. <i>Laser Physics</i> , 2021, 31, 025103. | 1.2 | 9 |
| 115 | A Passively Q-Switched Holmium-Doped Fiber Laser with Graphene Oxide at 2058 nm. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 407. | 2.5 | 9 |
| 116 | Side-mode Suppressed Multiwavelength Fiber Laser and Broadcast Transmission. , 2008, , . | | 8 |
| 117 | Tunable photonic microwave notch filter using SOA-based single-longitudinal mode, dual-wavelength laser. <i>Optics Express</i> , 2009, 17, 13216. | 3.4 | 8 |
| 118 | Generation and Distribution of 1.25 Gb/s Ultrawideband Doublet Pulses Based on the Combination of Nonlinear Polarization Rotation and Parametric Amplification. <i>Journal of Lightwave Technology</i> , 2011, 29, 931-938. | 4.6 | 8 |
| 119 | Experimental investigation into generation of bursts of linearly-polarized, dissipative soliton pulses from a figure-eight fiber laser at 1.03 μm . <i>Japanese Journal of Applied Physics</i> , 2018, 57, 032701. | 1.5 | 8 |
| 120 | Effects of Fiber Cladding Diameter on Cladding-Mode Coupling in Fiber Bragg Gratings. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 1278-1281. | 1.5 | 7 |
| 121 | Switchable dual wavelength erbium-doped fiber laser at room temperature. <i>Microwave and Optical Technology Letters</i> , 2007, 49, 1433-1435. | 1.4 | 7 |
| 122 | Brillouin gain-coefficient measurement for bismuth-oxide-based photonic crystal fiber under significant beam reflection at splicing points. <i>Optics Letters</i> , 2009, 34, 2670. | 3.3 | 7 |
| 123 | Combined effect of pump excited state absorption and pair-induced quenching on the gain and noise figure in bismuth oxide-based Er ³⁺ -doped fiber amplifiers. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011, 28, 2667. | 2.1 | 7 |
| 124 | Single Passband, Discretely Tunable, Photonic Microwave Bandpass Filter Based on Highly Birefringent Fiber-Based Comb Filter. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 7915. | 1.5 | 6 |
| 125 | Noise Reduction in Multiwavelength SOA-Based Ring Laser by Coupled Dual Cavities for WDM Applications. <i>Journal of Lightwave Technology</i> , 2010, 28, 739-745. | 4.6 | 6 |
| 126 | A Band-Separated, Bidirectional Amplifier Based on Erbium-Doped Bismuth Fiber for Long-Reach Hybrid DWDM-TDM Passive Optical Networks. <i>Journal of Optical Communications and Networking</i> , 2012, 4, 165. | 4.8 | 6 |

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|-----|--|-----|-----------|
| 127 | Nonlinear absorption property investigation into MAX phase Ti_2AlC at $1.9\ \mu\text{m}$. <i>Optical Materials Express</i> , 2021, 11, 3556. | 3.0 | 6 |
| 128 | 532-nm second harmonic generation with enhanced efficiency using subharmonic cavity modulation-based quasi-Q-switched-mode-locked pulses. <i>Optics Express</i> , 2020, 28, 25431. | 3.4 | 6 |
| 129 | 1.25 Gbit/s WDM PON Upstream Transmission Using Fabry-Pérot Laser Diodes Injected by Depolarised CW Supercontinuum Source. , 2006, , . | | 5 |
| 130 | Experimental investigation of continuous-wave supercontinuum ring laser composed of clad-pumped Er/Yb codoped fiber and highly-nonlinear optical fiber. <i>Optics Communications</i> , 2006, 266, 681-685. | 2.1 | 5 |
| 131 | Incoherent, CW supercontinuum source based on erbium fiber ASE for optical coherence tomography imaging. , 2009, , . | | 5 |
| 132 | Investigation into nonlinear optical absorption property of CoSb_3 skutterudite in the $2\ \mu\text{m}$ spectral region. <i>Optics and Laser Technology</i> , 2020, 129, 106274. | 4.6 | 5 |
| 133 | Realization of All-Optical Circular Shift Register Using Semiconductor Optical Amplifiers. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 110209. | 1.5 | 5 |
| 134 | Performance comparison of directly-modulated, wavelength-locked Fabry-Pérot laser diode and EAM-modulated, spectrum-sliced ASE source for 1.25 Gb/s WDM-PON. , 2007, , . | | 4 |
| 135 | Experimental study on the effect of codirectional Raman gain on system's performance. <i>Optics Express</i> , 2007, 15, 6146. | 3.4 | 4 |
| 136 | Spectrum Slicing-based, High-Q, Photonic Microwave Filter Using the Combination of Incoherent Continuous-Wave Supercontinuum and Dispersion-Profiled Fiber. , 2008, , . | | 4 |
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