Harith Ahmad

List of Publications by Year
in descending order

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1,072 papers	13,676 citations	38660 50 h-index	106150 65 g-index
1081 all docs	1081 docs citations	1081 times ranked	5823 citing authors

#	Article	IF	Citations
1	Chronology of Fabry-Perot Interferometer Fiber-Optic Sensors and Their Applications: A Review. Sensors, 2014, 14, 7451-7488.	2.1	299
2	Current sensor based on microfiber knot resonator. Sensors and Actuators A: Physical, 2011, 167, 60-62.	2.0	120
3	Self-doped block copolymer electrolytes for solid-state, rechargeable lithium batteries. Journal of Power Sources, 2001, 97-98, 621-623.	4.0	116
4	Towards 5G: A Photonic Based Millimeter Wave Signal Generation for Applying in 5G Access Fronthaul. Scientific Reports, 2016, 6, 19891.	1.6	108
5	C-Band Q-Switched Fiber Laser Using Titanium Dioxide (TiO 2) As Saturable Absorber. IEEE Photonics Journal, 2016, 8, 1-7.	1.0	92
6	Gain enhancement in L-band EDFA through a double-pass technique. IEEE Photonics Technology Letters, 2002, 14, 296-297.	1.3	86
7	Zinc oxide (ZnO) nanoparticles as saturable absorber in passively Q-switched fiber laser. Optics Communications, 2016, 381, 72-76.	1.0	85
8	Theoretical analysis and fabrication of tapered fiber. Optik, 2013, 124, 538-543.	1.4	83
9	Black phosphorus crystal as a saturable absorber for both a Q-switched and mode-locked erbium-doped fiber laser. RSC Advances, 2016, 6, 72692-72697.	1.7	83
10	Tapered plastic multimode fiber sensor for salinity detection. Sensors and Actuators A: Physical, 2011, 171, 219-222.	2.0	79
11	A Stable Dual-wavelength Thulium-doped Fiber Laser at 1.9 Î¼m Using Photonic Crystal Fiber. Scientific Reports, 2015, 5, 14537.	1.6	73
12	Titanium Dioxide (TiO 2) film as a new saturable absorber for generating mode-locked Thulium-Holmium doped all-fiber laser. Optics and Laser Technology, 2017, 89, 16-20.	2.2	72
13	Multiwavelength Brillouin/Erbium-Ytterbium fiber laser. Laser Physics Letters, 2007, 4, 601-603.	0.6	71
14	Cladless few mode fiber grating sensor for simultaneous refractive index and temperature measurement. Sensors and Actuators A: Physical, 2015, 228, 62-68.	2.0	71
15	An overview on S-band erbium-doped fiber amplifiers. Laser Physics Letters, 2007, 4, 10-15.	0.6	70
16	A linear cavity Brillouin fiber laser with multiple wavelengths output. Laser Physics Letters, 2008, 5, 361-363.	0.6	70
17	Using a black phosphorus saturable absorber to generate dual wavelengths in a Q-switched ytterbium-doped fiber laser. Laser Physics Letters, 2016, 13, 085102.	0.6	70
18	Gain clamping in L-band erbium-doped fiber amplifier using a fiber Bragg grating. IEEE Photonics Technology Letters, 2002, 14, 293-295.	1.3	69

#	Article	IF	Citations
19	A Q-Switched Erbium-Doped Fiber Laser with a Carbon Nanotube Based Saturable Absorber. Chinese Physics Letters, 2012, 29, 114202.	1.3	67
20	Double-pass L-band EDFA with enhanced noise figure characteristics. IEEE Photonics Technology Letters, 2003, 15, 1055-1057.	1.3	64
21	Tunable dual wavelength fiber laser incorporating AWG and optical channel selector by controlling the cavity loss. Optics Communications, 2009, 282, 4771-4775.	1.0	63
22	Multiple wavelength Brillouin fiber laser from injection of intense signal light. Laser Physics Letters, 2007, 4, 678-680.	0.6	62
23	Multi-wavelength Brillouin fiber laser using Brillouin-Rayleigh scatterings in distributed Raman amplifier. Laser Physics Letters, 2009, 6, 737-739.	0.6	62
24	SOA-based quad-wavelength ring laser. Laser Physics Letters, 2008, 5, 726-729.	0.6	61
25	0.16nm spaced multi-wavelength Brillouin fiber laser in a figure-of-eight configuration. Optics and Laser Technology, 2011, 43, 866-869.	2.2	61
26	Integrated Microfibre Device for Refractive Index and Temperature Sensing. Sensors, 2012, 12, 11782-11789.	2.1	61
27	All-Optical Graphene Oxide Humidity Sensors. Sensors, 2014, 14, 24329-24337.	2.1	61
28	An efficient S-band erbium-doped fiber amplifier using double-pass configuration. IEICE Electronics Express, 2005, 2, 182-185.	0.3	60
29	Bismuth-based erbium-doped fiber as a gain medium for L-band amplification and Brillouin fiber laser. Laser Physics, 2010, 20, 716-719.	0.6	60
30	Multi-wavelength fiber laser in the S-band region using a Sagnac loop mirror as a comb generator in an SOA gain medium. Laser Physics Letters, 2010, 7, 673-676.	0.6	60
31	Passively Q-switched erbium-doped fiber laser at C-band region based on WS_2 saturable absorber. Applied Optics, 2016, 55, 1001.	2.1	60
32	A linear cavity S-band Brillouin/Erbium fiber laser. Laser Physics Letters, 2006, 3, 369-371.	0.6	59
33	Multi-wavelength erbium-doped fiber laser assisted by four-wave mixing effect. Laser Physics Letters, 2009, 6, 813-815.	0.6	59
34	Compact Brillouinâ€“erbium fiber laser. Optics Letters, 2009, 34, 46.	1.7	59
35	2.0-$muhbox{m}$ Q-Switched Thulium-Doped Fiber Laser With Graphene Oxide Saturable Absorber. IEEE Photonics Journal, 2013, 5, 1501108-1501108.	1.0	59
36	High power and compact switchable bismuth based multiwavelength fiber laser. Laser Physics Letters, 2009, 6, 380-383.	0.6	58

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37	A Study of Relative Humidity Fiber-Optic Sensors. IEEE Sensors Journal, 2015, 15, 1945-1950.	2.4	58
38	An efficient gain-flattened C-band Erbium-doped fiber amplifier. Laser Physics Letters, 2006, 3, 536-538.	0.6	57
39	Long-wavelength EDFA gain enhancement through 1550 nm band signal injection. Optics Communications, 2000, 176, 125-129.	1.0	56
40	A new configuration of multi-wavelength Brillouin fiber laser. Laser Physics Letters, 2008, 5, 48-50.	0.6	56
41	Nanosecond soliton pulse generation by mode-locked erbium-doped fiber laser using single-walled carbon-nanotube-based saturable absorber. Applied Optics, 2012, 51, 8621.	0.9	56
42	Linear cavity Brillouin fiber laser with improved characteristics. Optics Letters, 2008, 33, 770.	1.7	55
43	Flatly broadened supercontinuum generation in nonlinear fibers using a mode locked bismuth oxide based erbium doped fiber laser. Laser Physics Letters, 2011, 8, 369-375.	0.6	55
44	Tapered plastic optical fiber coated with ZnO nanostructures for the measurement of uric acid concentrations and changes in relative humidity. Sensors and Actuators A: Physical, 2014, 210, 190-196.	2.0	54
45	Synthesis, Characterization and Biological Evaluation of Transition Metal Complexes Derived from N, S Bidentate Ligands. International Journal of Molecular Sciences, 2015, 16, 11034-11054.	1.8	53
46	Multi-wavelength Brillouin fiber laser using a holey fiber and a bismuth-oxide based erbium-doped fiber. Laser Physics Letters, 2009, 6, 454-457.	0.6	52
47	S-band erbium-doped fiber ring laser using a fiber Bragg grating. Laser Physics Letters, 2005, 2, 369-371.	0.6	51
48	S-band Brillouin erbium fibre laser. Electronics Letters, 2005, 41, 174.	0.5	51
49	AQ-switched erbium-doped fiber laser with a graphene saturable absorber. Laser Physics Letters, 2013, 10, 025102.	0.6	51
50	S-band Q-switched fiber laser using MoSe 2 saturable absorber. Optics Communications, 2017, 382, 93-98.	1.0	51
51	The performance of a fiber optic displacement sensor for different types of probes and targets. Laser Physics Letters, 2008, 5, 55-58.	0.6	50
52	Tunable Q-switched fiber laser using zinc oxide nanoparticles as a saturable absorber. Applied Optics, 2016, 55, 4277.	2.1	50
53	Characterization of Mode Coupling in Few-Mode FBG With Selective Mode Excitation. IEEE Photonics Technology Letters, 2015, 27, 1713-1716.	1.3	49
54	Mode-locked bismuth-based erbium-doped fiber laser with stable and clean femtosecond pulses output. Laser Physics Letters, 2011, 8, 449-452.	0.6	48

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55	Relative Humidity Sensing Using a PMMA Doped Agarose Gel Microfiber. Journal of Lightwave Technology, 2017, 35, 3940-3944.	2.7	48
56	A PMMA microfiber loop resonator based humidity sensor with ZnO nanorods coating. Measurement: Journal of the International Measurement Confederation, 2017, 99, 128-133.	2.5	47
57	All-fiber dual-wavelength Q-switched and mode-locked EDFL by SMF-THDF-SMF structure as a saturable absorber. Optics Communications, 2017, 389, 29-34.	1.0	47
58	Room temperature ammonia sensing using tapered multimode fiber coated with polyaniline nanofibers. Optics Express, 2015, 23, 2837.	1.7	45
59	Microfiber loop resonator based temperature sensor. Journal of the European Optical Society-Rapid Publications, 0, 6, .	0.9	44
60	Stable C-band fiber laser with switchable multi-wavelength output using coupled microfiber Mach-Zehnder interferometer. Optical Fiber Technology, 2017, 36, 105-114.	1.4	44
61	Machâ€“Zehnder interferometric magnetic field sensor based on a photonic crystal fiber and magnetic fluid. Applied Optics, 2018, 57, 2050.	0.9	44
62	Wideband EDFA Based on Erbium Doped Crystalline Zirconia Yttria Alumino Silicate Fiber. Journal of Lightwave Technology, 2010, 28, 2919-2924.	2.7	43
63	In-Fiber Gratings for Simultaneous Monitoring Temperature and Strain in Ultrahigh Temperature. IEEE Photonics Technology Letters, 2015, 27, 58-61.	1.3	43
64	Graphene oxide-based waveguide polariser: From thin film to quasi-bulk. Optics Express, 2014, 22, 11090.	1.7	42
65	Q-switched Erbium-doped fiber laser using MoSe 2 as saturable absorber. Optics and Laser Technology, 2016, 79, 20-23.	2.2	42
66	Fiber-Optic Salinity Sensor Using Fiber-Optic Displacement Measurement With Flat and Concave Mirror. IEEE Journal of Selected Topics in Quantum Electronics, 2012, 18, 1529-1533.	1.9	41
67	Inline Microfiber Machâ€“Zehnder Interferometer for High Temperature Sensing. IEEE Sensors Journal, 2013, 13, 626-628.	2.4	41
68	Refractive index and strain sensing using inline Machâ€“Zehnder interferometer comprising perfluorinated graded-index plastic optical fiber. Sensors and Actuators A: Physical, 2014, 219, 94-99.	2.0	41
69	Dual-Wavelength Erbium-Doped Fiber Laser to Generate Terahertz Radiation Using Photonic Crystal Fiber. Journal of Lightwave Technology, 2015, 33, 5038-5046.	2.7	41
70	Wide-Band Bismuth-Based Erbium-Doped Fiber Amplifier With a Flat-Gain Characteristic. IEEE Photonics Journal, 2009, 1, 259-264.	1.0	40
71	Resonance condition of a microfiber knot resonator immersed in liquids. Applied Optics, 2011, 50, 5912.	2.1	40
72	High Sensitivity Fiber Bragg Grating Pressure Sensor Using Thin Metal Diaphragm. IEEE Sensors Journal, 2009, 9, 1654-1659.	2.4	39

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73	S-band multiwavelength ring Brillouin/Raman fiber laser with 20 GHz channel spacing. Applied Optics, 2012, 51, 1811.	0.9	39
74	Fiber Optic Displacement Sensor for Temperature Measurement. IEEE Sensors Journal, 2012, 12, 1361-1364.	2.4	39
75	Non-adiabatic silica microfiber for strain and temperature sensors. Sensors and Actuators A: Physical, 2013, 192, 130-132.	2.0	39
76	Variable Waist-Diameter Machâ€“Zehnder Tapered-Fiber Interferometer as Humidity and Temperature Sensor. IEEE Sensors Journal, 2016, 16, 5987-5992.	2.4	39
77	Highâ€sensitivity pressure sensor using a polymerâ€embedded FBG. Microwave and Optical Technology Letters, 2008, 50, 60-61.	0.9	38
78	Performance comparison of Zr-based and Bi-based erbium-doped fiber amplifiers. Optics Letters, 2010, 35, 2882.	1.7	38
79	Turning cigarette butt waste into an alternative control tool against an insecticide-resistant mosquito vector. Acta Tropica, 2013, 128, 584-590.	0.9	38
80	Increment of Access Points in Integrated System of Wavelength Division Multiplexed Passive Optical Network Radio over Fiber. Scientific Reports, 2015, 5, 11897.	1.6	38
81	Tapered Plastic Optical Fiber Coated With Al-Doped ZnO Nanostructures for Detecting Relative Humidity. IEEE Sensors Journal, 2015, 15, 845-849.	2.4	38
82	Highly responsive NaCl detector based on inline microfiber Machâ€“Zehnder interferometer. Sensors and Actuators A: Physical, 2016, 237, 56-61.	2.0	38
83	Bidirectional multiwavelength Brillouin fiber laser generation in a ring cavity. Journal of Optics, 2008, 10, 055101.	1.5	37
84	Graphene-Based Saturable Absorber for Single-Longitudinal-Mode Operation of Highly Doped Erbium-Doped Fiber Laser. IEEE Photonics Journal, 2012, 4, 467-475.	1.0	36
85	Tapered Plastic Optical Fiber Coated With Graphene for Uric Acid Detection. IEEE Sensors Journal, 2014, 14, 1704-1709.	2.4	36
86	A black phosphorus-based tunable Q-switched ytterbium fiber laser. Laser Physics Letters, 2016, 13, 095103.	0.6	36
87	Femtosecond mode-locked erbium-doped fiber laser based on MoS2â€“PVA saturable absorber. Optics and Laser Technology, 2016, 82, 145-149.	2.2	36
88	Fabrication and simulation studies on D-shaped optical fiber sensor via surface plasmon resonance. Journal of Modern Optics, 2017, 64, 1443-1449.	0.6	36
89	Lithium-Ion Battery State of Charge (SoC) Estimation with Non-Electrical parameter using Uniform Fiber Bragg Grating (FBG). Journal of Energy Storage, 2021, 40, 102704.	3.9	36
90	All-optical gain-clamped erbium-doped fiber-ring lasing amplifier with laser filtering technique. IEEE Photonics Technology Letters, 2001, 13, 785-787.	1.3	35

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91	An efficient multiwavelength light source based on ASE slicing. Laser Physics Letters, 2006, 3, 495-497.	0.6	35
92	Strain measurement at high temperature environment based on Fabry-Perot interferometer cascaded fiber regeneration grating. Sensors and Actuators A: Physical, 2016, 248, 199-205.	2.0	35
93	Humidity sensor based on microfiber resonator with reduced graphene oxide. Optik, 2016, 127, 3158-3161.	1.4	35
94	Review: application of transition metal dichalcogenide in pulsed fiber laser system. Materials Research Express, 2019, 6, 082004.	0.8	35
95	Q-switched and mode-locked thulium doped fiber lasers with nickel oxide film saturable absorber. Optics Communications, 2019, 447, 6-12.	1.0	35
96	Graphene-Oxide-Based Saturable Absorber for All-Fiber Q-Switching With a Simple Optical Deposition Technique. IEEE Photonics Journal, 2012, 4, 2205-2213.	1.0	34
97	All-Optical Generation of Two IEEE802.11n Signals for 2 <inline-formula> <tex-math notation="TeX">$imes$</tex-math></inline-formula> 2 MIMO-RoF via MRR System. IEEE Photonics Journal, 2014, 6, 1-11.	1.0	34
98	Optical Fiber Sensing of Salinity and Liquid Level. IEEE Photonics Technology Letters, 2014, 26, 1742-1745.	1.3	34
99	A Recent Progress of Steel Bar Corrosion Diagnostic Techniques in RC Structures. Sensors, 2019, 19, 34.	2.1	34
100	Generation of Q-switched Pulses in Thulium-doped and Thulium/Holmium-co-doped Fiber Lasers using MAX phase (Ti3AlC2). Scientific Reports, 2020, 10, 9233.	1.6	34
101	Spacing-Switchable Multiwavelength Fiber Laser Based on Nonlinear Polarization Rotation and Brillouin Scattering in Photonic Crystal Fiber. IEEE Photonics Journal, 2012, 4, 34-38.	1.0	33
102	Distributed feedback multimode Brillouinâ€“Raman random fiber laser in the S-band. Laser Physics Letters, 2013, 10, 055102.	0.6	33
103	S-band Q-switched fiber laser using molybdenum disulfide (MoS₂) saturable absorber. Laser Physics Letters, 2016, 13, 035103.	0.6	33
104	Multiwavelength, bidirectional operation of twin-cavity Brillouin/erbium fiber laser. Optics Communications, 2000, 181, 135-139.	1.0	32
105	Gain enhanced L-band Er/sup 3+/-doped fiber amplifier utilizing unwanted backward ASE. IEEE Photonics Technology Letters, 2001, 13, 1067-1069.	1.3	32
106	Multi-wavelength bismuth-based erbium-doped fiber laser based on four-wave mixing effect in photonic crystal fiber. Optics and Laser Technology, 2010, 42, 1250-1252.	2.2	32
107	Application of graphene oxide based Microfiber-Knot resonator for relative humidity sensing. Results in Physics, 2018, 9, 1572-1577.	2.0	32
108	Mode-locking in Er-doped fiber laser with reduced graphene oxide on a side-polished fiber as saturable absorber. Optical Fiber Technology, 2019, 50, 177-182.	1.4	32

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109	Mode-locked thulium doped fiber laser with zinc oxide saturable absorber for 2â€Î¼m operation. Infrared Physics and Technology, 2019, 97, 142-148.	1.3	32
110	Ultra-Sensitive Humidity Sensor Based on Optical Properties of Graphene Oxide and Nano-Anatase TiO2. PLoS ONE, 2016, 11, e0153949.	1.1	32
111	SOA-based multi-wavelength laser using fiber Bragg gratings. Laser Physics, 2009, 19, 1002-1005.	0.6	31
112	WIDE-BAND HYBRID AMPLIFIER OPERATING IN S-BAND REGION. Progress in Electromagnetics Research, 2010, 102, 301-313.	1.6	31
113	Generation and transmission of 3 Ã— 3 w-band multi-input multi-output orthogonal frequency division multiplexing-radio-over-fiber signals using micro-ring resonators. Applied Optics, 2014, 53, 8049.	2.1	31
114	All optical ultra-wideband signal generation and transmission using mode-locked laser incorporated with add-drop microring resonator. Laser Physics Letters, 2015, 12, 065105.	0.6	31
115	FWM-based multi-wavelength erbium-doped fiber laser using Bi-EDF. Laser Physics, 2010, 20, 1414-1417.	0.6	30
116	Micro-Ball Lensed Fiber-Based Glucose Sensor. IEEE Sensors Journal, 2013, 13, 348-350.	2.4	30
117	Optical frequency comb generation based on chirping of Machâ€“Zehnder Modulators. Optics Communications, 2015, 344, 139-146.	1.0	30
118	Studies of Ag/TiO2 plasmonics structures integrated in side polished optical fiber used as humidity sensor. Results in Physics, 2018, 10, 308-316.	2.0	30
119	Graphene-based Q-switched pulsed fiber laser in a linear configuration. Chinese Optics Letters, 2012, 10, 041405.	1.3	30
120	Electrically Tunable Microfiber Knot Resonator Based Erbium-Doped Fiber Laser. IEEE Journal of Quantum Electronics, 2012, 48, 443-446.	1.0	29
121	Narrow Spacing Dual-Wavelength Fiber Laser Based on Polarization Dependent Loss Control. IEEE Photonics Journal, 2013, 5, 1502706-1502706.	1.0	29
122	Graphene-Based Mode-Locked Spectrum-Tunable Fiber Laser Using Machâ€“Zehnder Filter. IEEE Photonics Journal, 2013, 5, 1501709-1501709.	1.0	29
123	Photonic crystal fiber based dual-wavelength Q-switched fiber laser using graphene oxide as a saturable absorber. Applied Optics, 2014, 53, 3581.	0.9	29
124	A Switchable Figure Eight Erbium-Doped Fiber Laser Based on Inter-Modal Beating By Means of Non-Adiabatic Microfiber. Journal of Lightwave Technology, 2015, 33, 528-534.	2.7	29
125	D-Shaped Polarization Maintaining Fiber Sensor for Strain and Temperature Monitoring. Sensors, 2016, 16, 1505.	2.1	29
126	Ag-nanoparticle as a Q switched device for tunable C-band fiber laser. Optics Communications, 2016, 381, 85-90.	1.0	29

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127	Silver nanoparticle-film based saturable absorber for passivelyQ-switched erbium-doped fiber laser (EDFL) in ring cavity configuration. Laser Physics, 2016, 26, 095103.	0.6	29
128	Tunable graphene-based Q-switched erbium-doped fiber laser using fiber Bragg grating. Journal of Modern Optics, 2013, 60, 202-212.	0.6	28
129	Simultaneous measurement of aliphatic alcohol concentration and temperature based on etched taper FBG. Sensors and Actuators B: Chemical, 2014, 202, 959-963.	4.0	28
130	Dual-Wavelength Fiber Lasers for the Optical Generation of Microwave and Terahertz Radiation. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 166-173.	1.9	28
131	Tunable S-Band Q-Switched Fiber Laser Using Bi₂Se₃ as the Saturable Absorber. IEEE Photonics Journal, 2015, 7, 1-8.	1.0	28
132	Multi wavelength mode-lock soliton generation using fiber laser loop coupled to an add-drop ring resonator. Optical and Quantum Electronics, 2015, 47, 2455-2464.	1.5	28
133	Effect of titanium dioxide (TiO₂) nanoparticle coating on the detection performance of microfiber knot resonator sensors for relative humidity measurement. Materials Express, 2016, 6, 501-508.	0.2	28
134	Comparison of performances between partial double-pass and full double-pass systems in two-stage L-band EDFA. Laser Physics Letters, 2004, 1, 610-612.	0.6	27
135	Nano-Anatase TiO2 for High Performance Optical Humidity Sensing on Chip. Sensors, 2016, 16, 39.	2.1	27
136	Domain-wall dark pulse generation in fiber laser incorporating MoS2. Applied Physics B: Lasers and Optics, 2016, 122, 1.	1.1	27
137	PMMA microfiber loop resonator for humidity sensor. Sensors and Actuators A: Physical, 2017, 260, 112-116.	2.0	27
138	All-Normal Dispersion Chalcogenide PCF for Ultraflat Mid-Infrared Supercontinuum Generation. IEEE Photonics Technology Letters, 2017, 29, 1792-1795.	1.3	27
139	Q-switched ytterbium doped fiber laser using multi-walled carbon nanotubes saturable absorber. Chinese Optics Letters, 2014, 12, 031403-31406.	1.3	27
140	Current sensor based on inline microfiber Machâ€“Zehnder interferometer. Sensors and Actuators A: Physical, 2013, 192, 9-12.	2.0	26
141	Study of a fiber optic humidity sensor based on agarose gel. Journal of Modern Optics, 2014, 61, 244-248.	0.6	26
142	PCF-Cavity FBG Fabry-Perot Resonator for Simultaneous Measurement of Pressure and Temperature. IEEE Sensors Journal, 2015, 15, 6921-6925.	2.4	26
143	A generation of 2ÂÎ¼m Q-switched thulium-doped fibre laser based on anatase titanium(IV) oxide film saturable absorber. Journal of Modern Optics, 2017, 64, 187-190.	0.6	26
144	Tunable Q-switched thulium-doped Fiber Laser using multiwall carbon nanotube and Fabry-Perot Etalon filter. Optics Communications, 2017, 383, 359-365.	1.0	26

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145	All-fiber magnetic field sensor based on tapered thin-core fiber and magnetic fluid. Applied Optics, 2017, 56, 200.	2.1	26
146	Chitosan capped nickel oxide nanoparticles as a saturable absorber in a tunable passively Q-switched erbium doped fiber laser. RSC Advances, 2018, 8, 25592-25601.	1.7	26
147	Ternary MoWSe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e463" altimg="si14.gif"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> alloy saturable absorber for passively Q-switched Yb-, Er- and Tm-doped fiber laser. Optics Communications, 2019, 437, 355-362.	1.0	26
148	Tunable Q-switched erbium-doped fiber laser in the C-band region using nanoparticles (TiO2). Optics Communications, 2019, 435, 283-288.	1.0	26
149	Passively mode locked thulium and thulium/holmium doped fiber lasers using MXene Nb2C coated microfiber. Scientific Reports, 2021, 11, 11652.	1.6	26
150	Multi-wavelength generation using a bismuth-based EDF and Brillouin effect in a linear cavity configuration. Optics and Laser Technology, 2009, 41, 198-201.	2.2	25
151	Temperature-sensitive dual-segment polarization maintaining fiber Sagnac loop mirror. Optics and Laser Technology, 2010, 42, 377-381.	2.2	25
152	Theoretical and experimental study on the fiber optic displacement sensor with two receiving fibers. Microwave and Optical Technology Letters, 2010, 52, 373-375.	0.9	25
153	Axial contraction in etched optical fiber due to internal stress reduction. Optics Express, 2013, 21, 2551.	1.7	25
154	Optical fiber humidity sensor based on a tapered fiber with hydroxyethylcellulose/polyvinylidenefluoride composite. Microwave and Optical Technology Letters, 2014, 56, 380-382.	0.9	25
155	Q-switched ytterbium-doped fiber laser with zinc oxide based saturable absorber. Laser Physics, 2016, 26, 115107.	0.6	25
156	Tunable single wavelength erbium-doped fiber ring laser based on in-line Mach-Zehnder strain. Optik, 2016, 127, 8326-8332.	1.4	25
157	Brillouin fiber laser with a 49 cm long Bismuth-based erbium-doped fiber. Laser Physics Letters, 2010, 7, 60-62.	0.6	24
158	Multi-wavelength Brillouin fiber laser using dual-cavity configuration. Laser Physics, 2011, 21, 205-209.	0.6	24
159	Tapered Plastic Optical Fiber Coated With HEC/PVDF for Measurement of Relative Humidity. IEEE Sensors Journal, 2013, 13, 4702-4705.	2.4	24
160	Tilted Fiber Bragg Grating Sensors for Reinforcement Corrosion Measurement in Marine Concrete Structure. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 3510-3516.	2.4	24
161	Transition Metal Dichalcogenides (WS ₂ and MoS ₂) Saturable Absorbers for Mode-Locked Erbium-Doped Fiber Lasers. Chinese Physics Letters, 2017, 34, 014202.	1.3	24
162	Q-switched fiber laser based on CdS quantum dots as a saturable absorber. Results in Physics, 2020, 16, 103123.	2.0	24

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163	Comparisons of multi-wavelength oscillations using Sagnac loop mirror and Mach-Zehnder interferometer for ytterbium doped fiber lasers. Laser Physics, 2010, 20, 516-521.	0.6	23
164	Diode-pumped 1028 nm Ytterbium-doped fiber laser with near 90% slope efficiency. Laser Physics, 2010, 20, 656-660.	0.6	23
165	W-Band OFDM for Radio-over-Fiber Direct-Detection Link Enabled by Frequency Nonupling Optical Up-Conversion. IEEE Photonics Journal, 2014, 6, 1-7.	1.0	23
166	Evanescent field interaction of tapered fiber with graphene oxide in generation of wide-bandwidth mode-locked pulses. Optics and Laser Technology, 2017, 88, 166-171.	2.2	23
167	Soliton mode-locked thulium-doped fiber laser with cobalt oxide saturable absorber. Optical Fiber Technology, 2018, 45, 122-127.	1.4	23
168	Effects of Self-Saturation in an Erbium-Doped Fiber Amplifier. Optical Fiber Technology, 2000, 6, 265-274.	1.4	22
169	Gain enhancement in partial double-pass L-band EDFA system using a band-pass filter. Laser Physics Letters, 2005, 2, 36-38.	0.6	22
170	A general weight function for inclined cracks at sharp V-notches. Engineering Fracture Mechanics, 2007, 74, 602-611.	2.0	22
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