

Sulaiman W Harun

List of Publications by Citations

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882

papers

8,962

citations

42

h-index

51

g-index

969

ext. papers

10,738

ext. citations

1.9

avg, IF

6.52

L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 882 | Current sensor based on microfiber knot resonator. <i>Sensors and Actuators A: Physical</i> , 2011 , 167, 60-62 | 3.9 | 93 |
| 881 | Generation of Mode-Locked Ytterbium Doped Fiber Ring Laser Using Few-Layer Black Phosphorus as a Saturable Absorber. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017 , 23, 39-43 | 3.8 | 89 |
| 880 | C-Band Q-Switched Fiber Laser Using Titanium Dioxide (TiO ₂) As Saturable Absorber. <i>IEEE Photonics Journal</i> , 2016 , 8, 1-7 | 1.8 | 77 |
| 879 | A Stable Dual-wavelength Thulium-doped Fiber Laser at 1.9 μm Using Photonic Crystal Fiber. <i>Scientific Reports</i> , 2015 , 5, 14537 | 4.9 | 64 |
| 878 | Multiwavelength Brillouin/Erbium-Ytterbium fiber laser. <i>Laser Physics Letters</i> , 2007 , 4, 601-603 | 1.5 | 63 |
| 877 | Gain enhancement in L-band EDFA through a double-pass technique. <i>IEEE Photonics Technology Letters</i> , 2002 , 14, 296-297 | 2.2 | 63 |
| 876 | Zinc oxide (ZnO) nanoparticles as saturable absorber in passively Q-switched fiber laser. <i>Optics Communications</i> , 2016 , 381, 72-76 | 2 | 61 |
| 875 | Tapered plastic multimode fiber sensor for salinity detection. <i>Sensors and Actuators A: Physical</i> , 2011 , 171, 219-222 | 3.9 | 61 |
| 874 | A review of recent developed and applications of plastic fiber optic displacement sensors. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014 , 48, 333-345 | 4.6 | 59 |
| 873 | Tunable dual wavelength fiber laser incorporating AWG and optical channel selector by controlling the cavity loss. <i>Optics Communications</i> , 2009 , 282, 4771-4775 | 2 | 58 |
| 872 | A linear cavity Brillouin fiber laser with multiple wavelengths output. <i>Laser Physics Letters</i> , 2008 , 5, 361-363 | | 57 |
| 871 | Black phosphorus crystal as a saturable absorber for both a Q-switched and mode-locked erbium-doped fiber laser. <i>RSC Advances</i> , 2016 , 6, 72692-72697 | 3.7 | 56 |
| 870 | 0.16nm spaced multi-wavelength Brillouin fiber laser in a figure-of-eight configuration. <i>Optics and Laser Technology</i> , 2011 , 43, 866-869 | 4.2 | 56 |
| 869 | Gain clamping in L-band erbium-doped fiber amplifier using a fiber Bragg grating. <i>IEEE Photonics Technology Letters</i> , 2002 , 14, 293-295 | 2.2 | 56 |
| 868 | Multiple wavelength Brillouin fiber laser from injection of intense signal light. <i>Laser Physics Letters</i> , 2007 , 4, 678-680 | 1.5 | 55 |
| 867 | Titanium Dioxide (TiO ₂) film as a new saturable absorber for generating mode-locked Thulium-Holmium doped all-fiber laser. <i>Optics and Laser Technology</i> , 2017 , 89, 16-20 | 4.2 | 54 |
| 866 | High power and compact switchable bismuth based multiwavelength fiber laser. <i>Laser Physics Letters</i> , 2009 , 6, 380-383 | 1.5 | 54 |

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|-----|--|-----|----|
| 865 | Multi-wavelength erbium-doped fiber laser assisted by four-wave mixing effect. <i>Laser Physics Letters</i> , 2009 , 6, 813-815 | 1.5 | 54 |
| 864 | Bismuth-based erbium-doped fiber as a gain medium for L-band amplification and Brillouin fiber laser. <i>Laser Physics</i> , 2010 , 20, 716-719 | 1.2 | 54 |
| 863 | Theoretical analysis and fabrication of tapered fiber. <i>Optik</i> , 2013 , 124, 538-543 | 2.5 | 53 |
| 862 | A Q-Switched Erbium-Doped Fiber Laser with a Carbon Nanotube Based Saturable Absorber. <i>Chinese Physics Letters</i> , 2012 , 29, 114202 | 1.8 | 53 |
| 861 | An overview on S-band erbium-doped fiber amplifiers. <i>Laser Physics Letters</i> , 2007 , 4, 10-15 | 1.5 | 53 |
| 860 | An efficient gain-flattened C-band Erbium-doped fiber amplifier. <i>Laser Physics Letters</i> , 2006 , 3, 536-538 | 1.5 | 53 |
| 859 | Passively Q-switched erbium-doped fiber laser at C-band region based on WS ₂ saturable absorber. <i>Applied Optics</i> , 2016 , 55, 1001-5 | 0.2 | 52 |
| 858 | Double-pass L-band EDFA with enhanced noise figure characteristics. <i>IEEE Photonics Technology Letters</i> , 2003 , 15, 1055-1057 | 2.2 | 52 |
| 857 | 2.0- μm Q-Switched Thulium-Doped Fiber Laser With Graphene Oxide Saturable Absorber. <i>IEEE Photonics Journal</i> , 2013 , 5, 1501108-1501108 | 1.8 | 50 |
| 856 | Flatly broadened supercontinuum generation in nonlinear fibers using a mode locked bismuth oxide based erbium doped fiber laser. <i>Laser Physics Letters</i> , 2011 , 8, 369-375 | 1.5 | 50 |
| 855 | A new configuration of multi-wavelength Brillouin fiber laser. <i>Laser Physics Letters</i> , 2008 , 5, 48-50 | 1.5 | 49 |
| 854 | Latex micro-balloon pumping in centrifugal microfluidic platforms. <i>Lab on A Chip</i> , 2014 , 14, 988-97 | 7.2 | 48 |
| 853 | Multi-wavelength Brillouin fiber laser using a holey fiber and a bismuth-oxide based erbium-doped fiber. <i>Laser Physics Letters</i> , 2009 , 6, 454-457 | 1.5 | 48 |
| 852 | Linear cavity Brillouin fiber laser with improved characteristics. <i>Optics Letters</i> , 2008 , 33, 770-2 | 3 | 48 |
| 851 | An efficient S-band erbium-doped fiber amplifier using double-pass configuration. <i>IEICE Electronics Express</i> , 2005 , 2, 182-185 | 0.5 | 47 |
| 850 | S-band erbium-doped fiber ring laser using a fiber Bragg grating. <i>Laser Physics Letters</i> , 2005 , 2, 369-371 | 1.5 | 47 |
| 849 | A Study of Relative Humidity Fiber-Optic Sensors. <i>IEEE Sensors Journal</i> , 2015 , 15, 1945-1950 | 4 | 46 |
| 848 | Multi-wavelength Brillouin fiber laser using Brillouin-Rayleigh scatterings in distributed Raman amplifier. <i>Laser Physics Letters</i> , 2009 , 6, 737-739 | 1.5 | 46 |

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|-----|---|------|----|
| 847 | Integrated Microfibre Device for Refractive Index and Temperature Sensing. <i>Sensors</i> , 2012 , 12, 11782-11789 | 4.6 | 46 |
| 846 | S-band Q-switched fiber laser using MoSe ₂ saturable absorber. <i>Optics Communications</i> , 2017 , 382, 93-98 | 3.8 | 45 |
| 845 | Multi-wavelength fiber laser in the S-band region using a Sagnac loop mirror as a comb generator in an SOA gain medium. <i>Laser Physics Letters</i> , 2010 , 7, 673-676 | 1.5 | 45 |
| 844 | SOA-based quad-wavelength ring laser. <i>Laser Physics Letters</i> , 2008 , 5, 726-729 | 1.5 | 45 |
| 843 | A linear cavity S-band Brillouin/Erbium fiber laser. <i>Laser Physics Letters</i> , 2006 , 3, 369-371 | 1.5 | 45 |
| 842 | Tapered plastic optical fiber coated with ZnO nanostructures for the measurement of uric acid concentrations and changes in relative humidity. <i>Sensors and Actuators A: Physical</i> , 2014 , 210, 190-196 | 3.9 | 44 |
| 841 | Fibre optic sensors for selected wastewater characteristics. <i>Sensors</i> , 2013 , 13, 8640-68 | 3.8 | 43 |
| 840 | Nickel oxide nanoparticles as a saturable absorber for an all-fiber passively Q-switched erbium-doped fiber laser. <i>Laser Physics</i> , 2017 , 27, 065105 | 1.2 | 42 |
| 839 | S-band Brillouin erbium fibre laser. <i>Electronics Letters</i> , 2005 , 41, 174 | 1.1 | 42 |
| 838 | Passively Q-switched Erbium-doped and Ytterbium-doped fibre lasers with topological insulator bismuth selenide (Bi ₂ Se ₃) as saturable absorber. <i>Optics and Laser Technology</i> , 2017 , 88, 121-127 | 4.2 | 41 |
| 837 | Mode-locked bismuth-based erbium-doped fiber laser with stable and clean femtosecond pulses output. <i>Laser Physics Letters</i> , 2011 , 8, 449-452 | 1.5 | 41 |
| 836 | The performance of a fiber optic displacement sensor for different types of probes and targets. <i>Laser Physics Letters</i> , 2008 , 5, 55-58 | 1.5 | 41 |
| 835 | Relative Humidity Sensing Using a PMMA Doped Agarose Gel Microfiber. <i>Journal of Lightwave Technology</i> , 2017 , 35, 3940-3944 | 4 | 40 |
| 834 | Optical Fiber Relative Humidity Sensor Based on Inline Mach-Zehnder Interferometer With ZnO Nanowires Coating. <i>IEEE Sensors Journal</i> , 2016 , 16, 312-316 | 4 | 40 |
| 833 | AQ-switched erbium-doped fiber laser with a graphene saturable absorber. <i>Laser Physics Letters</i> , 2013 , 10, 025102 | 1.5 | 40 |
| 832 | Compact Brillouin-erbium fiber laser. <i>Optics Letters</i> , 2009 , 34, 46-8 | 3 | 40 |
| 831 | Tunable Q-switched fiber laser using zinc oxide nanoparticles as a saturable absorber. <i>Applied Optics</i> , 2016 , 55, 4277-81 | 0.2 | 39 |
| 830 | Biosensing enhancement of dengue virus using microballoon mixers on centrifugal microfluidic platforms. <i>Biosensors and Bioelectronics</i> , 2015 , 67, 424-30 | 11.8 | 37 |

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|-----|--|-----|----|
| 829 | Q-switched Erbium-doped fiber laser using MoSe ₂ as saturable absorber. <i>Optics and Laser Technology</i> , 2016 , 79, 20-23 | 4.2 | 36 |
| 828 | Inline Microfiber Mach-Zehnder Interferometer for High Temperature Sensing. <i>IEEE Sensors Journal</i> , 2013 , 13, 626-628 | 4 | 36 |
| 827 | Resonance condition of a microfiber knot resonator immersed in liquids. <i>Applied Optics</i> , 2011 , 50, 5912-602 | 6.2 | 36 |
| 826 | Nanosecond soliton pulse generation by mode-locked erbium-doped fiber laser using single-walled carbon-nanotube-based saturable absorber. <i>Applied Optics</i> , 2012 , 51, 8621-4 | 1.7 | 36 |
| 825 | Wide-Band Bismuth-Based Erbium-Doped Fiber Amplifier With a Flat-Gain Characteristic. <i>IEEE Photonics Journal</i> , 2009 , 1, 259-264 | 1.8 | 35 |
| 824 | A PMMA microfiber loop resonator based humidity sensor with ZnO nanorods coating. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017 , 99, 128-133 | 4.6 | 34 |
| 823 | Conducting polymer coated optical microfiber sensor for alcohol detection. <i>Sensors and Actuators A: Physical</i> , 2014 , 205, 58-62 | 3.9 | 34 |
| 822 | Non-adiabatic silica microfiber for strain and temperature sensors. <i>Sensors and Actuators A: Physical</i> , 2013 , 192, 130-132 | 3.9 | 34 |
| 821 | Microfiber loop resonator based temperature sensor. <i>Journal of the European Optical Society-Rapid Publications</i> , 2011 , 6, | 2.5 | 34 |
| 820 | Performance comparison of Zr-based and Bi-based erbium-doped fiber amplifiers. <i>Optics Letters</i> , 2010 , 35, 2882-4 | 3 | 34 |
| 819 | Ultrafast erbium-doped fiber laser mode-locked with a black phosphorus saturable absorber. <i>Laser Physics Letters</i> , 2016 , 13, 095104 | 1.5 | 33 |
| 818 | Q-Switched Ytterbium-Doped Fiber Laser Using Black Phosphorus as Saturable Absorber. <i>Chinese Physics Letters</i> , 2016 , 33, 054206 | 1.8 | 33 |
| 817 | All-fiber dual-wavelength Q-switched and mode-locked EDFL by SMF-THDF-SMF structure as a saturable absorber. <i>Optics Communications</i> , 2017 , 389, 29-34 | 2 | 32 |
| 816 | Wideband EDFA Based on Erbium Doped Crystalline Zirconia Yttria Alumino Silicate Fiber. <i>Journal of Lightwave Technology</i> , 2010 , 28, 2919-2924 | 4 | 32 |
| 815 | Flrpic thin film as saturable absorber for passively Q-switched and mode-locked erbium-doped fiber laser. <i>Optical Fiber Technology</i> , 2019 , 50, 256-262 | 2.4 | 31 |
| 814 | Application of multiple linear regression, central composite design, and ANFIS models in dye concentration measurement and prediction using plastic optical fiber sensor. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015 , 74, 78-86 | 4.6 | 31 |
| 813 | Refractive index sensor based on SPR in symmetrically etched plastic optical fibers. <i>Sensors and Actuators A: Physical</i> , 2016 , 246, 163-169 | 3.9 | 31 |
| 812 | Highly responsive NaCl detector based on inline microfiber Mach-Zehnder interferometer. <i>Sensors and Actuators A: Physical</i> , 2016 , 237, 56-61 | 3.9 | 31 |

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|-----|--|------|----|
| 811 | An efficient multiwavelength light source based on ASE slicing. <i>Laser Physics Letters</i> , 2006 , 3, 495-497 | 1.5 | 31 |
| 810 | A black phosphorus-based tunable Q-switched ytterbium fiber laser. <i>Laser Physics Letters</i> , 2016 , 13, 095103 | 1.03 | 30 |
| 809 | Refractive index and strain sensing using inline Mach-Zehnder interferometer comprising perfluorinated graded-index plastic optical fiber. <i>Sensors and Actuators A: Physical</i> , 2014 , 219, 94-99 | 3.9 | 30 |
| 808 | Graphene-Based Saturable Absorber for Single-Longitudinal-Mode Operation of Highly Doped Erbium-Doped Fiber Laser. <i>IEEE Photonics Journal</i> , 2012 , 4, 467-475 | 1.8 | 30 |
| 807 | Graphene-Oxide-Based Saturable Absorber for All-Fiber Q-Switching With a Simple Optical Deposition Technique. <i>IEEE Photonics Journal</i> , 2012 , 4, 2205-2213 | 1.8 | 30 |
| 806 | Fiber Optic Displacement Sensor for Temperature Measurement. <i>IEEE Sensors Journal</i> , 2012 , 12, 1361-1364 | 1.64 | 30 |
| 805 | High Sensitivity Fiber Bragg Grating Pressure Sensor Using Thin Metal Diaphragm. <i>IEEE Sensors Journal</i> , 2009 , 9, 1654-1659 | 4 | 30 |
| 804 | Bidirectional multiwavelength Brillouin fiber laser generation in a ring cavity. <i>Journal of Optics</i> , 2008 , 10, 055101 | | 30 |
| 803 | Copper oxide nanomaterial saturable absorber as a new passive Q-switcher in erbium-doped fiber laser ring cavity configuration. <i>Results in Physics</i> , 2018 , 10, 264-269 | 3.7 | 29 |
| 802 | Narrow Spacing Dual-Wavelength Fiber Laser Based on Polarization Dependent Loss Control. <i>IEEE Photonics Journal</i> , 2013 , 5, 1502706-1502706 | 1.8 | 29 |
| 801 | Q-switched erbium doped fiber laser based on single and multiple walled carbon nanotubes embedded in polyethylene oxide film as saturable absorber. <i>Optics and Laser Technology</i> , 2015 , 65, 25-28 | 4.2 | 28 |
| 800 | Ultrashort pulse generation with an erbium-doped fiber laser ring cavity based on a copper oxide saturable absorber. <i>Applied Optics</i> , 2018 , 57, 5180-5185 | 1.7 | 28 |
| 799 | Spacing-Switchable Multiwavelength Fiber Laser Based on Nonlinear Polarization Rotation and Brillouin Scattering in Photonic Crystal Fiber. <i>IEEE Photonics Journal</i> , 2012 , 4, 34-38 | 1.8 | 28 |
| 798 | S-band multiwavelength ring Brillouin/Raman fiber laser with 20 GHz channel spacing. <i>Applied Optics</i> , 2012 , 51, 1811-5 | 1.7 | 28 |
| 797 | FWM-based multi-wavelength erbium-doped fiber laser using Bi-EDF. <i>Laser Physics</i> , 2010 , 20, 1414-1417 | 1.2 | 28 |
| 796 | High-sensitivity pressure sensor using a polymer-embedded FBG. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 60-61 | 1.2 | 28 |
| 795 | Optical Fiber Sensing of Salinity and Liquid Level. <i>IEEE Photonics Technology Letters</i> , 2014 , 26, 1742-1745 | 2.2 | 27 |
| 794 | Fiber-Optic Salinity Sensor Using Fiber-Optic Displacement Measurement With Flat and Concave Mirror. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2012 , 18, 1529-1533 | 3.8 | 27 |

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| 793 | Experimental realization and performance evaluation of refractive index SPR sensor based on unmasked short tapered multimode-fiber operating in aqueous environments. <i>Sensors and Actuators A: Physical</i> , 2015 , 236, 38-43 | 3.9 | 26 |
| 792 | Photonic crystal fiber based dual-wavelength Q-switched fiber laser using graphene oxide as a saturable absorber. <i>Applied Optics</i> , 2014 , 53, 3581-6 | 1.7 | 26 |
| 791 | Distributed feedback multimode Brillouin Raman random fiber laser in the S-band. <i>Laser Physics Letters</i> , 2013 , 10, 055102 | 1.5 | 26 |
| 790 | Tapered Plastic Optical Fiber Coated With Graphene for Uric Acid Detection. <i>IEEE Sensors Journal</i> , 2014 , 14, 1704-1709 | 4 | 26 |
| 789 | Reversible thermo-pneumatic valves on centrifugal microfluidic platforms. <i>Lab on A Chip</i> , 2015 , 15, 3358-62 | 7.9 | 25 |
| 788 | Tapered Plastic Optical Fiber Coated With Al-Doped ZnO Nanostructures for Detecting Relative Humidity. <i>IEEE Sensors Journal</i> , 2015 , 15, 845-849 | 4 | 25 |
| 787 | Mode-Locked Erbium-Doped Fiber Laser Using Vanadium Oxide as Saturable Absorber. <i>Chinese Physics Letters</i> , 2018 , 35, 044204 | 1.8 | 25 |
| 786 | Polyaniline (PANI) optical sensor in chloroform detection. <i>Sensors and Actuators B: Chemical</i> , 2018 , 261, 97-105 | 8.5 | 25 |
| 785 | Silver nanoparticle-film based saturable absorber for passively Q-switched erbium-doped fiber laser (EDFL) in ring cavity configuration. <i>Laser Physics</i> , 2016 , 26, 095103 | 1.2 | 25 |
| 784 | Femtosecond mode-locked erbium-doped fiber laser based on MoS ₂ /BVA saturable absorber. <i>Optics and Laser Technology</i> , 2016 , 82, 145-149 | 4.2 | 25 |
| 783 | All fiber mode-locked Erbium-doped fiber laser using single-walled carbon nanotubes embedded into polyvinyl alcohol film as saturable absorber. <i>Optics and Laser Technology</i> , 2014 , 62, 40-43 | 4.2 | 25 |
| 782 | Electrically Tunable Microfiber Knot Resonator Based Erbium-Doped Fiber Laser. <i>IEEE Journal of Quantum Electronics</i> , 2012 , 48, 443-446 | 2 | 25 |
| 781 | A Switchable Figure Eight Erbium-Doped Fiber Laser Based on Inter-Modal Beating By Means of Non-Adiabatic Microfiber. <i>Journal of Lightwave Technology</i> , 2015 , 33, 528-534 | 4 | 25 |
| 780 | All-optical gain-clamped erbium-doped fiber-ring lasing amplifier with laser filtering technique. <i>IEEE Photonics Technology Letters</i> , 2001 , 13, 785-787 | 2.2 | 25 |
| 779 | Investigation of cladding thicknesses on silver SPR based side-polished optical fiber refractive-index sensor. <i>Results in Physics</i> , 2019 , 13, 102255 | 3.7 | 24 |
| 778 | Tunable S-Band Q-Switched Fiber Laser Using Bi ₂ Se ₃ as the Saturable Absorber. <i>IEEE Photonics Journal</i> , 2015 , 7, 1-8 | 1.8 | 24 |
| 777 | Tunable graphene-based Q-switched erbium-doped fiber laser using fiber Bragg grating. <i>Journal of Modern Optics</i> , 2013 , 60, 202-212 | 1.1 | 24 |
| 776 | SOA-based multi-wavelength laser using fiber Bragg gratings. <i>Laser Physics</i> , 2009 , 19, 1002-1005 | 1.2 | 24 |

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|-----|---|-----|----|
| 775 | Multi-wavelength bismuth-based erbium-doped fiber laser based on four-wave mixing effect in photonic crystal fiber. <i>Optics and Laser Technology</i> , 2010 , 42, 1250-1252 | 4.2 | 24 |
| 774 | Q-Switching Pulse Operation in 1.5- μ m Region Using Copper Nanoparticles as Saturable Absorber. <i>Chinese Physics Letters</i> , 2017 , 34, 034205 | 1.8 | 23 |
| 773 | Zinc Oxide-Based Q-Switched Erbium-Doped Fiber Laser. <i>Chinese Physics Letters</i> , 2017 , 34, 044202 | 1.8 | 23 |
| 772 | Multi-walled carbon nanotubes doped Poly(Methyl MethAcrylate) microfiber for relative humidity sensing. <i>Sensors and Actuators A: Physical</i> , 2018 , 272, 274-280 | 3.9 | 23 |
| 771 | S-band Q-switched fiber laser using molybdenum disulfide (MoS ₂) saturable absorber. <i>Laser Physics Letters</i> , 2016 , 13, 035103 | 1.5 | 23 |
| 770 | Controlled side coupling of light to cladding mode of ZnO nanorod coated optical fibers and its implications for chemical vapor sensing. <i>Sensors and Actuators B: Chemical</i> , 2014 , 202, 543-550 | 8.5 | 23 |
| 769 | Current sensor based on inline microfiber Mach-Zehnder interferometer. <i>Sensors and Actuators A: Physical</i> , 2013 , 192, 9-12 | 3.9 | 23 |
| 768 | Temperature-sensitive dual-segment polarization maintaining fiber Sagnac loop mirror. <i>Optics and Laser Technology</i> , 2010 , 42, 377-381 | 4.2 | 23 |
| 767 | Comparison of performances between partial double-pass and full double-pass systems in two-stage L-band EDFA. <i>Laser Physics Letters</i> , 2004 , 1, 610-612 | 1.5 | 23 |
| 766 | PMMA microfiber loop resonator for humidity sensor. <i>Sensors and Actuators A: Physical</i> , 2017 , 260, 112-116 | 3.6 | 22 |
| 765 | MAX phase based saturable absorber for mode-locked erbium-doped fiber laser. <i>Optics and Laser Technology</i> , 2020 , 127, 106186 | 4.2 | 22 |
| 764 | Applied microfiber evanescent wave on ZnO nanorods coated glass surface towards temperature sensing. <i>Sensors and Actuators A: Physical</i> , 2018 , 277, 103-111 | 3.9 | 22 |
| 763 | Visible and near infrared up-conversion luminescence in Yb ³⁺ /Tm ³⁺ co-doped yttria-alumino-silicate glass based optical fibers. <i>Journal of Luminescence</i> , 2013 , 143, 393-401 | 3.8 | 22 |
| 762 | A generation of 2 μ m Q-switched thulium-doped fibre laser based on anatase titanium(IV) oxide film saturable absorber. <i>Journal of Modern Optics</i> , 2017 , 64, 187-190 | 1.1 | 22 |
| 761 | Optical frequency comb generation based on chirping of Mach-Zehnder Modulators. <i>Optics Communications</i> , 2015 , 344, 139-146 | 2 | 22 |
| 760 | Micro-Ball Lensed Fiber-Based Glucose Sensor. <i>IEEE Sensors Journal</i> , 2013 , 13, 348-350 | 4 | 22 |
| 759 | Comparisons of multi-wavelength oscillations using Sagnac loop mirror and Mach-Zehnder interferometer for ytterbium doped fiber lasers. <i>Laser Physics</i> , 2010 , 20, 516-521 | 1.2 | 22 |
| 758 | FBG Sensors for Environmental and Biochemical Applications—A Review. <i>IEEE Sensors Journal</i> , 2020 , 20, 7614-7627 | 4 | 21 |

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|-----|---|-----|----|
| 757 | Q-switched and mode-locked thulium-doped fiber laser with pure Antimony film Saturable absorber. <i>Optics Communications</i> , 2018 , 421, 99-104 | 2 | 21 |
| 756 | Multi-wavelength Brillouin fiber laser using dual-cavity configuration. <i>Laser Physics</i> , 2011 , 21, 205-209 | 1.2 | 21 |
| 755 | Diode-pumped 1028 nm Ytterbium-doped fiber laser with near 90% slope efficiency. <i>Laser Physics</i> , 2010 , 20, 656-660 | 1.2 | 21 |
| 754 | Q-switched and mode-locked thulium doped fiber lasers with nickel oxide film saturable absorber. <i>Optics Communications</i> , 2019 , 447, 6-12 | 2 | 20 |
| 753 | Performance analysis of an all-optical OFDM system in presence of non-linear phase noise. <i>Optics Express</i> , 2015 , 23, 3886-900 | 3.3 | 20 |
| 752 | Q-switched ytterbium-doped fiber laser with zinc oxide based saturable absorber. <i>Laser Physics</i> , 2016 , 26, 115107 | 1.2 | 20 |
| 751 | Q-switched ytterbium-doped fiber laser via a thulium-doped fiber saturable absorber. <i>Applied Optics</i> , 2018 , 57, 6510-6515 | 1.7 | 20 |
| 750 | Graphene-Based Mode-Locked Spectrum-Tunable Fiber Laser Using Mach-Zehnder Filter. <i>IEEE Photonics Journal</i> , 2013 , 5, 1501709-1501709 | 1.8 | 20 |
| 749 | Gain enhancement in partial double-pass L-band EDFA system using a band-pass filter. <i>Laser Physics Letters</i> , 2005 , 2, 36-38 | 1.5 | 20 |
| 748 | A Microfiber Knot Incorporating a Tungsten Disulfide Saturable Absorber Based Multi-Wavelength Mode-Locked Erbium-Doped Fiber Laser. <i>Journal of Lightwave Technology</i> , 2018 , 36, 5633-5639 | 4 | 20 |
| 747 | Titanium dioxide doped fiber as a new saturable absorber for generating mode-locked erbium doped fiber laser. <i>Optik</i> , 2018 , 158, 1327-1333 | 2.5 | 19 |
| 746 | Generation of soliton and bound soliton pulses in mode-locked erbium-doped fiber laser using graphene film as saturable absorber. <i>Journal of Modern Optics</i> , 2016 , 63, 777-782 | 1.1 | 19 |
| 745 | Microfiber Mach-Zehnder interferometer embedded in low index polymer. <i>Optics and Laser Technology</i> , 2012 , 44, 1186-1189 | 4.2 | 19 |
| 744 | Optical fiber humidity sensor based on a tapered fiber with hydroxyethylcellulose/polyvinylidene fluoride composite. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 380-382 | 1.2 | 19 |
| 743 | Study of a fiber optic humidity sensor based on agarose gel. <i>Journal of Modern Optics</i> , 2014 , 61, 244-248 | 1.1 | 19 |
| 742 | Demonstration of side coupling to cladding modes through zinc oxide nanorods grown on multimode optical fiber. <i>Optics Letters</i> , 2013 , 38, 3620-2 | 3 | 19 |
| 741 | Theoretical and experimental study on the fiber optic displacement sensor with two receiving fibers. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 373-375 | 1.2 | 19 |
| 740 | Brillouin fiber laser with a 49 cm long Bismuth-based erbium-doped fiber. <i>Laser Physics Letters</i> , 2010 , 7, 60-62 | 1.5 | 19 |

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|-----|--|-----|----|
| 739 | Ultrashort Pulse Soliton Fiber Laser Generation With Integration of Antimony Film Saturable Absorber. <i>Journal of Lightwave Technology</i> , 2018 , 36, 3522-3527 | 4 | 19 |
| 738 | Lutetium (III) oxide film as passive mode locker device for erbium-doped fibre laser cavity. <i>Optics Communications</i> , 2019 , 446, 51-55 | 2 | 18 |
| 737 | Lutetium oxide film as a passive saturable absorber for generating Q-switched fiber laser at 1570 nm wavelength. <i>Optical Fiber Technology</i> , 2019 , 50, 82-86 | 2.4 | 18 |
| 736 | Tunable dual-wavelength thulium-doped fiber laser at 1.8 μ m region using spatial-mode beating. <i>Journal of Modern Optics</i> , 2015 , 62, 892-896 | 1.1 | 18 |
| 735 | An 8 cm long holmium-doped fiber saturable absorber for Q-switched fiber laser generation at 2- μ m region. <i>Optical Fiber Technology</i> , 2018 , 43, 67-71 | 2.4 | 18 |
| 734 | Dual-wavelength mode-locked erbium-doped fiber laser based on tin disulfide thin film as saturable absorber. <i>Journal of Applied Physics</i> , 2019 , 125, 243104 | 2.5 | 18 |
| 733 | Tapered Plastic Optical Fiber Coated With HEC/PVDF for Measurement of Relative Humidity. <i>IEEE Sensors Journal</i> , 2013 , 13, 4702-4705 | 4 | 18 |
| 732 | Hybrid flat gain C-band optical amplifier with Zr-based erbium-doped fiber and semiconductor optical amplifier. <i>Laser Physics</i> , 2011 , 21, 202-204 | 1.2 | 18 |
| 731 | The performance of double-clad ytterbium-doped fiber laser with different pumping wavelengths. <i>Laser Physics Letters</i> , 2009 , 6, 458-460 | 1.5 | 18 |
| 730 | Double-clad erbium/ytterbium-doped fiber laser with a fiber Bragg grating. <i>Laser Physics Letters</i> , 2009 , 6, 586-589 | 1.5 | 18 |
| 729 | Simple design of optical fiber displacement sensor using a multimode fiber coupler. <i>Laser Physics</i> , 2009 , 19, 1446-1449 | 1.2 | 18 |
| 728 | 17-channels S band multiwavelength Brillouin/Erbium Fiber Laser co-pump with Raman source. <i>Laser Physics</i> , 2009 , 19, 2188-2193 | 1.2 | 18 |
| 727 | Novel O-band tunable fiber laser using an array waveguide grating. <i>Laser Physics Letters</i> , 2010 , 7, 164-167.5 | | 18 |
| 726 | Enhanced bundle fiber displacement sensor based on concave mirror. <i>Sensors and Actuators A: Physical</i> , 2010 , 162, 8-12 | 3.9 | 18 |
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| 724 | Mechanically exfoliated 2D nanomaterials as saturable absorber for Q-switched erbium doped fiber laser. <i>Indian Journal of Physics</i> , 2017 , 91, 1259-1264 | 1.4 | 17 |
| 723 | Microbottle resonator for formaldehyde liquid sensing. <i>Optik</i> , 2018 , 173, 180-184 | 2.5 | 17 |
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| 720 | Multi-wavelength generation using a bismuth-based EDF and Brillouin effect in a linear cavity configuration. <i>Optics and Laser Technology</i> , 2009 , 41, 198-201 | 4.2 | 17 |
| 719 | 37.2dB small-signal gain from Er/Yb Co-doped fiber amplifier with 20mW pump power. <i>Optics and Laser Technology</i> , 2008 , 40, 88-91 | 4.2 | 17 |
| 718 | Domain-wall dark pulse generation in fiber laser incorporating MoS ₂ . <i>Applied Physics B: Lasers and Optics</i> , 2016 , 122, 1 | 1.9 | 17 |
| 717 | Passively Q-switched and mode-locked Erbium-doped fiber laser with topological insulator Bismuth Selenide (Bi ₂ Se ₃) as saturable absorber at C-band region. <i>Optical Fiber Technology</i> , 2019 , 48, 117-122 | 2.4 | 17 |
| 716 | EFFECT OF SIZE ON SINGLE AND DOUBLE OPTICAL MICROBOTTLE RESONATOR HUMIDITY SENSORS. <i>Sensors and Actuators A: Physical</i> , 2018 , 284, 286-291 | 3.9 | 17 |
| 715 | Passively Q-switched erbium-doped fibre laser using cobalt oxide nanocubes as a saturable absorber. <i>Journal of Modern Optics</i> , 2017 , 64, 1315-1320 | 1.1 | 16 |
| 714 | Whispering gallery modes on optical micro-bottle resonator for humidity sensor application. <i>Optik</i> , 2019 , 185, 558-565 | 2.5 | 16 |
| 713 | Enhanced Erbium/Zirconia/Titanium/Aluminum Co-Doped Fiber Amplifier. <i>IEEE Photonics Journal</i> , 2015 , 7, 1-7 | 1.8 | 16 |
| 712 | Q-switched Yb-doped fiber laser operating at 1073 nm using a carbon nanotubes saturable absorber. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 1770-1773 | 1.2 | 16 |
| 711 | Mode-locked L-band bismuth/erbium fiber laser using carbon nanotubes. <i>Applied Physics B: Lasers and Optics</i> , 2014 , 115, 407-412 | 1.9 | 16 |
| 710 | Fiber optic displacement sensor for imaging of tooth surface roughness. <i>Measurement: Journal of the International Measurement Confederation</i> , 2013 , 46, 546-551 | 4.6 | 16 |
| 709 | WIDE-BAND HYBRID AMPLIFIER OPERATING IN S-BAND REGION. <i>Progress in Electromagnetics Research</i> , 2010 , 102, 301-313 | 3.8 | 16 |
| 708 | Dual wavelength erbium-doped fiber laser using a tapered fiber. <i>Journal of Modern Optics</i> , 2010 , 57, 2111-2113 | 1.6 | 16 |
| 707 | Fabrication of tapered fiber based ring resonator. <i>Laser Physics</i> , 2010 , 20, 1629-1631 | 1.2 | 16 |
| 706 | A simple linear cavity dual-wavelength fiber laser using AWG as wavelength selective mechanism. <i>Laser Physics</i> , 2010 , 20, 2006-2010 | 1.2 | 16 |
| 705 | A compact O-plus C-band switchable quad-wavelength fiber laser using arrayed waveguide grating. <i>Laser Physics Letters</i> , 2010 , 7, 597-602 | 1.5 | 16 |
| 704 | Optical characterization of different waist diameter on microfiber loop resonator humidity sensor. <i>Sensors and Actuators A: Physical</i> , 2019 , 285, 200-209 | 3.9 | 16 |

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| 701 | Dumbbell shaped inline Mach-Zehnder interferometer for glucose detection. <i>Measurement: Journal of the International Measurement Confederation</i> , 2015 , 59, 167-170 | 4.6 | 15 |
| 700 | Investigation of Surface Plasmon Resonance (SPR) in MoS ₂ - and WS ₂ -Protected Titanium Side-Polished Optical Fiber as a Humidity Sensor. <i>Micromachines</i> , 2019 , 10, | 3.3 | 15 |
| 699 | Holmium oxide thin film as a saturable absorber for generating Q-switched and mode-locked erbium-doped fiber lasers. <i>Optical Fiber Technology</i> , 2019 , 52, 101996 | 2.4 | 15 |
| 698 | Ultra-narrow linewidth single longitudinal mode Brillouin fiber ring laser using highly nonlinear fiber. <i>Laser Physics Letters</i> , 2013 , 10, 105105 | 1.5 | 15 |
| 697 | Multiwall carbon nanotube polyvinyl alcohol-based saturable absorber in passively Q-switched fiber laser. <i>Applied Optics</i> , 2014 , 53, 7025-9 | 1.7 | 15 |
| 696 | Temperature Sensing Using Frequency Beating Technique From Single-Longitudinal Mode Fiber Laser. <i>IEEE Sensors Journal</i> , 2012 , 12, 2496-2500 | 4 | 15 |
| 695 | Self-Starting Harmonic Mode-Locked Thulium-Doped Fiber Laser with Carbon Nanotubes Saturable Absorber. <i>Chinese Physics Letters</i> , 2013 , 30, 094204 | 1.8 | 15 |
| 694 | Switchable semiconductor optical fiber laser incorporating AWG and broadband FBG with high SMSR. <i>Laser Physics Letters</i> , 2009 , 6, 539-543 | 1.5 | 15 |
| 693 | Multi-wavelength laser generation with Bismuth-based Erbium-doped fiber. <i>Optics Express</i> , 2009 , 17, 203-7 | 3.3 | 15 |
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| 687 | Circuit Model of Fano Resonance on Tetramers, Pentamers, and Broken Symmetry Pentamers. <i>Plasmonics</i> , 2014 , 9, 1303-1313 | 2.4 | 14 |
| 686 | Tunable laser generation with erbium-doped microfiber knot resonator. <i>Laser Physics</i> , 2012 , 22, 588-591 | 1.2 | 14 |

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| 684 | Passively dual-wavelength Q-switched ytterbium doped fiber laser using Selenium Bismuth as saturable absorber. <i>Journal of Modern Optics</i> , 2015 , 62, 1550-1554 | 1.1 | 14 |
| 683 | Performance Comparison of Mode-Locked Erbium-Doped Fiber Laser with Nonlinear Polarization Rotation and Saturable Absorber Approaches. <i>Chinese Physics Letters</i> , 2012 , 29, 054216 | 1.8 | 14 |
| 682 | Estimation of metal surface roughness using fiber optic displacement sensor. <i>Laser Physics</i> , 2010 , 20, 904-909 | 1.2 | 14 |
| 681 | Bismuth-based Brillouin/erbium fiber laser. <i>Journal of Modern Optics</i> , 2008 , 55, 1345-1351 | 1.1 | 14 |
| 680 | Brillouin fibre laser with 20 m-long photonic crystal fibre. <i>Electronics Letters</i> , 2008 , 44, 1065 | 1.1 | 14 |
| 679 | High-energy Q-switched ytterbium-doped all-fiber laser with tris-(8-hydroxyquinoline) aluminum as saturable absorber. <i>Optical Materials Express</i> , 2019 , 9, 3215 | 2.6 | 14 |
| 678 | Dark pulse emission in nonlinear polarization rotation-based multiwavelength mode-locked erbium-doped fiber laser. <i>Chinese Optics Letters</i> , 2014 , 12, 113202-113204 | 2.2 | 14 |
| 677 | Deposition of silver nanoparticles on polyvinyl alcohol film using electron beam evaporation and its application as a passive saturable absorber. <i>Results in Physics</i> , 2018 , 11, 232-236 | 3.7 | 14 |
| 676 | Q-switched ytterbium-doped fiber laser with topological insulator-based saturable absorber. <i>Optical Engineering</i> , 2017 , 56, 056103 | 1.1 | 13 |
| 675 | Performance comparison of enhanced Erbium-Zirconia-Titania-Aluminum co-doped conventional erbium-doped fiber amplifiers. <i>Optik</i> , 2017 , 132, 75-79 | 2.5 | 13 |
| 674 | Holmium Oxide Film as a Saturable Absorber for 2 μ m Q-Switched Fiber Laser. <i>Chinese Physics Letters</i> , 2017 , 34, 054201 | 1.8 | 13 |
| 673 | Multi-wavelength Brillouin Raman erbium-doped fiber laser generation in a linear cavity. <i>Journal of Optics (United Kingdom)</i> , 2014 , 16, 035203 | 1.7 | 13 |
| 672 | Supercontinuum from Zr-EDF using Zr-EDF mode-locked fiber laser. <i>Laser Physics Letters</i> , 2012 , 9, 44-49 | 1.5 | 13 |
| 671 | Thermal Regeneration in Etched-Core Fiber Bragg Grating. <i>IEEE Sensors Journal</i> , 2013 , 13, 2581-2585 | 4 | 13 |
| 670 | Relative Humidity Sensor Employing Optical Fibers Coated with ZnO Nanostructures. <i>Indian Journal of Science and Technology</i> , 2015 , 8, | 1 | 13 |
| 669 | Compact Brillouin Fiber Laser Based on Highly Nonlinear Fiber With 51 Double Spacing Channels. <i>IEEE Photonics Journal</i> , 2012 , 4, 1087-1094 | 1.8 | 13 |
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| 664 | Femtoseconds soliton mode-locked erbium-doped fiber laser based on nickel oxide nanoparticle saturable absorber. <i>Chinese Optics Letters</i> , 2017 , 15, 100602 | 2.2 | 13 |
| 663 | Tris-(8-hydroxyquinoline) aluminium thin film as saturable absorber for passively Q-switched erbium-doped fibre laser. <i>IET Optoelectronics</i> , 2019 , 13, 247-253 | 1.5 | 13 |
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| 659 | Steel Beam Compressive Strain Sensor Using Single-Mode-Multimode-Single-Mode Fiber Structure. <i>IEEE Photonics Journal</i> , 2016 , 8, 1-6 | 1.8 | 12 |
| 658 | Single-mode D-shaped optical fiber sensor for the refractive index monitoring of liquid. <i>Journal of Modern Optics</i> , 2016 , 63, 750-755 | 1.1 | 12 |
| 657 | Nanosecond mode-locked erbium doped fiber laser based on zinc oxide thin film saturable absorber. <i>Indian Journal of Physics</i> , 2019 , 93, 93-99 | 1.4 | 12 |
| 656 | Dissipative soliton generation in Er-doped fibre laser using SnS ₂ as a saturable absorber. <i>Applied Physics Express</i> , 2019 , 12, 102008 | 2.4 | 12 |
| 655 | Passive Q-switched Erbium-doped fiber laser with graphene/polyethylene oxide saturable absorber in three different gain media. <i>Indian Journal of Physics</i> , 2014 , 88, 727-731 | 1.4 | 12 |
| 654 | Regenerated fibre Bragg grating fabricated on high germanium concentration photosensitive fibre for sensing at high temperature. <i>Optics and Laser Technology</i> , 2012 , 44, 821-824 | 4.2 | 12 |
| 653 | Relative humidity sensor employing tapered plastic optical fiber coated with seeded Al-doped ZnO. <i>Optik</i> , 2017 , 144, 257-262 | 2.5 | 12 |
| 652 | Temperature sensing using CdSe quantum dot doped poly(methyl methacrylate) microfiber. <i>Applied Optics</i> , 2017 , 56, 4675-4679 | 0.2 | 12 |
| 651 | Passively Q-Switched EDFL Using a Multi-Walled Carbon Nanotube Polymer Composite Based on a Saturable Absorber. <i>Chinese Physics Letters</i> , 2014 , 31, 034204 | 1.8 | 12 |
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| 647 | Tungsten trioxide (WO ₃) film absorber for generating soliton mode-locked pulses in erbium laser. <i>Optics and Laser Technology</i> , 2020 , 131, 106429 | 4.2 | 12 |
| 646 | Nickel oxide nanoparticles thin film saturable absorber for 1-micron pulsed all-fibre lasers operation. <i>Journal of Modern Optics</i> , 2018 , 65, 1801-1808 | 1.1 | 12 |
| 645 | Mode-locked thulium doped fibre laser with copper thin film saturable absorber. <i>Journal of Modern Optics</i> , 2019 , 66, 1381-1385 | 1.1 | 11 |
| 644 | Generation of Q-switched and mode-locked pulses with Eu ₂ O ₃ saturable absorber. <i>Optics and Laser Technology</i> , 2020 , 127, 106163 | 4.2 | 11 |
| 643 | Tungsten tri-oxide (WO ₃) film absorber for generating Q-switched pulses in erbium laser. <i>Journal of Modern Optics</i> , 2020 , 67, 374-382 | 1.1 | 11 |
| 642 | Cobalt oxide nanocubes thin film as saturable absorber for generating Q-switched fiber lasers at 1 and 1.5 μm in ring cavity configuration. <i>Optical Fiber Technology</i> , 2018 , 45, 128-136 | 2.4 | 11 |
| 641 | Graphene Oxide-Based Q -Switched Erbium-Doped Fiber Laser. <i>Chinese Physics Letters</i> , 2013 , 30, 024208 | 1.8 | 11 |
| 640 | PMMA microfiber coated with Al-doped ZnO nanostructures for detecting uric acid. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 2455-2457 | 1.2 | 11 |
| 639 | Tunable single longitudinal mode S-band fiber laser using a 3 m length of erbium-doped fiber. <i>Journal of Modern Optics</i> , 2012 , 59, 268-273 | 1.1 | 11 |
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| 637 | Proposal and Performance Evaluation of an Efficient RZ-DQPSK Modulation Scheme in All-Optical OFDM Transmission Systems. <i>Journal of Optical Communications and Networking</i> , 2013 , 5, 932 | 4.1 | 11 |
| 636 | Highly stable graphene-assisted tunable dual-wavelength erbium-doped fiber laser. <i>Applied Optics</i> , 2013 , 52, 818-23 | 1.7 | 11 |
| 635 | S-band multiwavelength Brillouin Raman Fiber Laser. <i>Optics Communications</i> , 2011 , 284, 4971-4974 | 2 | 11 |
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| 632 | Lateral and axial displacements measurement using fiber optic sensor based on beam-through technique. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 2038-2040 | 1.2 | 11 |

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| 630 | 1028 nm single mode Ytterbium-doped fiber laser. <i>Laser Physics</i> , 2009 , 19, 1021-1025 | 1.2 | 11 |
| 629 | High output power Erbium-Ytterbium doped cladding pumped fiber amplifier. <i>Laser Physics</i> , 2010 , 20, 1899-1901 | 1.2 | 11 |
| 628 | Linear all-fiber temperature sensor based on macro-bent erbium doped fiber. <i>Laser Physics Letters</i> , 2010 , 7, 739-742 | 1.5 | 11 |
| 627 | L-band erbium-doped fibre amplifier with clamped- and flattened-gain using FBG. <i>Electronics Letters</i> , 2003 , 39, 1238 | 1.1 | 11 |
| 626 | Multiwavelength Laser Comb in L-Band Region with Dual-Cavity Brillouin/Erbium Fiber Laser. <i>Japanese Journal of Applied Physics</i> , 2002 , 41, L1234-L1236 | 1.4 | 11 |
| 625 | Optical Humidity Sensor Based on Tapered Fiber with Multi-walled Carbon Nanotubes Slurry. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2017 , 6, 97 | 1.6 | 11 |
| 624 | Nanosecond passively Q-switched fibre laser using a NiS based saturable absorber. <i>Optics Express</i> , 2019 , 27, 19843-19851 | 3.3 | 11 |
| 623 | Dark pulse mode-locked fibre laser with zirconia-based erbium-doped fibre (Zr-EDF) and Black phosphorus saturable absorber. <i>Optik</i> , 2020 , 223, 165635 | 2.5 | 11 |
| 622 | PAPR reduction in all-optical OFDM based on time interleaving odd and even subcarriers. <i>Optics Communications</i> , 2019 , 437, 237-245 | 2 | 11 |
| 621 | Q-switched Ytterbium doped fibre laser using gold nanoparticles saturable absorber fabricated by electron beam deposition. <i>Optik</i> , 2019 , 182, 241-248 | 2.5 | 11 |
| 620 | An efficient wideband hafnia-bismuth erbium co-doped fiber amplifier with flat-gain over 80 nm wavelength span. <i>Optical Fiber Technology</i> , 2019 , 48, 186-193 | 2.4 | 10 |
| 619 | Mitigation of phase noise in all-optical OFDM systems based on minimizing interaction time between subcarriers. <i>Optics Communications</i> , 2015 , 355, 313-320 | 2 | 10 |
| 618 | Multi-Wavelength Q-Switched Ytterbium-Doped Fiber Laser with Multi-Walled Carbon Nanotubes. <i>Fiber and Integrated Optics</i> , 2018 , 37, 92-102 | 0.8 | 10 |
| 617 | Molybdenum disulfide saturable absorber for eye-safe mode-locked fiber laser generation. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2018 , 27, 1850010 | 0.8 | 10 |
| 616 | Switchable soliton mode-locked and multi-wavelength operation in thulium-doped all-fiber ring laser. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2016 , 25, 1650034 | 0.8 | 10 |
| 615 | Q-switched erbium-doped fiber laser operating at 1502nm with molybdenum disulfide saturable absorber. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2016 , 25, 1650025 | 0.8 | 10 |
| 614 | Q-switched and mode-locked ytterbium-doped fibre lasers with Sb ₂ Te ₃ topological insulator saturable absorber. <i>IET Optoelectronics</i> , 2018 , 12, 180-184 | 1.5 | 10 |

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| 612 | Fiber laser at 2 micron region using double-clad thulium/ytterbium co-doped yttria-alumino-silicate fiber. <i>Laser Physics Letters</i> , 2012 , 9, 50-53 | 1.5 | 10 |
| 611 | AQ-switched multi-wavelength Brillouin erbium fiber laser with a single-walled carbon nanotube saturable absorber. <i>Laser Physics</i> , 2013 , 23, 055101 | 1.2 | 10 |
| 610 | Generation of switchable domain wall and Cubic-Quintic nonlinear Schrödinger equation dark pulse. <i>Optics and Laser Technology</i> , 2015 , 73, 127-129 | 4.2 | 10 |
| 609 | Analytical Model for Broadband Thulium-Bismuth-Doped Fiber Amplifier. <i>IEEE Journal of Quantum Electronics</i> , 2012 , 48, 1052-1058 | 2 | 10 |
| 608 | Wideband tunable Q-switched fiber laser using graphene as a saturable absorber. <i>Journal of Modern Optics</i> , 2013 , 60, 1563-1568 | 1.1 | 10 |
| 607 | Mode-locked thulium-bismuth codoped fiber laser using graphene saturable absorber in ring cavity. <i>Applied Optics</i> , 2013 , 52, 1226-9 | 1.7 | 10 |
| 606 | Tunable high power fiber laser using an AWG as the tuning element. <i>Laser Physics</i> , 2011 , 21, 712-717 | 1.2 | 10 |
| 605 | Compact Bi-EDF-Based Brillouin Erbium Fiber Laser Operating at the 1560-nm Region. <i>IEEE Photonics Journal</i> , 2009 , 1, 254-258 | 1.8 | 10 |
| 604 | Gain and noise figure improvements in a shorter wavelength region of EDFA using a macrobending approach. <i>Laser Physics</i> , 2008 , 18, 1362-1364 | 1.2 | 10 |
| 603 | BRILLOUIN FIBER LASER WITH SIGNIFICANTLY REDUCED GAIN MEDIUM LENGTH OPERATING IN L-BAND REGION. <i>Progress in Electromagnetics Research Letters</i> , 2009 , 8, 143-149 | 0.5 | 10 |
| 602 | Poly(3-hexylthiophene-2,5-diyl) regioregular (P3HT) thin film as saturable absorber for passively Q-switched and mode-locked Erbium-doped fiber laser. <i>Optical Fiber Technology</i> , 2020 , 54, 102073 | 2.4 | 10 |
| 601 | Indium tin oxide coated D-shape fiber as saturable absorber for passively Q-switched erbium-doped fiber laser. <i>Optics and Laser Technology</i> , 2020 , 124, 105998 | 4.2 | 10 |
| 600 | Mode-locking pulse generation with MoS ₂ -PVA saturable absorber in both anomalous and ultra-long normal dispersion regimes. <i>Applied Optics</i> , 2016 , 55, 4247-52 | 0.2 | 10 |
| 599 | Compact and flat-gain fiber optical amplifier with Hafnia-Bismuth-Erbium co-doped fiber. <i>Optik</i> , 2018 , 170, 56-60 | 2.5 | 10 |
| 598 | Formaldehyde sensing using ZnO nanorods coated glass integrated with microfiber. <i>Optics and Laser Technology</i> , 2019 , 120, 105750 | 4.2 | 9 |
| 597 | Multimode interference based fiber-optic sensor for temperature measurement. <i>Journal of Physics: Conference Series</i> , 2019 , 1151, 012023 | 0.3 | 9 |
| 596 | Multi-wavelength Q-switched Erbium-doped fiber laser with photonic crystal fiber and graphene □ Polyethylene oxide saturable absorber. <i>Optik</i> , 2015 , 126, 1495-1498 | 2.5 | 9 |

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| 595 | Mode-locked erbium-doped fiber laser via evanescent field interaction with indium tin oxide. <i>Optical Fiber Technology</i> , 2020 , 55, 102124 | 2.4 | 9 |
| 594 | Tunable passively Q-switched thulium-doped fiber laser operating at 1.9 μm using arrayed waveguide grating (AWG). <i>Optics Communications</i> , 2016 , 380, 195-200 | 2 | 9 |
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| 591 | A tuneable, power efficient and narrow single longitudinal mode fibre ring laser using an inline dual-taper fibre Mach-Zehnder filter. <i>Laser Physics</i> , 2014 , 24, 085111 | 1.2 | 9 |
| 590 | Stable double spacing multiwavelength Brillouin-Erbium doped fiber laser based on highly nonlinear fiber. <i>Laser Physics</i> , 2012 , 22, 977-981 | 1.2 | 9 |
| 589 | Multi-wavelength fiber laser based on nonlinear polarization rotation in semiconductor optical amplifier and photonic crystal fiber. <i>Laser Physics</i> , 2012 , 22, 1257-1259 | 1.2 | 9 |
| 588 | Mode-locked ytterbium-doped fiber laser using mechanically exfoliated black phosphorus as saturable absorber. <i>Optik</i> , 2017 , 147, 52-58 | 2.5 | 9 |
| 587 | Potassium permanganate (KMnO ₄) sensing based on microfiber sensors. <i>Applied Optics</i> , 2017 , 56, 224-228 | 2 | 9 |
| 586 | Q-Switching Pulse Generation with Thulium-Doped Fiber Saturable Absorber. <i>Chinese Physics Letters</i> , 2014 , 31, 124203 | 1.8 | 9 |
| 585 | Tapered plastic optical fiber coated with single wall carbon nanotubes polyethylene oxide composite for measurement of uric acid concentration. <i>Sensor Review</i> , 2014 , 34, 75-79 | 1.4 | 9 |
| 584 | Add-Drop Filter Based on Microfiber Mach-Zehnder/Sagnac Interferometer. <i>IEEE Journal of Quantum Electronics</i> , 2012 , 48, 1411-1414 | 2 | 9 |
| 583 | Passively mode-locked erbium doped zirconia fiber laser using a nonlinear polarisation rotation technique. <i>Optics and Laser Technology</i> , 2013 , 47, 22-25 | 4.2 | 9 |
| 582 | Fiber Optic Displacement Sensor Using Multimode Plastic Fiber Probe and Tooth Surface. <i>IEEE Sensors Journal</i> , 2013 , 13, 294-298 | 4 | 9 |
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| 569 | Q-Switched Raman Fiber Laser with Molybdenum Disulfide-Based Passive Saturable Absorber. <i>Chinese Physics Letters</i> , 2016 , 33, 074208 | 1.8 | 8 |
| 568 | Experimental Observation of Bright and Dark Solitons Mode-Locked with Zirconia-Based Erbium-Doped Fiber Laser. <i>Chinese Physics Letters</i> , 2018 , 35, 024203 | 1.8 | 8 |
| 567 | Applied light-side coupling with optimized spiral-patterned zinc oxide nanorod coatings for multiple optical channel alcohol vapor sensing. <i>Journal of Nanophotonics</i> , 2016 , 10, 036009 | 1.1 | 8 |
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| 564 | Miniature Compact Folded Dipole for Metal Mountable UHF RFID Tag Antenna. <i>Electronics (Switzerland)</i> , 2019 , 8, 713 | 2.6 | 8 |
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| 561 | Demonstration of microfiber hybrid Mach-Zehnder and knot resonator structure. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 100-102 | 1.2 | 8 |
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| 556 | Evanescent wave optical trapping and transport of polystyrene microspheres on microfibers. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 2630-2634 | 1.2 | 8 |
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| 554 | S _O S -Band Bismuth-Doped Fiber Amplifier With Double-Pass Configuration. <i>IEEE Photonics Technology Letters</i> , 2011 , 23, 1860-1862 | 2.2 | 8 |
| 553 | Compact fiber laser at L-band region using Erbium-doped Zirconia fiber. <i>Laser Physics</i> , 2011 , 21, 176-179 | 1.2 | 8 |
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| 551 | L-BAND AMPLIFICATION AND MULTI-WAVELENGTH LASING WITH BISMUTH-BASED ERBIUM DOPED FIBER. <i>Progress in Electromagnetics Research C</i> , 2009 , 6, 1-12 | 0.9 | 8 |
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| 546 | Low noise double pass L-band erbium-doped fiber amplifier. <i>Optics and Laser Technology</i> , 2004 , 36, 245-248 | 1.4 | 8 |
| 545 | Soliton mode-locked Er-doped fiber laser by using Alq ₃ saturable absorber. <i>Optics and Laser Technology</i> , 2020 , 123, 105893 | 4.2 | 8 |
| 544 | All fiber multiwavelength Tm-doped double-clad fiber laser assisted by four-wave mixing in highly nonlinear fiber and Sagnac loop mirror. <i>Optics Communications</i> , 2020 , 456, 124589 | 2 | 8 |
| 543 | Effectiveness of phase-conjugated twin waves on fiber nonlinearity in spatially multiplexed all-optical OFDM system. <i>Optical Fiber Technology</i> , 2016 , 30, 147-152 | 2.4 | 8 |
| 542 | Nickel oxide film saturable absorber for mode-locking operation at 1.55-micron region. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2018 , 27, 1850020 | 0.8 | 8 |

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| 541 | Wideband optical fiber amplifier with short length of enhanced erbium/zirconia/yttria/aluminum co-doped fiber. <i>Optik</i> , 2019 , 182, 194-200 | 2.5 | 7 |
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| 538 | Pure gold saturable absorber for generating Q-switching pulses at 2 μm in Thulium-doped fiber laser cavity. <i>Optical Fiber Technology</i> , 2019 , 50, 23-30 | 2.4 | 7 |
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| 534 | Single mode EDF fiber laser using an ultra-narrow bandwidth tunable optical filter. <i>Optik</i> , 2015 , 126, 179-183 | 2.5 | 7 |
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| 532 | Power-dependent nonlinear optical behaviours of ponceau BS chromophore at 532 nm via Z-scan technique. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 397, 112574 | 4.7 | 7 |
| 531 | MXene Ti ₃ C ₂ T _x as a passive Q-switcher for erbium-doped fiber laser. <i>Optical Fiber Technology</i> , 2020 , 58, 102289 | 2.4 | 7 |
| 530 | Optical dynamic range maximization for humidity sensing by controlling growth of zinc oxide nanorods. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 2018 , 30, 57-64 | 2.6 | 7 |
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| 528 | Nanosecond Pulse Generation with Silver Nanoparticle Saturable Absorber. <i>Chinese Physics Letters</i> , 2019 , 36, 054202 | 1.8 | 7 |
| 527 | Soliton Mode-Locked Erbium-Doped Fiber Laser Using Non-Conductive Graphene Oxide Paper. <i>IEEE Journal of Quantum Electronics</i> , 2014 , 50, 85-87 | 2 | 7 |
| 526 | All fiber passively mode locked zirconium-based erbium-doped fiber laser. <i>Optics and Laser Technology</i> , 2012 , 44, 534-537 | 4.2 | 7 |
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| 524 | Bi ₂ Te ₃ based passively Q-switched at 1042.76 and 1047 nm wavelength. <i>Laser Physics</i> , 2017 , 27, 125102 | 1.2 | 7 |

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| 522 | Low-Cost Transducer Based On Surface Scattering Using Side-Polished D-Shaped Optical Fibers. <i>IEEE Photonics Journal</i> , 2015 , 7, 1-10 | 1.8 | 7 |
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| 520 | Performance evaluation of a bilayer SPR-based fiber optic RI sensor with TiO ₂ using FDTD solutions. <i>Photonic Sensors</i> , 2014 , 4, 289-294 | 2.3 | 7 |
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| 518 | 56 dB Gain EYDFA with improved noise figure with dual-stage partial double pass configuration. <i>Optik</i> , 2012 , 123, 1884-1887 | 2.5 | 7 |
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| 515 | Demonstration of acoustic vibration sensor based on microfiber knot resonator. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 1138-1141 | 1.2 | 7 |
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| 507 | MULTIWAVELENGTH SOURCE USING A BRILLOUIN FIBER LASER. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2008 , 17, 199-203 | 0.8 | 7 |
| 506 | FIBER LOOP MIRROR FILTER WITH TWO-STAGE HIGH BIREFRINGENCE FIBERS. <i>Progress in Electromagnetics Research C</i> , 2009 , 9, 101-108 | 0.9 | 7 |

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| 500 | Passively mode-locked laser at 1 μ m region based on tungsten trioxide (WO ₃) saturable absorber. <i>Optik</i> , 2021 , 231, 166377 | 2.5 | 7 |
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| 498 | Light backscattering (e.g. reflectance) by ZnO nanorods on tips of plastic optical fibres with application for humidity and alcohol vapour sensing. <i>Micro and Nano Letters</i> , 2016 , 11, 832-836 | 0.9 | 7 |
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| 496 | Microfiber loop resonator for formaldehyde liquid sensing. <i>Optik</i> , 2019 , 196, 163174 | 2.5 | 6 |
| 495 | Tapered fiber coated with hydroxyethyl cellulose/polyvinylidene fluoride composite for relative humidity sensor. <i>Sensors and Actuators A: Physical</i> , 2015 , 225, 128-132 | 3.9 | 6 |
| 494 | Fabrication of polymer microfiber through direct drawing and splicing of silica microfiber via vapor spray and flame treatment 2015 , 54, 3863 | | 6 |
| 493 | Inline Mach-Zehnder interferometer with ZnO nanowires coating for the measurement of uric acid concentrations. <i>Sensors and Actuators A: Physical</i> , 2015 , 234, 206-211 | 3.9 | 6 |
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| 491 | Tunable wavelength generation in the 1 μ m region incorporating a 16-channel arrayed waveguide grating (AWG). <i>Laser Physics</i> , 2017 , 27, 125101 | 1.2 | 6 |
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| 489 | Graphene coated silica microfiber for highly sensitive magnesium sensor. <i>Sensors and Actuators A: Physical</i> , 2018 , 273, 67-71 | 3.9 | 6 |
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| 485 | Multi-walled carbon nanotubes saturable absorber in Q-switching flashlamp pumped Nd:YAG laser. <i>Optics and Laser Technology</i> , 2016 , 79, 193-197 | 4.2 | 6 |
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| 482 | Q-switched thulium-doped fiber laser operating at 1920 nm region with multiwalled carbon nanotubes embedded in polyvinyl alcohol. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 2817-2819 ² | 1.2 | 6 |
| 481 | Q-switched erbium-doped fiber laser using multi-layer graphene based saturable absorber. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2014 , 23, 1450009 | 0.8 | 6 |
| 480 | Introduction to the Issue on Fiber Lasers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2014 , 20, 5-7 | 3.8 | 6 |
| 479 | Tunable Radio Frequency Generation Using a Graphene-Based Single Longitudinal Mode Fiber Laser. <i>Journal of Lightwave Technology</i> , 2012 , 30, 2097-2102 | 4 | 6 |
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| 476 | Evaluation of the tapered PMMA fiber sensor response due to the ionic interaction within electrolytic solutions. <i>Journal of Modern Optics</i> , 2014 , 61, 154-160 | 1.1 | 6 |
| 475 | Temperature compensation in determining of Remazol black B concentrations using plastic optical fiber based sensor. <i>Sensors</i> , 2014 , 14, 15836-48 | 3.8 | 6 |
| 474 | Q-switched fibre laser using 21 cm Bismuth-erbium doped fibre and graphene oxide as saturable absorber. <i>Optics Communications</i> , 2014 , 310, 53-57 | 2 | 6 |
| 473 | Multi-wavelength ytterbium doped fiber laser based on longitudinal mode interference. <i>Laser Physics</i> , 2012 , 22, 252-255 | 1.2 | 6 |
| 472 | S-band multiwavelength Brillouin/Raman distributed Bragg reflector fiber lasers. <i>Applied Optics</i> , 2013 , 52, 3753-6 | 1.7 | 6 |
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| 470 | Supercontinuum generation in photonic crystal fiber using femtosecond pulses. <i>Laser Physics</i> , 2011 , 21, 1215-1218 | 1.2 | 6 |

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| 468 | Dual wavelength fibre laser with tunable channel spacing using an SOA and dual AWGs. <i>Journal of Modern Optics</i> , 2009 , 56, 1768-1773 | 1.1 | 6 |
| 467 | Bismuth erbium-doped fiber based multi-wavelength laser assisted by four-wave mixing process. <i>IEICE Electronics Express</i> , 2009 , 6, 40-43 | 0.5 | 6 |
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| 465 | Self-excited brillouinErbbium fiber laser for DWDM applications. <i>Optics and Laser Technology</i> , 2007 , 39, 94-97 | 4.2 | 6 |
| 464 | Q-switched Erbium-doped Fiber Laser with a Black Phosphorus Saturable Absorber. <i>Photonics Letters of Poland</i> , 2017 , 9, 72 | 2.1 | 6 |
| 463 | Q-Switched Ultrafast TDFL Using MWCNTs-SA at 2 μm Region. <i>International Journal of Computer and Communication Engineering</i> , 2014 , 3, 446-449 | 0.2 | 6 |
| 462 | Effect of PMMA and PVA coating on the performance of optical microbottle resonator humidity sensors. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 993-998 | 1.2 | 6 |
| 461 | Q-switched and tunable wavelength fiber laser utilizing nickel oxide saturable absorber and sagnac loop mirror filter. <i>Infrared Physics and Technology</i> , 2020 , 109, 103433 | 2.7 | 6 |
| 460 | Mode-locked generation in thulium-doped fiber linear cavity laser. <i>Optik</i> , 2016 , 127, 11119-11123 | 2.5 | 6 |
| 459 | Microbottle resonator for temperature sensing. <i>Journal of Physics: Conference Series</i> , 2019 , 1371, 012006.3 | 0.3 | 6 |
| 458 | Q-switched and mode-locked erbium-doped fiber laser using gadolinium oxide as saturable absorber. <i>Optical Fiber Technology</i> , 2020 , 57, 102209 | 2.4 | 6 |
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| 455 | TEMPERATURE SENSING BY SIDE COUPLING OF LIGHT THROUGH ZINC OXIDE NANORODS ON OPTICAL FIBERS. <i>Sensors and Actuators A: Physical</i> , 2017 , 257, 15-19 | 3.9 | 5 |
| 454 | Flat-gain and wide-band partial double-pass erbium co-doped fiber amplifier with hybrid gain medium. <i>Optical Fiber Technology</i> , 2019 , 52, 101952 | 2.4 | 5 |
| 453 | The effect of 980 nm and 1480 nm pumping on the performance of newly Hafnium Bismuth Erbium-doped fiber amplifier. <i>Journal of Physics: Conference Series</i> , 2019 , 1151, 012013 | 0.3 | 5 |
| 452 | Multi-lobed double-clad Erbium-Ytterbium co-doped Q-switched fiber laser based on nonlinear polarisation rotation technique. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2015 , 24, 1550002 | 0.8 | 5 |

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| 451 | Passively Q-switched Erbium-Doped Fiber Laser based on Graphene Oxide as Saturable Absorber. <i>Journal of Optical Communications</i> , 2018 , 39, 307-310 | 1.2 | 5 |
| 450 | Highly stable and tunable narrow-spacing dual-wavelength ytterbium-doped fiber using a microfiber Mach-Zehnder interferometer. <i>Optical Engineering</i> , 2016 , 55, 026114 | 1.1 | 5 |
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| 318 | Theoretical and experimental studies on coupler based fiber optic displacement sensor with concave mirror. <i>Optik</i> , 2012 , 123, 2105-2108 | 2.5 | 3 |
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| 309 | High gain S-band semiconductors optical amplifier with double-pass configuration. <i>Laser Physics</i> , 2011 , 21, 1208-1211 | 1.2 | 3 |
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| 288 | Low-profile folded dipole UHF RFID tag antenna with outer strip lines for metal mounting application. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2020 , 28, 2643-2656 | 0.9 | 3 |
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| 275 | Passively Q-switched erbium-doped fiber laser with mechanical exfoliation of 8-HQCdCl2H2O as saturable absorber. <i>Optik</i> , 2021 , 242, 167073 | 2.5 | 3 |
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| 231 | S-BAND BRILLOUIN/ERBIUM FIBER LASER FOR DWDM APPLICATION. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2006 , 15, 309-313 | 0.8 | 2 |
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| 211 | Multi-wavelength mode-locked erbium-doped fiber laser with photonic crystal fiber in figure-of-eight cavity. <i>Optik</i> , 2016 , 127, 5894-5898 | 2.5 | 2 |
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| 202 | Polyvinyl alcohol coating microbottle resonator on whispering gallery modes for ethanol liquid sensor. <i>Optics and Laser Technology</i> , 2021 , 143, 107379 | 4.2 | 2 |
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| 187 | Bismuth (III) Telluride (Bi ₂ Te ₃) Based Topological Insulator Embedded in PVA as Passive Saturable Absorber in Erbium-Doped Fiber Laser. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 210, 012032 | 0.4 | 1 |
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| 167 | Fiber Bragg grating sensor for humidity measurement 2015 , | | 1 |
| 166 | Investigation of nitrogen doped graphene as saturable absorber in Thulium-Doped Fiber Laser 2015 , | | 1 |
| 165 | Nonadiabatic microfiber based mode-locked erbium-doped fiber laser using graphene. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 1670-1673 | 1.2 | 1 |
| 164 | Mode-locked thulium bismuth codoped fiber laser using graphene saturable absorber in ring cavity: reply. <i>Applied Optics</i> , 2014 , 53, 555 | 1.7 | 1 |

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