

# Harith Ahmad

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

988  
papers

10,128  
citations

44  
h-index

56  
g-index

1,078  
ext. papers

11,995  
ext. citations

2  
avg, IF

6.66  
L-index

#	Paper	IF	Citations
988	Chronology of Fabry-Perot interferometer fiber-optic sensors and their applications: a review. <i>Sensors</i> , <b>2014</b> , 14, 7451-88	3.8	203
987	Self-doped block copolymer electrolytes for solid-state, rechargeable lithium batteries. <i>Journal of Power Sources</i> , <b>2001</b> , 97-98, 621-623	8.9	96
986	Current sensor based on microfiber knot resonator. <i>Sensors and Actuators A: Physical</i> , <b>2011</b> , 167, 60-62	3.9	93
985	Towards 5G: A Photonic Based Millimeter Wave Signal Generation for Applying in 5G Access Fronthaul. <i>Scientific Reports</i> , <b>2016</b> , 6, 19891	4.9	85
984	C-Band Q-Switched Fiber Laser Using Titanium Dioxide (TiO <sub>2</sub> ) As Saturable Absorber. <i>IEEE Photonics Journal</i> , <b>2016</b> , 8, 1-7	1.8	77
983	A Stable Dual-wavelength Thulium-doped Fiber Laser at 1.9 $\mu\text{m}$ Using Photonic Crystal Fiber. <i>Scientific Reports</i> , <b>2015</b> , 5, 14537	4.9	64
982	Multiwavelength Brillouin/Erbium-Ytterbium fiber laser. <i>Laser Physics Letters</i> , <b>2007</b> , 4, 601-603	1.5	63
981	Gain enhancement in L-band EDFA through a double-pass technique. <i>IEEE Photonics Technology Letters</i> , <b>2002</b> , 14, 296-297	2.2	63
980	Zinc oxide (ZnO) nanoparticles as saturable absorber in passively Q-switched fiber laser. <i>Optics Communications</i> , <b>2016</b> , 381, 72-76	2	61
979	Tapered plastic multimode fiber sensor for salinity detection. <i>Sensors and Actuators A: Physical</i> , <b>2011</b> , 171, 219-222	3.9	61
978	Using a black phosphorus saturable absorber to generate dual wavelengths in a Q-switched ytterbium-doped fiber laser. <i>Laser Physics Letters</i> , <b>2016</b> , 13, 085102	1.5	60
977	Tunable dual wavelength fiber laser incorporating AWG and optical channel selector by controlling the cavity loss. <i>Optics Communications</i> , <b>2009</b> , 282, 4771-4775	2	58
976	A linear cavity Brillouin fiber laser with multiple wavelengths output. <i>Laser Physics Letters</i> , <b>2008</b> , 5, 361-363	1.5	57
975	Black phosphorus crystal as a saturable absorber for both a Q-switched and mode-locked erbium-doped fiber laser. <i>RSC Advances</i> , <b>2016</b> , 6, 72692-72697	3.7	56
974	0.16nm spaced multi-wavelength Brillouin fiber laser in a figure-of-eight configuration. <i>Optics and Laser Technology</i> , <b>2011</b> , 43, 866-869	4.2	56
973	Gain clamping in L-band erbium-doped fiber amplifier using a fiber Bragg grating. <i>IEEE Photonics Technology Letters</i> , <b>2002</b> , 14, 293-295	2.2	56
972	Multiple wavelength Brillouin fiber laser from injection of intense signal light. <i>Laser Physics Letters</i> , <b>2007</b> , 4, 678-680	1.5	55

971	Titanium Dioxide (TiO <sub>2</sub> ) film as a new saturable absorber for generating mode-locked Thulium-Holmium doped all-fiber laser. <i>Optics and Laser Technology</i> , <b>2017</b> , 89, 16-20	4.2	54
970	High power and compact switchable bismuth based multiwavelength fiber laser. <i>Laser Physics Letters</i> , <b>2009</b> , 6, 380-383	1.5	54
969	Multi-wavelength erbium-doped fiber laser assisted by four-wave mixing effect. <i>Laser Physics Letters</i> , <b>2009</b> , 6, 813-815	1.5	54
968	Bismuth-based erbium-doped fiber as a gain medium for L-band amplification and Brillouin fiber laser. <i>Laser Physics</i> , <b>2010</b> , 20, 716-719	1.2	54
967	Theoretical analysis and fabrication of tapered fiber. <i>Optik</i> , <b>2013</b> , 124, 538-543	2.5	53
966	All-optical graphene oxide humidity sensors. <i>Sensors</i> , <b>2014</b> , 14, 24329-37	3.8	53
965	A Q-Switched Erbium-Doped Fiber Laser with a Carbon Nanotube Based Saturable Absorber. <i>Chinese Physics Letters</i> , <b>2012</b> , 29, 114202	1.8	53
964	An overview on S-band erbium-doped fiber amplifiers. <i>Laser Physics Letters</i> , <b>2007</b> , 4, 10-15	1.5	53
963	An efficient gain-flattened C-band Erbium-doped fiber amplifier. <i>Laser Physics Letters</i> , <b>2006</b> , 3, 536-538	1.5	53
962	Cladless few mode fiber grating sensor for simultaneous refractive index and temperature measurement. <i>Sensors and Actuators A: Physical</i> , <b>2015</b> , 228, 62-68	3.9	52
961	Passively Q-switched erbium-doped fiber laser at C-band region based on WS <sub>2</sub> saturable absorber. <i>Applied Optics</i> , <b>2016</b> , 55, 1001-5	0.2	52
960	Double-pass L-band EDFA with enhanced noise figure characteristics. <i>IEEE Photonics Technology Letters</i> , <b>2003</b> , 15, 1055-1057	2.2	52
959	2.0- $\mu\text{m}$ Q-Switched Thulium-Doped Fiber Laser With Graphene Oxide Saturable Absorber. <i>IEEE Photonics Journal</i> , <b>2013</b> , 5, 1501108-1501108	1.8	50
958	Flatly broadened supercontinuum generation in nonlinear fibers using a mode locked bismuth oxide based erbium doped fiber laser. <i>Laser Physics Letters</i> , <b>2011</b> , 8, 369-375	1.5	50
957	A new configuration of multi-wavelength Brillouin fiber laser. <i>Laser Physics Letters</i> , <b>2008</b> , 5, 48-50	1.5	49
956	Multi-wavelength Brillouin fiber laser using a holey fiber and a bismuth-oxide based erbium-doped fiber. <i>Laser Physics Letters</i> , <b>2009</b> , 6, 454-457	1.5	48
955	Linear cavity Brillouin fiber laser with improved characteristics. <i>Optics Letters</i> , <b>2008</b> , 33, 770-2	3	48
954	An efficient S-band erbium-doped fiber amplifier using double-pass configuration. <i>IEICE Electronics Express</i> , <b>2005</b> , 2, 182-185	0.5	47

953	S-band erbium-doped fiber ring laser using a fiber Bragg grating. <i>Laser Physics Letters</i> , <b>2005</b> , 2, 369-371	1.5	47
952	A Study of Relative Humidity Fiber-Optic Sensors. <i>IEEE Sensors Journal</i> , <b>2015</b> , 15, 1945-1950	4	46
951	Multi-wavelength Brillouin fiber laser using Brillouin-Rayleigh scatterings in distributed Raman amplifier. <i>Laser Physics Letters</i> , <b>2009</b> , 6, 737-739	1.5	46
950	Integrated Microfibre Device for Refractive Index and Temperature Sensing. <i>Sensors</i> , <b>2012</b> , 12, 11782-11789	3.89	46
949	S-band Q-switched fiber laser using MoSe <sub>2</sub> saturable absorber. <i>Optics Communications</i> , <b>2017</b> , 382, 93-98	2	45
948	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> , <b>2010</b> , 7, 673-676	1.5	45
947	SOA-based quad-wavelength ring laser. <i>Laser Physics Letters</i> , <b>2008</b> , 5, 726-729	1.5	45
946	A linear cavity S-band Brillouin/Erbium fiber laser. <i>Laser Physics Letters</i> , <b>2006</b> , 3, 369-371	1.5	45
945	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> , <b>2014</b> , 210, 190-196	3.9	44
944	Long-wavelength EDFA gain enhancement through 1550 nm band signal injection. <i>Optics Communications</i> , <b>2000</b> , 176, 125-129	2	44
943	S-band Brillouin erbium fibre laser. <i>Electronics Letters</i> , <b>2005</b> , 41, 174	1.1	42
942	Mode-locked bismuth-based erbium-doped fiber laser with stable and clean femtosecond pulses output. <i>Laser Physics Letters</i> , <b>2011</b> , 8, 449-452	1.5	41
941	The performance of a fiber optic displacement sensor for different types of probes and targets. <i>Laser Physics Letters</i> , <b>2008</b> , 5, 55-58	1.5	41
940	Relative Humidity Sensing Using a PMMA Doped Agarose Gel Microfiber. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 3940-3944	4	40
939	AQ-switched erbium-doped fiber laser with a graphene saturable absorber. <i>Laser Physics Letters</i> , <b>2013</b> , 10, 025102	1.5	40
938	Compact Brillouin-erbium fiber laser. <i>Optics Letters</i> , <b>2009</b> , 34, 46-8	3	40
937	Tunable Q-switched fiber laser using zinc oxide nanoparticles as a saturable absorber. <i>Applied Optics</i> , <b>2016</b> , 55, 4277-81	0.2	39
936	Stable C-band fiber laser with switchable multi-wavelength output using coupled microfiber Mach-Zehnder interferometer. <i>Optical Fiber Technology</i> , <b>2017</b> , 36, 105-114	2.4	36

935	Synthesis, characterization and biological evaluation of transition metal complexes derived from N, S bidentate ligands. <i>International Journal of Molecular Sciences</i> , <b>2015</b> , 16, 11034-54	6.3	36
934	Room temperature ammonia sensing using tapered multimode fiber coated with polyaniline nanofibers. <i>Optics Express</i> , <b>2015</b> , 23, 2837-45	3.3	36
933	Q-switched Erbium-doped fiber laser using MoSe <sub>2</sub> as saturable absorber. <i>Optics and Laser Technology</i> , <b>2016</b> , 79, 20-23	4.2	36
932	Inline Microfiber Mach-Zehnder Interferometer for High Temperature Sensing. <i>IEEE Sensors Journal</i> , <b>2013</b> , 13, 626-628	4	36
931	Resonance condition of a microfiber knot resonator immersed in liquids. <i>Applied Optics</i> , <b>2011</b> , 50, 5912-602	6.2	36
930	Nanosecond soliton pulse generation by mode-locked erbium-doped fiber laser using single-walled carbon-nanotube-based saturable absorber. <i>Applied Optics</i> , <b>2012</b> , 51, 8621-4	1.7	36
929	Characterization of Mode Coupling in Few-Mode FBG With Selective Mode Excitation. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 1713-1716	2.2	35
928	Mach-Zehnder interferometric magnetic field sensor based on a photonic crystal fiber and magnetic fluid. <i>Applied Optics</i> , <b>2018</b> , 57, 2050-2056	1.7	35
927	Wide-Band Bismuth-Based Erbium-Doped Fiber Amplifier With a Flat-Gain Characteristic. <i>IEEE Photonics Journal</i> , <b>2009</b> , 1, 259-264	1.8	35
926	Variable Waist-Diameter Mach-Zehnder Tapered-Fiber Interferometer as Humidity and Temperature Sensor. <i>IEEE Sensors Journal</i> , <b>2016</b> , 16, 5987-5992	4	35
925	A PMMA microfiber loop resonator based humidity sensor with ZnO nanorods coating. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2017</b> , 99, 128-133	4.6	34
924	In-Fiber Gratings for Simultaneous Monitoring Temperature and Strain in Ultrahigh Temperature. <i>IEEE Photonics Technology Letters</i> , <b>2015</b> , 27, 58-61	2.2	34
923	Non-adiabatic silica microfiber for strain and temperature sensors. <i>Sensors and Actuators A: Physical</i> , <b>2013</b> , 192, 130-132	3.9	34
922	Microfiber loop resonator based temperature sensor. <i>Journal of the European Optical Society-Rapid Publications</i> , <b>2011</b> , 6,	2.5	34
921	Performance comparison of Zr-based and Bi-based erbium-doped fiber amplifiers. <i>Optics Letters</i> , <b>2010</b> , 35, 2882-4	3	34
920	Dual-Wavelength Erbium-Doped Fiber Laser to Generate Terahertz Radiation Using Photonic Crystal Fiber. <i>Journal of Lightwave Technology</i> , <b>2015</b> , 33, 5038-5046	4	33
919	All-fiber dual-wavelength Q-switched and mode-locked EDFL by SMF-THDF-SMF structure as a saturable absorber. <i>Optics Communications</i> , <b>2017</b> , 389, 29-34	2	32
918	Wideband EDFA Based on Erbium Doped Crystalline Zirconia Yttria Alumino Silicate Fiber. <i>Journal of Lightwave Technology</i> , <b>2010</b> , 28, 2919-2924	4	32

917	Highly responsive NaCl detector based on inline microfiber Mach-Zehnder interferometer. <i>Sensors and Actuators A: Physical</i> , <b>2016</b> , 237, 56-61	3.9	31
916	. <i>IEEE Photonics Journal</i> , <b>2014</b> , 6, 1-11	1.8	31
915	An efficient multiwavelength light source based on ASE slicing. <i>Laser Physics Letters</i> , <b>2006</b> , 3, 495-497	1.5	31
914	A black phosphorus-based tunable Q-switched ytterbium fiber laser. <i>Laser Physics Letters</i> , <b>2016</b> , 13, 095103	1.3	30
913	Graphene oxide-based waveguide polariser: from thin film to quasi-bulk. <i>Optics Express</i> , <b>2014</b> , 22, 11090-83	3.3	30
912	Refractive index and strain sensing using inline Mach-Zehnder interferometer comprising perfluorinated graded-index plastic optical fiber. <i>Sensors and Actuators A: Physical</i> , <b>2014</b> , 219, 94-99	3.9	30
911	Graphene-Based Saturable Absorber for Single-Longitudinal-Mode Operation of Highly Doped Erbium-Doped Fiber Laser. <i>IEEE Photonics Journal</i> , <b>2012</b> , 4, 467-475	1.8	30
910	Increment of Access Points in Integrated System of Wavelength Division Multiplexed Passive Optical Network Radio over Fiber. <i>Scientific Reports</i> , <b>2015</b> , 5, 11897	4.9	30
909	Graphene-Oxide-Based Saturable Absorber for All-Fiber Q-Switching With a Simple Optical Deposition Technique. <i>IEEE Photonics Journal</i> , <b>2012</b> , 4, 2205-2213	1.8	30
908	Fiber Optic Displacement Sensor for Temperature Measurement. <i>IEEE Sensors Journal</i> , <b>2012</b> , 12, 1361-1364	1.4	30
907	High Sensitivity Fiber Bragg Grating Pressure Sensor Using Thin Metal Diaphragm. <i>IEEE Sensors Journal</i> , <b>2009</b> , 9, 1654-1659	4	30
906	Bidirectional multiwavelength Brillouin fiber laser generation in a ring cavity. <i>Journal of Optics</i> , <b>2008</b> , 10, 055101		30
905	All optical ultra-wideband signal generation and transmission using mode-locked laser incorporated with add-drop microring resonator. <i>Laser Physics Letters</i> , <b>2015</b> , 12, 065105	1.5	29
904	Turning cigarette butt waste into an alternative control tool against an insecticide-resistant mosquito vector. <i>Acta Tropica</i> , <b>2013</b> , 128, 584-90	3.2	29
903	Narrow Spacing Dual-Wavelength Fiber Laser Based on Polarization Dependent Loss Control. <i>IEEE Photonics Journal</i> , <b>2013</b> , 5, 1502706-1502706	1.8	29
902	Spacing-Switchable Multiwavelength Fiber Laser Based on Nonlinear Polarization Rotation and Brillouin Scattering in Photonic Crystal Fiber. <i>IEEE Photonics Journal</i> , <b>2012</b> , 4, 34-38	1.8	28
901	Generation and transmission of 3 B W-Band multi-input multi-output orthogonal frequency division multiplexing-radio-over-fiber signals using micro-ring resonators. <i>Applied Optics</i> , <b>2014</b> , 53, 8049-54	0.2	28
900	S-band multiwavelength ring Brillouin/Raman fiber laser with 20 GHz channel spacing. <i>Applied Optics</i> , <b>2012</b> , 51, 1811-5	1.7	28

899	FWM-based multi-wavelength erbium-doped fiber laser using Bi-EDF. <i>Laser Physics</i> , <b>2010</b> , 20, 1414-1417	1.2	28
898	High-sensitivity pressure sensor using a polymer-embedded FBG. <i>Microwave and Optical Technology Letters</i> , <b>2008</b> , 50, 60-61	1.2	28
897	Gain enhanced L-band Er/sup 3+/-doped fiber amplifier utilizing unwanted backward ASE. <i>IEEE Photonics Technology Letters</i> , <b>2001</b> , 13, 1067-1069	2.2	28
896	Strain measurement at high temperature environment based on Fabry-Perot interferometer cascaded fiber regeneration grating. <i>Sensors and Actuators A: Physical</i> , <b>2016</b> , 248, 199-205	3.9	27
895	Optical Fiber Sensing of Salinity and Liquid Level. <i>IEEE Photonics Technology Letters</i> , <b>2014</b> , 26, 1742-1745	2.2	27
894	Multi wavelength mode-lock soliton generation using fiber laser loop coupled to an add-drop ring resonator. <i>Optical and Quantum Electronics</i> , <b>2015</b> , 47, 2455-2464	2.4	27
893	Fiber-Optic Salinity Sensor Using Fiber-Optic Displacement Measurement With Flat and Concave Mirror. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2012</b> , 18, 1529-1533	3.8	27
892	Photonic crystal fiber based dual-wavelength Q-switched fiber laser using graphene oxide as a saturable absorber. <i>Applied Optics</i> , <b>2014</b> , 53, 3581-6	1.7	26
891	Distributed feedback multimode Brillouin Raman random fiber laser in the S-band. <i>Laser Physics Letters</i> , <b>2013</b> , 10, 055102	1.5	26
890	Tapered Plastic Optical Fiber Coated With Graphene for Uric Acid Detection. <i>IEEE Sensors Journal</i> , <b>2014</b> , 14, 1704-1709	4	26
889	Tapered Plastic Optical Fiber Coated With Al-Doped ZnO Nanostructures for Detecting Relative Humidity. <i>IEEE Sensors Journal</i> , <b>2015</b> , 15, 845-849	4	25
888	Silver nanoparticle-film based saturable absorber for passively Q-switched erbium-doped fiber laser (EDFL) in ring cavity configuration. <i>Laser Physics</i> , <b>2016</b> , 26, 095103	1.2	25
887	Humidity sensor based on microfiber resonator with reduced graphene oxide. <i>Optik</i> , <b>2016</b> , 127, 3158-3161	1.5	25
886	Femtosecond mode-locked erbium-doped fiber laser based on MoS <sub>2</sub> /VA saturable absorber. <i>Optics and Laser Technology</i> , <b>2016</b> , 82, 145-149	4.2	25
885	Electrically Tunable Microfiber Knot Resonator Based Erbium-Doped Fiber Laser. <i>IEEE Journal of Quantum Electronics</i> , <b>2012</b> , 48, 443-446	2	25
884	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> , <b>2015</b> , 33, 528-534	4	25
883	Multiwavelength, bidirectional operation of twin-cavity Brillouin/erbium fiber laser. <i>Optics Communications</i> , <b>2000</b> , 181, 135-139	2	25
882	All-optical gain-clamped erbium-doped fiber-ring lasing amplifier with laser filtering technique. <i>IEEE Photonics Technology Letters</i> , <b>2001</b> , 13, 785-787	2.2	25



881	Fabrication and simulation studies on D-shaped optical fiber sensor via surface plasmon resonance. <i>Journal of Modern Optics</i> , <b>2017</b> , 64, 1443-1449	1.1	24
880	Tunable S-Band Q-Switched Fiber Laser Using Bi <sub>2</sub> Se <sub>3</sub> as the Saturable Absorber. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-8	1.8	24
879	Simultaneous measurement of aliphatic alcohol concentration and temperature based on etched taper FBG. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 202, 959-963	8.5	24
878	Tunable graphene-based Q-switched erbium-doped fiber laser using fiber Bragg grating. <i>Journal of Modern Optics</i> , <b>2013</b> , 60, 202-212	1.1	24
877	SOA-based multi-wavelength laser using fiber Bragg gratings. <i>Laser Physics</i> , <b>2009</b> , 19, 1002-1005	1.2	24
876	Multi-wavelength bismuth-based erbium-doped fiber laser based on four-wave mixing effect in photonic crystal fiber. <i>Optics and Laser Technology</i> , <b>2010</b> , 42, 1250-1252	4.2	24
875	Graphene-based Q-switched pulsed fiber laser in a linear configuration. <i>Chinese Optics Letters</i> , <b>2012</b> , 10, 041405-41408	2.2	24
874	S-band Q-switched fiber laser using molybdenum disulfide (MoS <sub>2</sub> ) saturable absorber. <i>Laser Physics Letters</i> , <b>2016</b> , 13, 035103	1.5	23
873	Current sensor based on inline microfiber Mach-Zehnder interferometer. <i>Sensors and Actuators A: Physical</i> , <b>2013</b> , 192, 9-12	3.9	23
872	Axial contraction in etched optical fiber due to internal stress reduction. <i>Optics Express</i> , <b>2013</b> , 21, 2551-623	3.3	23
871	Temperature-sensitive dual-segment polarization maintaining fiber Sagnac loop mirror. <i>Optics and Laser Technology</i> , <b>2010</b> , 42, 377-381	4.2	23
870	Comparison of performances between partial double-pass and full double-pass systems in two-stage L-band EDFA. <i>Laser Physics Letters</i> , <b>2004</b> , 1, 610-612	1.5	23
869	Ag-nanoparticle as a Q switched device for tunable C-band fiber laser. <i>Optics Communications</i> , <b>2016</b> , 381, 85-90	2	23
868	PMMA microfiber loop resonator for humidity sensor. <i>Sensors and Actuators A: Physical</i> , <b>2017</b> , 260, 112-116	3.6	22
867	All-fiber magnetic field sensor based on tapered thin-core fiber and magnetic fluid. <i>Applied Optics</i> , <b>2017</b> , 56, 200-204	0.2	22
866	Application of graphene oxide based Microfiber-Knot resonator for relative humidity sensing. <i>Results in Physics</i> , <b>2018</b> , 9, 1572-1577	3.7	22
865	A generation of 2 $\mu$ m Q-switched thulium-doped fibre laser based on anatase titanium(IV) oxide film saturable absorber. <i>Journal of Modern Optics</i> , <b>2017</b> , 64, 187-190	1.1	22
864	Tunable Q-switched thulium-doped Fiber Laser using multiwall carbon nanotube and Fabry-Perot Etalon filter. <i>Optics Communications</i> , <b>2017</b> , 383, 359-365	2	22



863	Optical frequency comb generation based on chirping of Mach-Zehnder Modulators. <i>Optics Communications</i> , <b>2015</b> , 344, 139-146	2	22
862	Micro-Ball Lensed Fiber-Based Glucose Sensor. <i>IEEE Sensors Journal</i> , <b>2013</b> , 13, 348-350	4	22
861	Comparisons of multi-wavelength oscillations using Sagnac loop mirror and Mach-Zehnder interferometer for ytterbium doped fiber lasers. <i>Laser Physics</i> , <b>2010</b> , 20, 516-521	1.2	22
860	Ultra-Sensitive Humidity Sensor Based on Optical Properties of Graphene Oxide and Nano-Anatase TiO <sub>2</sub> . <i>PLoS ONE</i> , <b>2016</b> , 11, e0153949	3.7	22
859	Q-switched ytterbium doped fiber laser using multi-walled carbon nanotubes saturable absorber. <i>Chinese Optics Letters</i> , <b>2014</b> , 12, 031403-31406	2.2	22
858	Nano-Anatase TiO <sub>2</sub> for High Performance Optical Humidity Sensing on Chip. <i>Sensors</i> , <b>2015</b> , 16,	3.8	22
857	Dual-Wavelength Fiber Lasers for the Optical Generation of Microwave and Terahertz Radiation. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , <b>2014</b> , 20, 166-173	3.8	21
856	Multi-wavelength Brillouin fiber laser using dual-cavity configuration. <i>Laser Physics</i> , <b>2011</b> , 21, 205-209	1.2	21
855	Diode-pumped 1028 nm Ytterbium-doped fiber laser with near 90% slope efficiency. <i>Laser Physics</i> , <b>2010</b> , 20, 656-660	1.2	21
854	A Recent Progress of Steel Bar Corrosion Diagnostic Techniques in RC Structures. <i>Sensors</i> , <b>2018</b> , 19,	3.8	21
853	Studies of Ag/TiO <sub>2</sub> plasmonics structures integrated in side polished optical fiber used as humidity sensor. <i>Results in Physics</i> , <b>2018</b> , 10, 308-316	3.7	21
852	Q-switched and mode-locked thulium doped fiber lasers with nickel oxide film saturable absorber. <i>Optics Communications</i> , <b>2019</b> , 447, 6-12	2	20
851	Performance analysis of an all-optical OFDM system in presence of non-linear phase noise. <i>Optics Express</i> , <b>2015</b> , 23, 3886-900	3.3	20
850	Q-switched ytterbium-doped fiber laser with zinc oxide based saturable absorber. <i>Laser Physics</i> , <b>2016</b> , 26, 115107	1.2	20
849	Graphene-Based Mode-Locked Spectrum-Tunable Fiber Laser Using Mach-Zehnder Filter. <i>IEEE Photonics Journal</i> , <b>2013</b> , 5, 1501709-1501709	1.8	20
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841	Microfiber Mach-Zehnder interferometer embedded in low index polymer. <i>Optics and Laser Technology</i> , <b>2012</b> , 44, 1186-1189	4.2	19
840	Optical fiber humidity sensor based on a tapered fiber with hydroxyethylcellulose/polyvinylidene fluoride composite. <i>Microwave and Optical Technology Letters</i> , <b>2014</b> , 56, 380-382	1.2	19
839	Study of a fiber optic humidity sensor based on agarose gel. <i>Journal of Modern Optics</i> , <b>2014</b> , 61, 244-248	1.1	19
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837	Brillouin fiber laser with a 49 cm long Bismuth-based erbium-doped fiber. <i>Laser Physics Letters</i> , <b>2010</b> , 7, 60-62	1.5	19
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834	Tunable dual-wavelength thulium-doped fiber laser at 1.8 $\mu$ m region using spatial-mode beating. <i>Journal of Modern Optics</i> , <b>2015</b> , 62, 892-896	1.1	18
833	Photo-induced reduction of graphene oxide coating on optical waveguide and consequent optical intermodulation. <i>Scientific Reports</i> , <b>2016</b> , 6, 23813	4.9	18
832	Evanescent field interaction of tapered fiber with graphene oxide in generation of wide-bandwidth mode-locked pulses. <i>Optics and Laser Technology</i> , <b>2017</b> , 88, 166-171	4.2	18
831	Tilted Fiber Bragg Grating Sensors for Reinforcement Corrosion Measurement in Marine Concrete Structure. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2015</b> , 64, 3510-3516	5.2	18
830	Tapered Plastic Optical Fiber Coated With HEC/PVDF for Measurement of Relative Humidity. <i>IEEE Sensors Journal</i> , <b>2013</b> , 13, 4702-4705	4	18
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828	The performance of double-clad ytterbium-doped fiber laser with different pumping wavelengths. <i>Laser Physics Letters</i> , <b>2009</b> , 6, 458-460	1.5	18

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819	Tunable passively Q-switched erbium-doped fiber laser with Chitosan/MoS <sub>2</sub> saturable absorber. <i>Optics and Laser Technology</i> , <b>2018</b> , 103, 199-205	4.2	17
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817	A highly stable and switchable dual-wavelength laser using coupled microfiber Mach-Zehnder interferometer as an optical filter. <i>Optics and Laser Technology</i> , <b>2017</b> , 97, 12-19	4.2	17
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711	New Design of a Thulium-Aluminum-Doped Fiber Amplifier Based on Macro-Bending Approach. <i>Journal of Lightwave Technology</i> , <b>2012</b> , 30, 3263-3272	4	11
710	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> , <b>2013</b> , 5, 932	4.1	11
709	Highly stable graphene-assisted tunable dual-wavelength erbium-doped fiber laser. <i>Applied Optics</i> , <b>2013</b> , 52, 818-23	1.7	11
708	Note: Fabrication of tapered fibre tip using mechanical polishing method. <i>Review of Scientific Instruments</i> , <b>2011</b> , 82, 086115	1.7	11
707	S-band multiwavelength Brillouin Raman Fiber Laser. <i>Optics Communications</i> , <b>2011</b> , 284, 4971-4974	2	11
706	Gain-flattened S-band depressed cladding erbium doped fiber amplifier with a flat bandwidth of 12 nm using a Tunable Mach-Zehnder Filter. <i>Laser Physics</i> , <b>2011</b> , 21, 1633-1637	1.2	11
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704	Lateral and axial displacements measurement using fiber optic sensor based on beam-through technique. <i>Microwave and Optical Technology Letters</i> , <b>2009</b> , 51, 2038-2040	1.2	11
703	Multiwavelength ytterbium-doped fiber ring laser. <i>Microwave and Optical Technology Letters</i> , <b>2009</b> , 51, 2511-2512	1.2	11
702	1028 nm single mode Ytterbium-doped fiber laser. <i>Laser Physics</i> , <b>2009</b> , 19, 1021-1025	1.2	11

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699	L-band erbium-doped fibre amplifier with clamped- and flattened-gain using FBG. <i>Electronics Letters</i> , <b>2003</b> , 39, 1238	1.1	11
698	Multiwavelength Laser Comb in L-Band Region with Dual-Cavity Brillouin/Erbium Fiber Laser. <i>Japanese Journal of Applied Physics</i> , <b>2002</b> , 41, L1234-L1236	1.4	11
697	Cascaded Fabry-Perot interferometer-regenerated fiber Bragg grating structure for temperature-strain measurement under extreme temperature conditions. <i>Optics Express</i> , <b>2020</b> , 28, 30478-30488	2.3	11
696	Switchable Q-switched and mode-locked erbium-doped fiber laser operating in the L-band region. <i>Chinese Optics Letters</i> , <b>2013</b> , 11, 073201-73203	2.2	11
695	Generation of passively Q-switched fiber laser at 1 $\mu$ m by using MoSSe as a saturable absorber. <i>Chinese Optics Letters</i> , <b>2017</b> , 15, 020601-20605	2.2	11
694	Q-switched Ytterbium doped fibre laser using gold nanoparticles saturable absorber fabricated by electron beam deposition. <i>Optik</i> , <b>2019</b> , 182, 241-248	2.5	11
693	Fabrication and Characterization of Microbent Inline Microfiber Interferometer for Compact Temperature and Current Sensing Applications. <i>Journal of Lightwave Technology</i> , <b>2017</b> , 35, 2150-2155	4	10
692	An efficient wideband hafnia-bismuth erbium co-doped fiber amplifier with flat-gain over 80 nm wavelength span. <i>Optical Fiber Technology</i> , <b>2019</b> , 48, 186-193	2.4	10
691	Nanolitre solution drop-casting for selective area graphene oxide coating on planar surfaces. <i>Materials Chemistry and Physics</i> , <b>2020</b> , 249, 122970	4.4	10
690	Molybdenum disulfide saturable absorber for eye-safe mode-locked fiber laser generation. <i>Journal of Nonlinear Optical Physics and Materials</i> , <b>2018</b> , 27, 1850010	0.8	10
689	Infrared photodetectors based on reduced graphene oxide nanoparticles and graphene oxide. <i>Laser Physics</i> , <b>2018</b> , 28, 066204	1.2	10
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687	Switchable soliton mode-locked and multi-wavelength operation in thulium-doped all-fiber ring laser. <i>Journal of Nonlinear Optical Physics and Materials</i> , <b>2016</b> , 25, 1650034	0.8	10
686	Q-switched erbium-doped fiber laser operating at 1502nm with molybdenum disulfide saturable absorber. <i>Journal of Nonlinear Optical Physics and Materials</i> , <b>2016</b> , 25, 1650025	0.8	10
685	Fiber laser at 2 micron region using double-clad thulium/ytterbium co-doped yttria-alumino-silicate fiber. <i>Laser Physics Letters</i> , <b>2012</b> , 9, 50-53	1.5	10
684	AQ-switched multi-wavelength Brillouin erbium fiber laser with a single-walled carbon nanotube saturable absorber. <i>Laser Physics</i> , <b>2013</b> , 23, 055101	1.2	10

683	The influence of aqueous sodium dodecyl sulphate solution in the photoresponsivity of nitrogen doped graphene oxide photodetector. <i>Optical Materials</i> , <b>2017</b> , 73, 441-448	3.3	10
682	Curvature and Temperature Measurement Based on a Few-Mode PCF Formed M-Z-I and an Embedded FBG. <i>Sensors</i> , <b>2017</b> , 17,	3.8	10
681	Generation of switchable domain wall and Cubic-Quintic nonlinear Schrödinger equation dark pulse. <i>Optics and Laser Technology</i> , <b>2015</b> , 73, 127-129	4.2	10
680	Stable Dual-Wavelength Coherent Source With Tunable Wavelength Spacing Generated By Spectral Slicing a Mode-Locked Laser Using Microring Resonator. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-11	1.8	10
679	Analytical Model for Broadband Thulium-Bismuth-Doped Fiber Amplifier. <i>IEEE Journal of Quantum Electronics</i> , <b>2012</b> , 48, 1052-1058	2	10
678	Wideband tunable Q-switched fiber laser using graphene as a saturable absorber. <i>Journal of Modern Optics</i> , <b>2013</b> , 60, 1563-1568	1.1	10
677	Mode-locked thulium-bismuth codoped fiber laser using graphene saturable absorber in ring cavity. <i>Applied Optics</i> , <b>2013</b> , 52, 1226-9	1.7	10
676	Tunable high power fiber laser using an AWG as the tuning element. <i>Laser Physics</i> , <b>2011</b> , 21, 712-717	1.2	10
675	Compact Bi-EDF-Based Brillouin Erbium Fiber Laser Operating at the 1560-nm Region. <i>IEEE Photonics Journal</i> , <b>2009</b> , 1, 254-258	1.8	10
674	Gain and noise figure improvements in a shorter wavelength region of EDFA using a macrobending approach. <i>Laser Physics</i> , <b>2008</b> , 18, 1362-1364	1.2	10
673	Design optimisation of erbium-doped fibre ring laser through numerical simulation. <i>Optics Communications</i> , <b>1999</b> , 170, 247-253	2	10
672	BRILLOUIN FIBER LASER WITH SIGNIFICANTLY REDUCED GAIN MEDIUM LENGTH OPERATING IN L-BAND REGION. <i>Progress in Electromagnetics Research Letters</i> , <b>2009</b> , 8, 143-149	0.5	10
671	Self-starting harmonic mode-locked Tm-Bi co-doped germanate fiber laser with carbon nanotube-based saturable absorber. <i>Chinese Optics Letters</i> , <b>2013</b> , 11, 063201-63203	2.2	10
670	Multiwavelength generation using an add-drop microring resonator integrated with an InGaAsP/InP sampled grating distributed feedback. <i>Chinese Optics Letters</i> , <b>2016</b> , 14, 021301-21306	2.2	10
669	Generation of mode-locked noise-like pulses in double-clad Tm-doped fibre laser with nonlinear optical loop mirror. <i>Journal of Modern Optics</i> , <b>2020</b> , 67, 146-152	1.1	10
668	Q-Switched Fiber Laser at $1.5\sim\mu\text{m}$ Region Using Ti3AlC2 MAX Phase-Based Saturable Absorber. <i>IEEE Journal of Quantum Electronics</i> , <b>2020</b> , 56, 1-6	2	10
667	Reduced Graphene Oxide-Silver Nanoparticles for Optical Pulse Generation in Ytterbium- and Erbium-Doped Fiber Lasers. <i>Scientific Reports</i> , <b>2020</b> , 10, 9408	4.9	10
666	Vibration Mode Analysis for a Suspension Bridge by Using Low-Frequency Cantilever-Based FBG Accelerometer Array. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-8	5.2	10

665	Compact and flat-gain fiber optical amplifier with Hafnia-Bismuth-Erbium co-doped fiber. <i>Optik</i> , <b>2018</b> , 170, 56-60	2.5	10
664	Lithium-Ion Battery State of Charge (SoC) Estimation with Non-Electrical parameter using Uniform Fiber Bragg Grating (FBG). <i>Journal of Energy Storage</i> , <b>2021</b> , 40, 102704	7.8	10
663	Characterization of arc-shaped side-polished fiber. <i>Optical and Quantum Electronics</i> , <b>2017</b> , 49, 1	2.4	9
662	CO2 Laser Applications in Optical Fiber Components Fabrication and Treatment: A Review. <i>IEEE Sensors Journal</i> , <b>2017</b> , 17, 2961-2974	4	9
661	Multimode interference based fiber-optic sensor for temperature measurement. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1151, 012023	0.3	9
660	Multi-wavelength Q-switched Erbium-doped fiber laser with photonic crystal fiber and graphene □ Polyethylene oxide saturable absorber. <i>Optik</i> , <b>2015</b> , 126, 1495-1498	2.5	9
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658	Noncontact Optical Displacement Sensor Using an Adiabatic U-Shaped Tapered Fiber. <i>IEEE Sensors Journal</i> , <b>2015</b> , 15, 5388-5392	4	9
657	56 nm Wide-Band Tunable Q-Switched Erbium Doped Fiber Laser with Tungsten Ditelluride (WTe) Saturable Absorber. <i>Scientific Reports</i> , <b>2020</b> , 10, 9860	4.9	9
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655	Modeling of dispersion engineered chalcogenide rib waveguide for ultraflat mid-infrared supercontinuum generation in all-normal dispersion regime. <i>Applied Physics B: Lasers and Optics</i> , <b>2018</b> , 124, 1	1.9	9
654	Multi-wavelength Praseodymium fiber laser using stimulated Brillouin scattering. <i>Optics and Laser Technology</i> , <b>2018</b> , 99, 52-59	4.2	9
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652	Tunable microwave output over a wide RF region generated by an optical dual-wavelength fiber laser. <i>Laser Physics</i> , <b>2014</b> , 24, 105116	1.2	9
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650	Multi-wavelength fiber laser based on nonlinear polarization rotation in semiconductor optical amplifier and photonic crystal fiber. <i>Laser Physics</i> , <b>2012</b> , 22, 1257-1259	1.2	9
649	Potassium permanganate (KMnO <sub>4</sub> ) sensing based on microfiber sensors. <i>Applied Optics</i> , <b>2017</b> , 56, 224-228	2.2	9
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646	Tapered plastic optical fiber coated with single wall carbon nanotubes polyethylene oxide composite for measurement of uric acid concentration. <i>Sensor Review</i> , <b>2014</b> , 34, 75-79	1.4	9
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639	Double-pass erbium-doped zirconia fiber amplifier for wide-band and flat-gain operations. <i>Optics and Laser Technology</i> , <b>2011</b> , 43, 1279-1281	4.2	9
638	High-power single-wavelength SOA-based fiber-ring laser with an optical modulator. <i>Laser Physics</i> , <b>2008</b> , 18, 1349-1352	1.2	9
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636	Effect of doped-fiber spooling on performance of S-band EDFA. <i>Laser Physics Letters</i> , <b>2005</b> , 2, 412-414	1.5	9
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633	Highly sensitive micro-hygrometer based on microfiber knot resonator. <i>Optics Communications</i> , <b>2019</b> , 431, 88-92	2	9
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619	Demonstration of microfiber hybrid Mach-Zehnder and knot resonator structure. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 100-102	1.2	8
618	Fiber optic salinity sensor using beam-through technique. <i>Optik</i> , <b>2013</b> , 124, 679-681	2.5	8
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604	Low noise double pass L-band erbium-doped fiber amplifier. <i>Optics and Laser Technology</i> , <b>2004</b> , 36, 245-248	1.2	8
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600	Multiwavelength Brillouin Generation in Bismuth-Doped Fiber Laser With Single- and Double-Frequency Spacing. <i>Journal of Lightwave Technology</i> , <b>2020</b> , 38, 6886-6896	4	8
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593	Wideband and flat gain series erbium doped fiber amplifier using hybrid active fiber with backward pumping distribution technique. <i>Results in Physics</i> , <b>2019</b> , 13, 102186	3.7	7
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577	Demonstration of acoustic vibration sensor based on microfiber knot resonator. <i>Microwave and Optical Technology Letters</i> , <b>2013</b> , 55, 1138-1141	1.2	7
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575	Low-cost spectral tunable microfiber knot resonator. <i>IET Optoelectronics</i> , <b>2011</b> , 5, 281	1.5	7
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561	Ring microfiber coupler erbium-doped fiber laser analysis. <i>Chinese Optics Letters</i> , <b>2014</b> , 12, 021403-21406.2	6.2	7
560	Passively Q-switched S+/S band fiber laser with copper telluride saturable absorber. <i>Laser Physics Letters</i> , <b>2020</b> , 17, 095102	1.5	7
559	Enhanced triple-pass hybrid erbium doped fiber amplifier using distribution pumping scheme in a dual-stage configuration. <i>Optik</i> , <b>2020</b> , 204, 164191	2.5	7
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556	Dual-wavelength nano-engineered Thulium-doped fiber laser via bending of singlemode-multimode-singlemode fiber structure. <i>Optical Fiber Technology</i> , <b>2016</b> , 32, 96-101	2.4	7
555	ZnO nanorod-coated tapered plastic fiber sensors for relative humidity. <i>Optics Communications</i> , <b>2020</b> , 473, 125924	2	7
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540	Q-switched Zr-EDF laser using single-walled CNT/PEO polymer composite as a saturable absorber. <i>Optical Materials</i> , <b>2013</b> , 35, 347-352	3.3	6

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432	Characterization of graphene oxide/silicon dioxide/p-type silicon heterojunction photodetector towards infrared 974 nm illumination. <i>Optical and Quantum Electronics</i> , <b>2017</b> , 49, 1	2.4	4

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430	Q-switching and mode-locking pulse generation with graphene oxide paper-based saturable absorber. <i>Journal of Engineering</i> , <b>2015</b> , 2015, 208-214	0.7	4
429	Effect of CO <sub>2</sub> Laser Annealing on Stress Applying Parts Contributing Toward Birefringence Modification in Regenerated Grating in Polarization Maintaining Fiber. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-9	1.8	4
428	Low-Threshold Q-Switched Erbium-Doped Fiber Laser Using Molybdenum Disulphide Saturable Absorber Prepared Through Evaporitic Formation. <i>IEEE Photonics Journal</i> , <b>2015</b> , 7, 1-7	1.8	4
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425	Characterization of phasemask interference visibility and the evolution of grating visibility during grating formation. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2015</b> , 64, 163-167	4.6	4
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304	Double F-P interference optical fiber high temperature gas pressure sensor based on suspended core fiber. <i>IEEE Sensors Journal</i> , <b>2021</b> , 1-1	4	3
303	Dual-wavelength erbium-ytterbium co-doped fibre laser operating at 1064 and 1534 nm. <i>Ukrainian Journal of Physical Optics</i> , <b>2014</b> , 15, 118	1.2	3
302	2 <sup>nd</sup> passively mode-locked thulium-doped fiber lasers with TaAlC-deposited tapered and side-polished fibers. <i>Scientific Reports</i> , <b>2021</b> , 11, 21278	4.9	3
301	Gain-flattened hybrid EDFA operating in C + L band with parallel pumping distribution technique. <i>IET Optoelectronics</i> , <b>2020</b> , 14, 447-451	1.5	3
300	All-fiberized, mode-locked laser at 1.95 $\mu$ m using copper chalcogenide Cu <sub>2</sub> Te-based evanescent field interaction. <i>Optics Communications</i> , <b>2020</b> , 476, 126329	2	3
299	Tunable passively Q-switched thulium doped fluoride fibre (TDFF) laser using reduced graphene oxide-silver (rGO-Ag) as saturable absorber. <i>Journal of Modern Optics</i> , <b>2020</b> , 67, 1022-1030	1.1	3
298	All-fibre phase shifter based on tapered fibre coated with MoWS <sub>2</sub> -rGO. <i>IET Optoelectronics</i> , <b>2021</b> , 15, 264	1.5	3
297	1.3 $\mu$ m passively Q-Switched bismuth doped fiber laser using Nb <sub>2</sub> C saturable absorber. <i>Optical Materials</i> , <b>2021</b> , 116, 111087	3.3	3
296	2.08 $\mu$ m Q-switched holmium fiber laser using niobium carbide-polyvinyl alcohol (Nb <sub>2</sub> C-PVA) as a saturable absorber. <i>Optics Communications</i> , <b>2021</b> , 490, 126888	2	3
295	Modal sensitivity enhancement of few-mode fiber Bragg gratings for refractive index measurement <b>2016</b> ,		3
294	Fabrication and characterization of laser-ablated cladding resonances of two different-diameter photosensitive optical fibers. <i>Sensors and Actuators A: Physical</i> , <b>2016</b> , 243, 111-116	3.9	3
293	Passively Q-switched fiber laser tunable by Sagnac interferometer operation. <i>Optik</i> , <b>2019</b> , 179, 1-7	2.5	3
292	Newly developed chromium-doped fiber as a saturable absorber at 1.55- and 2.0- $\mu$ m regions for Q-switching pulses generation. <i>Optical Fiber Technology</i> , <b>2019</b> , 48, 144-150	2.4	3
291	Double-side polished fiber for generation of mode-locked fiber lasers. <i>Optics Communications</i> , <b>2021</b> , 479, 126476	2	3
290	Laser-heated needle for biopsy tract ablation: In vivo study of rabbit liver biopsy. <i>Physica Medica</i> , <b>2021</b> , 82, 40-45	2.7	3
289	Label-free surface-plasmon resonance fiber grating biosensor for Hand-foot-mouth disease (EV-A71) detection. <i>Optik</i> , <b>2021</b> , 228, 166221	2.5	3
288	Mode-locked thulium/holmium co-doped fiber laser using WTe <sub>2</sub> -covered tapered fiber. <i>Optik</i> , <b>2021</b> , 245, 167723	2.5	3

287	The performance of Ti <sub>2</sub> C MXene and Ti <sub>2</sub> AlC MAX Phase as saturable absorbers for passively mode-locked fiber laser. <i>Optical Fiber Technology</i> , <b>2021</b> , 67, 102683	2.4	3
286	Generation of four-wave mixing with nonlinear Vanadium-carbide (V <sub>2</sub> C)-deposited side-polished fiber (SPF) in 1.5- and 2.0- $\mu$ m wavelength operation. <i>Optics and Laser Technology</i> , <b>2022</b> , 145, 107458	4.2	3
285	Thermal decay analysis of fiber Bragg gratings at different temperature annealing rates using demarcation energy approximation. <i>Optical Fiber Technology</i> , <b>2017</b> , 34, 16-19	2.4	2
284	Dual-wavelength Q-switched thulium-fluoride fiber laser for S+/S band using molybdenum disulfide (MoS <sub>2</sub> ) as a saturable absorber. <i>Laser Physics</i> , <b>2017</b> , 27, 065103	1.2	2
283	PERFORMANCE ANALYSIS OF COPPER TIN SULFIDE, Cu <sub>2</sub> SnS <sub>3</sub> (CTS) WITH VARIOUS BUFFER LAYERS BY USING SCAPS IN SOLAR CELLS. <i>Surface Review and Letters</i> , <b>2017</b> , 24, 1750073	1.1	2
282	An efficient L-band Zirconia Yttria Aluminum Erbium co-doped fiber amplifier with 1480nm pumping. <i>Journal of Nonlinear Optical Physics and Materials</i> , <b>2019</b> , 28, 1950018	0.8	2
281	Mode-locked near-infrared thulium doped fibre laser using evanescent field effect with Bi <sub>2</sub> O <sub>3</sub> saturable absorber. <i>Laser Physics</i> , <b>2019</b> , 29, 055104	1.2	2
280	Depressed cladding erbium-doped fiber laser passively mode-locked with carbon nanotube saturable absorber. <i>Laser Physics Letters</i> , <b>2019</b> , 16, 045102	1.5	2
279	Measurement of grating visibility of a fiber Bragg grating based on bent-spectral analysis. <i>Applied Optics</i> , <b>2015</b> , 54, 1146-51	1.7	2
278	Dynamic characteristics of a multi-wavelength Brillouin Raman fiber laser assisted by multiple four-wave mixing processes in a ring cavity. <i>Optics and Laser Technology</i> , <b>2015</b> , 66, 63-67	4.2	2
277	Large polarization response of planarized optical waveguide functionalized with 2D material overlays. <i>Journal of Modern Optics</i> , <b>2020</b> , 67, 730-736	1.1	2
276	All fiber normal dispersion mode locked ytterbium doped double-clad fiber laser using fiber taper with WS <sub>2</sub> -ZnO saturable absorber. <i>Optics and Laser Technology</i> , <b>2020</b> , 130, 106350	4.2	2
275	Temperature and strain response of in-fiber air-cavity Fabry-Perot interferometer under extreme temperature condition. <i>Optik</i> , <b>2020</b> , 220, 165034	2.5	2
274	Black phosphorus as a saturable absorber for generating mode-locked fiber laser in normal dispersion regime <b>2016</b> ,		2
273	Exploiting Edge Effect to Control Generation Rate and Breakdown Voltage in Graphene Nanoribbon Field Effect Transistors. <i>Plasmonics</i> , <b>2016</b> , 11, 573-577	2.4	2
272	Acrylate polymer coated side-polished fiber with graphene oxide nanoparticles for ultrafast fiber laser operation. <i>Laser Physics</i> , <b>2018</b> , 28, 115101	1.2	2
271	Single longitudinal mode laser generation using coupled microfiber Mach-Zehnder interferometer filter. <i>Laser Physics</i> , <b>2018</b> , 28, 085102	1.2	2
270	1.8 $\mu$ m passively Q-switched thulium-doped fiber laser. <i>Optics and Laser Technology</i> , <b>2019</b> , 120, 105757	4.2	2

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266	Generation of efficient 20 GHz optical combs in a Brillouin-erbium fiber laser. <i>Laser Physics</i> , <b>2013</b> , 23, 015103	1.2	2
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167	Investigation of thermal effects in a resonance condition of microfiber double-knot resonators as high-order filter. <i>Micro and Nano Letters</i> , <b>2015</b> , 10, 580-582	0.9	1
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164	Investigation of nitrogen doped graphene as saturable absorber in Thulium-Doped Fiber Laser <b>2015</b> ,		1
163	Nonadiabatic microfiber based mode-locked erbium-doped fiber laser using graphene. <i>Microwave and Optical Technology Letters</i> , <b>2014</b> , 56, 1670-1673	1.2	1
162	Mode-locked thulium bismuth codoped fiber laser using graphene saturable absorber in ring cavity: reply. <i>Applied Optics</i> , <b>2014</b> , 53, 555	1.7	1

161	Observation of mode-coupling in few mode fiber Bragg gratings <b>2014</b> ,		1
160	Square pulse emission with ultra-low repetition rate utilising non-linear polarisation rotation technique. <i>Journal of Engineering</i> , <b>2014</b> , 2014, 517-521	0.7	1
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158	Dual-cavity dual-output multi-wavelength fiber laser based on nonlinear polarization rotation effect. <i>Laser Physics</i> , <b>2012</b> , 22, 1601-1605	1.2	1
157	High resolution interrogation system for fiber Bragg grating (FBG) sensor application using radio frequency spectrum analyser <b>2013</b> ,		1
156	Quantification of mesenchymal stem cell growth rates through secretory and excretory biomolecules in conditioned media via Fresnel reflection. <i>Sensors</i> , <b>2013</b> , 13, 13276-88	3.8	1
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152	O-band to C-band wavelength converter by using four-wave mixing effect in 1310 nm SOA. <i>Journal of Modern Optics</i> , <b>2010</b> , 57, 2147-2153	1.1	1
151	Quantum coherence effects in a Raman amplifier. <i>Journal of Modern Optics</i> , <b>2011</b> , 58, 11-13	1.1	1
150	An ultra-wideband tunable multi-wavelength Brillouin fibre laser based on a semiconductor optical amplifier and dispersion compensating fibre in a linear cavity configuration. <i>Quantum Electronics</i> , <b>2011</b> , 41, 602-605	1.8	1
149	Broadband amplifier and high performance tunable laser with an extinction ratio of higher than 60 dB using bismuth oxide-based erbium-doped fiber. <i>Journal of Modern Optics</i> , <b>2012</b> , 59, 1106-1112	1.1	1
148	Microfiber structures and its sensor and laser applications <b>2012</b> ,		1
147	Spreading profile of evaporative liquid drops in thin porous layer. <i>Physical Review E</i> , <b>2012</b> , 85, 016314	2.4	1
146	Wide-band Bismuth based erbium doped fiber amplifier for DWDM applications <b>2009</b> ,		1
145	Highly efficient and high output power of erbium doped fiber laser in a linear cavity configuration. <i>Laser Physics</i> , <b>2010</b> , 20, 1894-1898	1.2	1
144	Effect of gain medium on the performance of Brillouin fiber laser. <i>Microwave and Optical Technology Letters</i> , <b>2010</b> , 52, 2158-2160	1.2	1



143	Selective area rare-earth doping of planar glass samples for monolithic integration of optically passive and active waveguides. <i>Optik</i> , <b>2010</b> , 121, 722-725	2.5	1
142	120nm wide band switchable fiber laser. <i>Optics Communications</i> , <b>2010</b> , 283, 4333-4337	2	1
141	SOA-based multi-wavelength source. <i>Journal of Modern Optics</i> , <b>2008</b> , 55, 2179-2185	1.1	1
140	Modeling of 980/1550nm PLC WDM directional coupler <b>2008</b> ,		1
139	Dynamic dispersing technique for PR coating process in planar lightwave circuit fabrication. <i>Microwave and Optical Technology Letters</i> , <b>2007</b> , 49, 1993-1995	1.2	1
138	Highly saturated EDFA for gain clamping operation. <i>Microwave and Optical Technology Letters</i> , <b>2007</b> , 49, 1815-1816	1.2	1
137	Effects of output coupler reflectivity on the performance of a linear cavity Brillouin/erbium fiber laser <b>2007</b> , 68, 451-456		1
136	Characterization of lasing-oscillation direction in optical gain-clamped erbium-doped fiber amplifiers. <i>Optics and Laser Technology</i> , <b>2007</b> , 39, 1020-1024	4.2	1
135	L-band gain clamped erbium-doped fiber amplifier incorporating a C/L-band WDM coupler. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 40, 314-316	1.2	1
134	Gain clamping in double-pass L-band EDFA using a ring resonator. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 43, 484-486	1.2	1
133	Gain enhancement in L-band EDFA using a fiber Bragg grating. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 32, 388-390	1.2	1
132	Noise characteristics of erbium-doped fibre amplifier with different optical feedback schemes. <i>Optics Communications</i> , <b>2002</b> , 207, 327-331	2	1
131	High gain L-band erbium-doped fiber amplifier with two-stage double-pass configuration <b>2003</b> , 61, 93-97		1
130	Double-pass L-band EDFA with flat-gain and improved noise figure characteristic		1
129	All-Optical Gain Clamped Double-Pass L-Band EDFA Based on Partial Reflection of ASE. <i>IEICE Electronics Express</i> , <b>2004</b> , 1, 171-175	0.5	1
128	Gain-clamped double-pass S-band erbium-doped fiber amplifier. <i>IEICE Electronics Express</i> , <b>2005</b> , 2, 595-599		1
127	Wavelength-tuning analysis of erbium-doped fiber-ring laser. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 29, 213-215	1.2	1
126	Gain and Noise Figure Improvements in Double Pass L-band EDFA using a Band-pass Filter. <i>Journal of Optical Communications</i> , <b>2002</b> , 23,	1.2	1

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124	Simultaneous bi-directional of C- and L-band erbium doped fiber amplifier		1
123	Gain-clamped erbium-doped fibre amplifier for wavelength division multiplexed systems. <i>Journal of Modern Optics</i> , <b>2000</b> , 47, 1599-1605	1.1	1
122	Characterisation of cascaded EDFA with the inclusion of an interstage optical element		1
121	Loss dependence on pull speed and pull delay of 3 dB fused tapered single mode fiber coupler		1
120	An injection-locked erbium-doped fibre ring laser. <i>Optics and Laser Technology</i> , <b>1999</b> , 31, 493-496	4.2	1
119	Q-switched tunable ytterbium-doped fiber laser with molybdenum ditelluride-based saturable absorber. <i>Optical Engineering</i> , <b>2020</b> , 59, 1	1.1	1
118	InGaAsP/InP Microring Resonator (MRR) Waveguide Used to Generate Soliton Comb with Tunable Channel Spacing. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2016</b> , 13, 4829-4834	0.3	1
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113	Impact of CO <sub>2</sub> Laser Pretreatment on the Thermal Endurance of Bragg Gratings. <i>Journal of the Optical Society of Korea</i> , <b>2016</b> , 20, 575-578		1
112	Light modulation properties of GO-coated optical waveguide. <i>Laser Physics</i> , <b>2020</b> , 30, 095102	1.2	1
111	Q-switched thulium-doped fibre laser operating at 1900nm using multi-walled carbon nanotubes saturable absorber. <i>Journal of Engineering</i> , <b>2014</b> , 2014, 297-301	0.7	1
110	Q-switched tunable fiber laser with aluminum oxide saturable absorber and Sagnac loop mirror. <i>Indian Journal of Physics</i> , <b>2020</b> , 95, 1887	1.4	1
109	Passively Q-switched thulium fluoride fiber laser operating in S-band region using N-doped graphene saturable absorber. <i>Indian Journal of Physics</i> , <b>2020</b> , 95, 1837	1.4	1
108	68 MHz Fundamental Repetition Rates for Mode-Locked Erbium Doped Fiber Laser based Carbon Nanotube Saturable Absorber. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 042003	0.3	1

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102	Tunable Q-switched ytterbium-doped fibre laser with Nickel Oxide saturable absorber. <i>Indian Journal of Physics</i> , <b>2021</b> , 95, 361-366	1.4	1
101	All fiber temperature sensor based on light polarization measurement utilizing graphene coated tapered fiber. <i>Microwave and Optical Technology Letters</i> , <b>2021</b> , 63, 1314-1318	1.2	1
100	Tunable Dual-Wavelength Bismuth Fiber Laser With 37.8-GHz Frequency Spacing. <i>Journal of Lightwave Technology</i> , <b>2021</b> , 1-1	4	1
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53	Black Phosphorus Saturable Absorber for Passive Mode-Locking Pulses Generation <b>2019</b> , 401-430	
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