Sulaiman W Harun

List of Publications by Year
in descending order

964	12,321	38742	118850
papers	citations	50 h-index	62 g-index

969	969	969	4300
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Passively Femtosecond Mode-Locked Erbium-Doped Fiber Oscillator with External Pulse Compressor for Frequency Comb Generation. Journal of Optical Communications, 2024, 44, s683-s690.	4.7	1
2	Lanthanum hexaboride for Q-switching and mode-locking applications. Optics Communications, 2022, 502, 127396.	2.1	7
3	Q-switched fiber laser with tunable wavelength operation utilizing a nonlinear saturable absorption of vanadium pentoxide. Indian Journal of Physics, 2022, 96, 281-287.	1.8	4
4	Optical properties enhancement with multilayer coating technique of additiveâ€enhanced zinc oxide nanostructure for fiber <scp>Bragg</scp> grating humidity sensor. Microwave and Optical Technology Letters, 2022, 64, 184-189.	1.4	1
5	Gainâ€clamping in Lâ€band zirconiumâ€“erbium coâ€doped fiber amplifier with FBG based lasing control. Microwave and Optical Technology Letters, 2022, 64, 389.	1.4	0
6	Chromium aluminum carbide as Q-switcher for the near-infrared erbium-doped fiber laser. Optik, 2022, 250, 168362.	2.9	9
7	Poly(3,4-ethylenedioxythiophene): Poly(styrenesulfonate) spin-coated onto polyvinyl alcohol film as saturable absorber for generating Q-switched laser at 1.5ÂÂµm region. Optical Fiber Technology, 2022, 68, 102763.	2.7	3
8	Sequential generation of self-starting diverse operations in all-fiber laser based on thulium-doped fiber saturable absorber. Chinese Physics B, 2022, 31, 064204.	1.4	2
9	Vanadium pentoxide film for microsecond pulse generation in 1.5-Âµm region. Optoelectronics Letters, 2022, 18, 29-34.	0.8	2
10	A Review: Surface Plasmon Resonance-Based Biosensor for Early Screening of SARS-CoV2 Infection. IEEE Access, 2022, 10, 1228-1244.	4.2	13
11	Iron pyrite absorber for ultrashort pulse generation. Infrared Physics and Technology, 2022, 120, 103999.	2.9	1
12	Development of FBG Humidity Sensor via Controlled Annealing Temperature of Additive Enhanced ZnO Nanostructure Coating. Optical Fiber Technology, 2022, 68, 102802.	2.7	6
13	Nanosecond Q-switched laser with PEDOT: PSS saturable absorber. Applied Optics, 2022, 61, 1292.	1.8	6
14	Ultrashort pulse generation in All-fiber Erbium-doped fiber cavity with thulium doped fiber saturable absorber. Optics and Laser Technology, 2022, 149, 107888.	4.6	5
15	Broadband ASE source for S + C + L bands using hafnia-bismuth based erbium co-doped fibers. Optik, 2022, 255, 168723.	2.9	2
16	Graphene Oxide/Gold Coated Kretschmann Surface Plasmon Resonance Setup for Relative Humidity Detection. , 2022, 6, 1-4.		1
17	Mode-Locked YDFL Using Topological Insulator Bismuth Selenide Nanosheets as the Saturable Absorber. Crystals, 2022, 12, 489.	2.2	21
18	Qâ€switched neodymiumâ€doped fiber laser with a gold nanoparticleÂsaturable absorber. Microwave and Optical Technology Letters, 2022, 64, 1302-1309.	1.4	6

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19	Effect of MAX phase chromium aluminum carbide thin film thickness on Q-switched Erbium-doped fiber lasers. Optical Fiber Technology, 2022, 70, 102853.	2.7	8
20	Generation of Kelly and dip type sidebands soliton employing Topological insulator (Bi2Te3) as saturable absorber. Infrared Physics and Technology, 2022, 123, 104154.	2.9	14
21	Review: Dark pulse generation in fiber laser system. Optics and Laser Technology, 2022, 151, 108056.	4.6	6
22	Picosecond Soliton Pulse Generation with a Zinc Phthalocyanine Thin-Film Saturable Absorber Via Mode Locking in an Erbium-Doped Fiber Laser Cavity. Journal of Russian Laser Research, 2022, 43, 193.	0.6	1
23	Passively mode-locked erbium-doped fiber laser based on a nanodiamond saturable absorber. Applied Optics, 2022, 61, 4047.	1.8	7
24	Soliton picosecond pulse generation with a spin-coated PEDOT: PSS thin film. Journal of Luminescence, 2022, 247, 118879.	3.1	6
25	Characteristics of the 11-Mercaptoundecanoic Acid (11-MUA) Binding to Gold Surface as Self-Assembled Monolayer (SAM) for SPR based Biosensor. , 2022, , .		0
26	Rare-earth Yttrium oxide as Q-switcher in fiber laser system. Results in Optics, 2022, 8, 100252.	2.0	1
27	Mode-locked ytterbium-doped fiber laser with zinc phthalocyanine thin film saturable absorber. Frontiers of Optoelectronics, 2022, 15, .	3.7	3
28	Q-switched fiber laser in C-band region using metal ceramic-based saturable absorber. Optik, 2022, 264, 169395.	2.9	7
29	Passively mode-locked laser using HfSe2 as saturable absorber at 1.5ÂÎ¼m and 2.0ÂÎ¼m. Optics and Laser Technology, 2022, 155, 108397.	4.6	3
30	Yttrium Oxide (Y2O3) as a Pulse Initiator in a Mode-Locking Erbium-Doped Fiber Laser. Photonics, 2022, 9, 486.	2.0	5
31	Q-switched tunable fiber laser with aluminum oxide saturable absorber and Sagnac loop mirror. Indian Journal of Physics, 2021, 95, 1887-1893.	1.8	2
32	Q-switched tunable fiber laser utilizing silver nanoparticles deposited onto PVA film as saturable absorber. Indian Journal of Physics, 2021, 95, 141-145.	1.8	1
33	Single-Mode Modified Tapered Fiber Structure Functionalized With GO-PVA Composite Layer for Relative Humidity Sensing. Photonic Sensors, 2021, 11, 314-324.	5.0	17
34	Mode-locked operation with 9kW peak power using Au nanoparticles saturable absorber. Optik, 2021, 227, 165976.	2.9	9
35	C-band tunable Q-switched fiber laser based on Alq3 as a saturable absorber. Results in Optics, 2021, 2, 100036.	2.0	3
36	8-Hydroxyquinolino cadmium chloride hydrate for generating nanosecond and picosecond pulses in erbium-doped fiber laser cavity. Optical Fiber Technology, 2021, 61, 102439.	2.7	6

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37	Reductionâ€controlled graphene oxide saturable absorbers and its effect on ultrashort Erâ€doped fibre laser. IET Optoelectronics, 2021, 15, 61-68.	3.3	0
38	Performance analysis of WDM-SDM system with employing Phase-Conjugated twin waves technique. Materials Today: Proceedings, 2021, 42, 2490-2496.	1.8	3
39	Characterization of hysteresis free, low-temperature hydrothermally synthesized zinc oxide for enhanced humidity sensing. Sensors International, 2021, 2, 100106.	8.4	3
40	Passively Q-switched Ytterbium-doped fiber laser using zinc phthalocyanine thin film as saturable absorber. Optik, 2021, 228, 165736.	2.9	2
41	Ultra-short pulse generating in erbium-doped fiber laser cavity with 8-Hydroxyquinolino cadmium chloride hydrate (8-HQCdCl₂H₂O) saturable absorber. Journal of Modern Optics, 2021, 68, 237-245.	1.3	9
42	Effect of agarose concentration on coated microâ€bottle resonators for humidity detection. Microwave and Optical Technology Letters, 2021, 63, 1826-1831.	1.4	2
43	Passively Q-Switched Pulses Generation from Erbium-Doped Fiber Laser Using Lutetium Oxide as Saturable Absorber. Journal of Microwaves, Optoelectronics and Electromagnetic Applications, 2021, 20, 118-125.	0.7	1
44	Passively mode-locked laser at 1Î¼m region based on tungsten trioxide (WO3) saturable absorber. Optik, 2021, 231, 166377.	2.9	16
45	Aluminium zinc oxide as a saturable absorber for passively Q-switched and mode-locked erbium-doped fiber laser. Laser Physics, 2021, 31, 055101.	1.2	15
46	Gain clamping performance of Hafniaâ€“bismuthâ€“erbium co-doped fibre amplifier using lasing controlled structure with FBG. Journal of Modern Optics, 2021, 68, 457-462.	1.3	2
47	Passively Q-switched erbium-doped fiber laser with graphene oxide film as saturable absorber. Journal of Physics: Conference Series, 2021, 1869, 012158.	0.4	3
48	Ultrafast soliton mode-locked fiber laser at 1560â€‰â€‰nm based on Znq₂ as a saturable absorber. Applied Optics, 2021, 60, 3149.	1.8	8
49	HEC/PVDF coated microbottle resonators for relative humidity detection. Optik, 2021, 232, 166534.	2.9	1
50	Ultrashort pulse laser at 1564.3Ânm wavelength with E-beam deposited copper nanoparticles saturable absorber. Optics and Laser Technology, 2021, 136, 106791.	4.6	8
51	Ultrashort pulse generation with MXene Ti3C2Tx embedded in PVA and deposited onto D-shaped fiber. Optics and Laser Technology, 2021, 136, 106780.	4.6	13
52	Bismuthâ€doped fiber Qâ€switcher in erbiumâ€doped fiber laser cavity. Microwave and Optical Technology Letters, 2021, 63, 2214-2218.	1.4	5
53	Q-switched and mode-locked laser based on aluminium zinc oxide deposited onto D-shape fiber as a saturable absorber. Results in Optics, 2021, 3, 100057.	2.0	10
54	Applied whispering gallery modes on ZnO nanorods coated glass for humidity sensing application. Optoelectronics Letters, 2021, 17, 298-301.	0.8	2

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55	Agarose coated micro-bottle sensor for relative humidity detection. Optoelectronics Letters, 2021, 17, 328-333.	0.8	2
56	Sodium Carbonate for Generating Q-Switched Pulses in 1550 nm Region. Fiber and Integrated Optics, 2021, 40, 292-303.	2.5	2
57	Ultrafast laser soliton mode-locked at 1.5 Î¼m region based on Cr2AlC MAX phase as a saturable absorber. Optical Engineering, 2021, 60, .	1.0	20
58	Simple Fabrication of Bismuth Telluride Used as Saturable Absorber for Generating Microsecond Pulse Fiber Laser. , 2021, , .		0
59	Nanosecond passively Q-switched fiber laser in the 1.5ÂÂµm region using turmeric saturable absorber. Optics and Laser Technology, 2021, 139, 106971.	4.6	12
60	Gold nanoparticles film for Q-switched pulse generation in thulium doped fiber laser cavity. Optoelectronics Letters, 2021, 17, 449-453.	0.8	3
61	Humidity sensing using microfiber-ZnO nanorods coated glass structure. Optik, 2021, 238, 166715.	2.9	11
62	Titanium carbide MXene for generating Qâ€switched pulses in erbiumâ€doped fiber laser cavity. Microwave and Optical Technology Letters, 2021, 63, 2893-2897.	1.4	0
63	Q-switched pulse generation in a bidirectionally pumped EDFL utilizing Lu2O3 as saturable absorber. Optoelectronics Letters, 2021, 17, 529-533.	0.8	2
64	Lawsone dye material as potential saturable absorber for Q-switched erbium doped fiber laser. Optical Fiber Technology, 2021, 64, 102537.	2.7	6
65	Formaldehyde sensor with enhanced performance using microsphere resonator-coupled ZnO nanorods coated glass. Optics and Laser Technology, 2021, 139, 106853.	4.6	10
66	Nanosecond Q-switched pulse generation using poly(3,4 ethylenedioxythiophene): Poly(4-styrenesulfonate) thin film as saturable absorber. Infrared Physics and Technology, 2021, 116, 103788.	2.9	8
67	Acetone Liquid Sensing Based on Fiber Optic Mach-Zehnder Interferometer. , 2021, , .		1
68	Thermally stable and fast responsive mesoporous cresol red functionalized silica and titania nanomatrices: fiber optic pH sensors. Journal of Sol-Gel Science and Technology, 2021, 99, 497-511.	2.4	5
69	Application of black phosphorus for pulse generation in erbium-doped fiber laser. Results in Optics, 2021, 4, 100091.	2.0	8
70	MXene Ti₃C₂T_x thin film as a saturable absorber for passively mode-locked and Q-switched fibre laser. Journal of Modern Optics, 2021, 68, 984-993.	1.3	7
71	Passively Q-switched erbium-doped fiber laser with mechanical exfoliation of 8-HQCDCL2H2O as saturable absorber. Optik, 2021, 242, 167073.	2.9	14
72	Micro-bottle resonator for sodium hypochlorite sensor. Optik, 2021, 242, 167328.	2.9	1

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73	Concentration measurement of opaque dye solution using a non-contact fiber displacement sensor. Optical Fiber Technology, 2021, 65, 102624.	2.7	1
74	Effect of polyvinyl alcohol coating microbottle resonator for sodium hypochlorite concentration sensing. Optik, 2021, 242, 166824.	2.9	2
75	Hygroscopicity Enhancement of Low Temperature Hydrothermally Synthesized Zinc Oxide Nanostructure with Heterocyclic Organic Compound for Humidity Sensitization. Sensors and Actuators B: Chemical, 2021, 345, 130010.	7.8	8
76	Optically functionalized hierarchical hematite assembled silica-titania nanocomposites for hydrocarbon detection: Fiber optic chemical sensor. Microporous and Mesoporous Materials, 2021, 326, 111398.	4.4	4
77	Synthesis of silver nanoparticles using chemical reduction techniques for Q-switcher at 1.5ÂÂµm region. Optik, 2021, 244, 167621.	2.9	8
78	Polyvinyl alcohol coating microbottle resonator on whispering gallery modes for ethanol liquid sensor. Optics and Laser Technology, 2021, 143, 107379.	4.6	4
79	Ti3AlC2 MAX phase thin film as saturable absorber for generating soliton mode-locked fiber laser. Optik, 2021, 245, 167767.	2.9	11
80	Integrating microsphere resonator and ZnO nanorods coated glass for humidity sensing application. Optics and Laser Technology, 2021, 143, 107356.	4.6	9
81	The effects of different parameters and interaction angles of a 532Ânm pulsed Nd: YAG laser on the properties of laser-ablated silver nanoparticles. Optics Communications, 2021, 501, 127366.	2.1	7
82	Absorption, fluorescence and sensing quality of Rose Bengal dye-encapsulated cinnamon nanoparticles. Sensors and Actuators A: Physical, 2021, 332, 113055.	4.1	5
83	Stretched-pulse generation in all-fiber mode-locked erbium-doped fiber laser using Lawsone dye saturable absorber. Results in Optics, 2021, 5, 100148.	2.0	2
84	Generation of Q-switched fiber laser at 1.0-, 1.55- and 2.0-Âµm employing a spent coffee ground based saturable absorber. Optical Fiber Technology, 2021, 61, 102434.	2.7	7
85	Graphene/PVA coated D-shaped fiber for sodium nitrate sensing. Sensors and Actuators A: Physical, 2021, 332, 113163.	4.1	5
86	Evanescent field interaction of 1550Ânm pulsed laser with silver nanomaterial coated D-shape fiber. Infrared Physics and Technology, 2021, 119, 103920.	2.9	4
87	Dark Pulse Mode-locked Laser based on Aluminum Zinc Oxide coated D-shape fiber as Saturable Absorber. Fiber and Integrated Optics, 2021, 40, 322-334.	2.5	1
88	Enhanced fiber mounting and etching technique for optimized optical power transmission at critical cladding thickness for fiber-sensing application. Laser Physics, 2021, 31, 126201.	1.2	4
89	Surface plasmon resonance optical sensor for COVID-19 detection. Nanosystems: Physics, Chemistry, Mathematics, 2021, 12, 575-582.	0.4	1
90	Hafnium Bismuth Erbium Co-Doped Fiber Based Dark Pulses Generation With Black Phosphorus As Saturable Absorber. Journal of Physics: Conference Series, 2021, 2075, 012018.	0.4	0

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91	The generation of nanosecond pulses at C-band region with titanium dioxide as a saturable absorber. Journal of Physics: Conference Series, 2021, 2075, 012013.	0.4	1
92	Optical Microfiber Sensor : A Review. Journal of Physics: Conference Series, 2021, 2075, 012021.	0.4	4
93	Q-switched Ytterbium-doped fibre laser using an 8 cm long Hafnium bismuth erbium co-doped fibre saturable absorber. Journal of Physics: Conference Series, 2021, 2075, 012020.	0.4	0
94	Generation of Passive Q-switched by using Graphene Oxide in Erbium Doped Fiber Laser. , 2021, , .		0
95	The Design of Optical Waveguide Sensor Based on Surface Plasmon Resonance. , 2021, , .		0
96	Nanosecond pulses generation with rose gold nanoparticles saturable absorber. Indian Journal of Physics, 2020, 94, 1079-1083.	1.8	6
97	Effect of PMMA and PVA coating on the performance of optical microbottle resonator humidity sensors. Microwave and Optical Technology Letters, 2020, 62, 993-998.	1.4	10
98	Qâ€switching pulses generation with samarium oxide film saturable absorber. Microwave and Optical Technology Letters, 2020, 62, 1049-1055.	1.4	4
99	Soliton mode-locked Er-doped fiber laser by using Alq3 saturable absorber. Optics and Laser Technology, 2020, 123, 105893.	4.6	15
100	All fiber multiwavelength Tm-doped double-clad fiber laser assisted by four-wave mixing in highly nonlinear fiber and Sagnac loop mirror. Optics Communications, 2020, 456, 124589.	2.1	14
101	Enhanced triple-pass hybrid erbium doped fiber amplifier using distribution pumping scheme in a dual-stage configuration. Optik, 2020, 204, 164191.	2.9	15
102	Bundled plastic optical fiber based sensor for ECG signal detection. Optik, 2020, 203, 164077.	2.9	6
103	Poly(3-hexylthiophene-2,5-diyl) regioregular (P3HT) thin film as saturable absorber for passively Q-switched and mode-locked Erbium-doped fiber laser. Optical Fiber Technology, 2020, 54, 102073.	2.7	17
104	Indium tin oxide coated D-shape fiber as saturable absorber for passively Q-switched erbium-doped fiber laser. Optics and Laser Technology, 2020, 124, 105998.	4.6	23
105	Alq 3 saturable absorber for generating Qâ€switched pulses in erbiumâ€doped fiber laser. Microwave and Optical Technology Letters, 2020, 62, 1028-1032.	1.4	1
106	Low-profile folded dipole UHF RFID tag antenna with outer strip lines for metal mounting application. Turkish Journal of Electrical Engineering and Computer Sciences, 2020, 28, 2643-2656.	1.4	5
107	MAX phase Ti3AlC2 embedded in PVA and deposited onto D-shaped fiber as a passive Q-switcher for erbium-doped fiber laser. Optik, 2020, 224, 165682.	2.9	23
108	Q-switched erbium-doped fiber laser with silicon oxycarbide saturable absorber. Optik, 2020, 219, 165234.	2.9	9

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109	Tungsten trioxide (WO3) film absorber for generating soliton mode-locked pulses in erbium laser. Optics and Laser Technology, 2020, 131, 106429.	4.6	26
110	Optical fiber coated with zinc oxide nanorods toward light side coupling for sensing application. , 2020, , 293-304.		4
111	Q-switched and tunable wavelength fiber laser utilizing nickel oxide saturable absorber and sagnac loop mirror filter. Infrared Physics and Technology, 2020, 109, 103433.	2.9	11
112	Dark pulse mode-locked fibre laser with zirconia-based erbium-doped fibre (Zr-EDF) and Black phosphorus saturable absorber. Optik, 2020, 223, 165635.	2.9	25
113	Rose gold nanoparticles film for generating Q-switched and mode-locked pulses. Results in Optics, 2020, 1, 100007.	2.0	2
114	Mechanical exfoliation of indium tin oxide as saturable absorber for Q-switched Ytterbium-doped and Erbium-doped fiber lasers. Optics Communications, 2020, 475, 126217.	2.1	18
115	Generation of Q-switched Erbium-Doped Fiber Laser Using Titanium Dioxide Film Based Saturable Absorber. IOP Conference Series: Materials Science and Engineering, 2020, 854, 012018.	0.6	4
116	Microsecond Pulse Generation using Bismuth Salenide as Saturable Absorber in 1.5 Î¼m Region. IOP Conference Series: Materials Science and Engineering, 2020, 854, 012037.	0.6	0
117	Q-switched Erbium-Doped Fiber Laser Incorporating Multi-Walled Carbon Nanotubes as a Saturable Absorber. IOP Conference Series: Materials Science and Engineering, 2020, 854, 012059.	0.6	0
118	Fibre-based Saturable Absorbers for Pulsed Generations in the 1-micron Region. IOP Conference Series: Materials Science and Engineering, 2020, 854, 012071.	0.6	0
119	Microbottle-Resonator Ethanol Liquid Sensor. IOP Conference Series: Materials Science and Engineering, 2020, 854, 012075.	0.6	4
120	NiS2 as a broadband saturable absorber for ultrafast pulse lasers. Optics and Laser Technology, 2020, 132, 106492.	4.6	16
121	Non-contact Fiber Optic Displacement Sensor for Sugar Concentration Detection. Journal of Physics: Conference Series, 2020, 1484, 012006.	0.4	1
122	D-shape Fiber Coated with Indium Tin Oxide for Temperature Sensor Application. IOP Conference Series: Materials Science and Engineering, 2020, 854, 012016.	0.6	1
123	Inducing Q-switching operation at 1-micron all-fiber laser via lutetium oxide film saturable absorber. Optik, 2020, 219, 165267.	2.9	5
124	Sc₂O₃ PVA Film for Switching and Mode-Locking Application in Erbium-Doped Fiber Laser Cavity. Fiber and Integrated Optics, 2020, 39, 137-148.	2.5	4
125	Optical and Photoacoustic Properties of Laser-Ablated Silver Nanoparticles in a Carbon Dots Solution. Molecules, 2020, 25, 5798.	3.8	5
126	Passively Q-switched Erbium-doped Fiber Laser using Tungsten Disulfide deposited D-shaped Fiber as Saturable Absorber. IOP Conference Series: Materials Science and Engineering, 2020, 854, 012021.	0.6	0

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127	Femtosecond mode-locked laser at 1.5ÂÎ¼m region using turmeric-based saturable absorber. Infrared Physics and Technology, 2020, 111, 103548.	2.9	13
128	Power-dependent nonlinear optical behaviours of ponceau BS chromophore at 532 nm via Z-scan technique. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 397, 112574.	3.9	17
129	Bismuthâ€doped fiber as Qâ€switcher in hafnium bismuth erbium coâ€doped fiber laser. Microwave and Optical Technology Letters, 2020, 62, 3634-3639.	1.4	5
130	Electron beam deposited silver (Ag) saturable absorber as passive Q-switcher in 1.5- and 2-micron fiber lasers. Optik, 2020, 207, 164455.	2.9	8
131	Zinc phthalocyanine thin film as saturable absorber for Q-switched pulse generation. Optical Fiber Technology, 2020, 57, 102235.	2.7	5
132	MXene Ti3C2Tx as a passive Q-switcher for erbium-doped fiber laser. Optical Fiber Technology, 2020, 58, 102289.	2.7	20
133	Indium Tin Oxide Coated D-Shape Fiber as a Saturable Absorber for Generating a Dark Pulse Mode-Locked Laser*. Chinese Physics Letters, 2020, 37, 054202.	3.3	24
134	Sodium nitrate sensor based on D-shaped fiber structure. Measurement: Journal of the International Measurement Confederation, 2020, 163, 107927.	5.0	7
135	Humidity Effects on the Growth of ZnO Nanorods using Hydrothermal Method. Journal of Physics: Conference Series, 2020, 1552, 012004.	0.4	1
136	MEH-PPV organic material as saturable absorber for Q-switching and mode-locking applications. Journal of Modern Optics, 2020, 67, 746-753.	1.3	5
137	Generation of Q-switched and mode-locked pulses with Eu2O3 saturable absorber. Optics and Laser Technology, 2020, 127, 106163.	4.6	27
138	Side-Polished Optical Fiber Structure for Sodium Nitrate Sensor. IEEE Sensors Journal, 2020, 20, 5929-5934.	4.7	3
139	U-Shaped Inductively Coupled Feed UHF RFID Tag Antenna With DMS for Metal Objects. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 907-911.	4.0	10
140	FBG Sensors for Environmental and Biochemical Applicationsâ€”A Review. IEEE Sensors Journal, 2020, 20, 7614-7627.	4.7	70
141	MAX phase based saturable absorber for mode-locked erbium-doped fiber laser. Optics and Laser Technology, 2020, 127, 106186.	4.6	53
142	Mode-locked laser at 1066â€‰nm by using Alq3 as saturable absorber in all-fiber based cavity. Optik, 2020, 219, 165179.	2.9	10
143	Thulium oxide film as a passive saturable absorber for pulsed fiber laser generation. Optical Fiber Technology, 2020, 58, 102249.	2.7	5
144	Copper nanoparticles-chitosan based saturable absorber in passively Q-switched erbium doped fiber laser. AIP Conference Proceedings, 2020, , .	0.4	4

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145	Tungsten tri-oxide (WO3) film absorber for generating Q-switched pulses in erbium laser. Journal of Modern Optics, 2020, 67, 374-382.	1.3	18
146	Mode-locked erbium-doped fiber laser via evanescent field interaction with indium tin oxide. Optical Fiber Technology, 2020, 55, 102124.	2.7	15
147	PMMA microfiber and Microball Resonator for fomaldehyde liquid sensing. Sensors and Actuators A: Physical, 2020, 304, 111828.	4.1	2
148	ZnO nanorods coated microfiber loop resonator for relative humidity sensing. Optical Fiber Technology, 2020, 54, 102080.	2.7	10
149	Optimizing waist diameter of microfiber-ZnO nanorods structure for humidity sensing application. AIP Conference Proceedings, 2020, , .	0.4	1
150	Precursors to non-invasive clinical dengue screening: Multivariate signature analysis of in-vivo diffuse skin reflectance spectroscopy on febrile patients in Malaysia. PLoS ONE, 2020, 15, e0228923.	2.5	2
151	Detection of seismograph signal using fiber bundle sensor. Optik, 2020, 208, 164554.	2.9	5
152	Efficiency enhancement of phase-conjugated twin waves technique by shaping envelopes of subcarriers in all-optical OFDM systems. Optics Communications, 2020, 472, 125864.	2.1	1
153	ZnO nanorod-coated tapered plastic fiber sensors for relative humidity. Optics Communications, 2020, 473, 125924.	2.1	12
154	Q-switched and mode-locked erbium-doped fiber laser using gadolinium oxide as saturable absorber. Optical Fiber Technology, 2020, 57, 102209.	2.7	15
155	Femtosecond modeâ€locked erbiumâ€doped fibre laser with Alq 3 saturable absorber. IET Optoelectronics, 2020, 14, 234-241.	3.3	4
156	Gainâ€flattened hybrid EDFA operating in Câ€‰+â€‰L band with parallel pumping distribution technique. IET Optoelectronics, 2020, 14, 447-451.	3.3	12
157	Q-Switched YDFL generation by a MAX phase saturable absorber. Applied Optics, 2020, 59, 5408.	1.8	19
158	Soliton mode-locked pulse generation with a bulk structured MXene Ti₃AlC₂ deposited onto a D-shaped fiber. Applied Optics, 2020, 59, 8759.	1.8	13
159	Passively Q-switched pulses from ytterbium-doped fiber laser (YDFL) using copper oxide (CuO) nanoparticles as a saturable absorber. Optical Materials Express, 2020, 10, 2896.	3.0	9
160	Formaldehyde sensing using micro-loop resonator. AIP Conference Proceedings, 2020, , .	0.4	0
161	Relative Humidity Sensor based on Tapered Plastic Optical Fibre with Full-and Spiral-Patterned Agarose Gel Coating. , 2020, , .		0
162	Generation of passively Qâ€switched ytterbium laser by using tungsten triâ€oxide film absorber. IET Optoelectronics, 2020, 14, 278-284.	3.3	11

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163	Generation of Q-switched and mode-locked pulses using neodymium oxide as saturable absorber. Results in Optics, 2020, 1, 100032.	2.0	5
164	A tunable optical frequency comb source using cascaded frequency modulator and Machâ€“Zehnder modulators. Journal of Optical Communications, 2020, .	4.7	3
165	Nanosecond mode-locked erbium doped fiber laser based on zinc oxide thin film saturable absorber. Indian Journal of Physics, 2019, 93, 93-99.	1.8	25
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