Harith Ahmad

List of Publications by Year
in descending order

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1,072 papers	13,676 citations	38742 50 h-index	106344 65 g-index
1081 all docs	1081 docs citations	1081 times ranked	5823 citing authors

#	Article	IF	Citations
1	Hybrid Chalcogenideâ€Germanosilicate Waveguides for High Performance Stimulated Brillouin Scattering Applications. Advanced Functional Materials, 2022, 32, 2105230.	14.9	10
2	Generation of four-wave mixing with nonlinear Vanadium-carbide (V2C)-deposited side-polished fiber (SPF) in 1.5- and 2.0-Âµm wavelength operation. Optics and Laser Technology, 2022, 145, 107458.	4.6	11
3	L-band femtosecond fiber laser with Cu₂Te-PVA thin film. Laser Physics Letters, 2022, 19, 015101.	1.4	0
4	Thulium-doped fluoride mode-locked fiber laser based on nonlinear polarization rotation. Optical and Quantum Electronics, 2022, 54, 1.	3.3	3
5	Performance of Q-Switched Fiber Laser Using Optically Deposited Reduced Graphene Oxide as Saturable Absorber. Fiber and Integrated Optics, 2022, 41, 26-40.	2.5	4
6	Liquid phase exfoliation of hafnium diselenide and its role in initiating the mode-locked pulse laser at eye-safe wavelength region. Optical Materials, 2022, 123, 111933.	3.6	6
7	Arc-shaped fiber coated with Ta2AlC MAX phase as mode-locker for pulse laser generation in thulium/holmium doped fiber laser. Optik, 2022, 252, 168508.	2.9	9
8	Ti3C2 MXene as an optical modulator in a Thulium/Holmium-doped fiber laser. Optics and Laser Technology, 2022, 149, 107802.	4.6	7
9	Ultrasensitive parallel double-FPIs sensor based on Vernier effect and Type II fiber Bragg grating for simultaneous measurement of high temperature and strain. Optics Communications, 2022, 508, 127717.	2.1	8
10	Ti2C MXene for multi-wavelength enhancement in S-band Q-switched thulium doped fluoride fiber laser. Optical Fiber Technology, 2022, 68, 102790.	2.7	2
11	Strain Sensor Based on Embedded Fiber Bragg Grating in Thermoplastic Polyurethane Using the 3D Printing Technology for Improved Sensitivity. Photonic Sensors, 2022, 12, 1.	5.0	13
12	Generation of Mode-Locked Thulium-Doped Fiber Laser in 2.0-Î¼m Wavelength Operation by Polymer-Coated Iron Phosphorus Trisulfide (FePS₃)-Based Saturable Absorber. IEEE Journal of Quantum Electronics, 2022, 58, 1-8.	1.9	4
13	Polarization response of planarized optical waveguides to determine the anisotropic complex refractive index of graphene oxide thin films. Applied Optics, 2022, 61, 744.	1.8	3
14	Generation of mode-locked pulses based on D-shaped fiber with CdTe as a saturable absorber in the C-band region. RSC Advances, 2022, 12, 8637-8646.	3.6	0
15	A High-Precision Extensometer System for Ground Displacement Measurement Using Fiber Bragg Grating. IEEE Sensors Journal, 2022, 22, 8509-8521.	4.7	10
16	Temperature-independent vibration sensor based on Fabryâ€“Perot interferometer using a fiber Bragg grating approach. Optical Engineering, 2022, 61, .	1.0	2
17	Passively Q-switched 1.3ÂÎ¼m bismuth doped-fiber laser based on transition metal dichalcogenides saturable absorbers. Optical Fiber Technology, 2022, 69, 102851.	2.7	10
18	Review: Dark pulse generation in fiber laser system. Optics and Laser Technology, 2022, 151, 108056.	4.6	6

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19	Optical Fiber Sensor With Double Tubes for Accurate Strain and Temperature Measurement Under High Temperature up to 1000 Â°C. IEEE Sensors Journal, 2022, 22, 11710-11716.	4.7	12
20	Deposition of Ti2AlC MAX phase onto the side polished fiber as saturable absorber for soliton mode-locked fiber laser generation. Optical and Quantum Electronics, 2022, 54, .	3.3	2
21	Thermal release tape assisted mechanical exfoliation of pristine TMD and the performance of the exfoliated TMD saturable absorbers for Q-switched laser generation. Optical Materials, 2022, 128, 112363.	3.6	6
22	Development of polarization modulator using MXene thin film. Scientific Reports, 2022, 12, 6766.	3.3	4
23	Enhancement of four-wave mixing and supercontinuum generations aided with dual arc-shaped fiber with 2D material. IEEE Journal of Quantum Electronics, 2022, , 1-1.	1.9	0
24	Layered gallium telluride for inducing mode-locked pulse laser in thulium/holmium-doped fiber. Journal of Luminescence, 2022, 248, 119002.	3.1	3
25	Graphene filament-chitin bio-composite polymer based passive Q-switcher in EDFL with tunable wavelength. AIP Conference Proceedings, 2022, , .	0.4	0
26	L-cysteine grafted fiber-optic chemosensor for heavy metal detection. Optical Fiber Technology, 2022, 71, 102938.	2.7	5
27	Methodology for Fabrication-Tolerant Planar Directional Couplers. IEEE Photonics Journal, 2022, 14, 1-9.	2.0	1
28	Generation of mode-locked thulium/holmium-doped fiber laser assisted by bismuthene/side polished fiber as saturable absorber. Laser Physics Letters, 2022, 19, 075103.	1.4	3
29	Solution-processed antimonene integrated arc-shaped fiber for mode-locked pulse laser generation at 1.9ÂÎ¼m spectral region. Optical Materials, 2022, 131, 112635.	3.6	1
30	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
31	S-band Mode-locked Thulium-doped fluoride fiber laser using FePS3 as saturable absorber. Optical Fiber Technology, 2022, 72, 102985.	2.7	8
32	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
33	Tunable Q-switched ytterbium-doped fibre laser with Nickel Oxide saturable absorber. Indian Journal of Physics, 2021, 95, 361-366.	1.8	1
34	All fiber temperature sensor based on light polarization measurement utilizing graphene coated tapered fiber. Microwave and Optical Technology Letters, 2021, 63, 1314-1318.	1.4	2
35	Double-side polished fiber for generation of mode-locked fiber lasers. Optics Communications, 2021, 479, 126476.	2.1	4
36	Vibration Mode Analysis for a Suspension Bridge by Using Low-Frequency Cantilever-Based FBG Accelerometer Array. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	22

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37	Tunable Dual-Wavelength Bismuth Fiber Laser With 37.8-GHz Frequency Spacing. Journal of Lightwave Technology, 2021, 39, 6617-6623.	4.6	1
38	Multivariate Regression Between Hounsfield Unit Shift, Tissue Temperature, and Tissue Contraction: A Feasibility Study of Computed Tomography Thermometry. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	2
39	Laser-heated needle for biopsy tract ablation: In vivo study of rabbit liver biopsy. Physica Medica, 2021, 82, 40-45.	0.7	4
40	Label-free surface-plasmon resonance fiber grating biosensor for Hand-foot-mouth disease (EV-A71) detection. Optik, 2021, 228, 166221.	2.9	14
41	Cu2Te-PVA as saturable absorber for generating Q-switched erbium-doped fiber laser. Optical and Quantum Electronics, 2021, 53, 1.	3.3	7
42	3D-Printed Tilt Sensor Based on an Embedded Two-Mode Fiber Interferometer. IEEE Sensors Journal, 2021, 21, 7565-7571.	4.7	9
43	Generation of four-wave mixing in molybdenum ditelluride (MoTe₂)-deposited side-polished fibre. Journal of Modern Optics, 2021, 68, 425-432.	1.3	7
44	1.3ÂÂµm dissipative soliton resonance generation in Bismuth doped fiber laser. Scientific Reports, 2021, 11, 6356.	3.3	10
45	Fabrication of a carbon nanotube/tungsten disulfide visible spectrum photodetector. Applied Optics, 2021, 60, 2839.	1.8	1
46	1.9 Î¼m mode-locked fiber laser based on evanescent field interaction with metallic vanadium diselenide (VSe2). Optik, 2021, 230, 166280.	2.9	8
47	Passively mode-locked thulium-holmium co-doped fiber laser using hybrid side polished fiber with MoWS2-rGO nanocomposite. Optical Fiber Technology, 2021, 62, 102468.	2.7	7
48	Niobium carbide (Nb₂C) MXene as a saturable absorber to assist in the generation of a wavelength tunable passively Q-switched fiber laser. Laser Physics Letters, 2021, 18, 065101.	1.4	8
49	Performance of Nb2C MXene coated on tapered fiber as saturable absorber for the generation of Mode-Locked Erbium-Doped fiber laser. Infrared Physics and Technology, 2021, 114, 103647.	2.9	19
50	Allâ€fibre phase shifter based on tapered fibre coated with MoWS ₂ â€rGO. IET Optoelectronics, 2021, 15, 264-269.	3.3	7
51	1.3ÂÎ¼m passively Q-Switched bismuth doped fiber laser using Nb2C saturable absorber. Optical Materials, 2021, 116, 111087.	3.6	7
52	Passively mode locked thulium and thulium/holmium doped fiber lasers using MXene Nb2C coated microfiber. Scientific Reports, 2021, 11, 11652.	3.3	26
53	2 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e445" altimg="si7.svg"><mml:mrow><mml:mn>08</mml:mn><mml:mspace width="1em" class="nbsp" /><mml:mi mathvariant="normal">Î¼</mml:mi><mml:mi mathvariant="normal">m</mml:mi></mml:mrow></mml:math>Q-switched holmium fiber laser using niobium carbide-polyvinyl alcohol (Nb2C-PVA) as a saturable absorber. Optics Communications, 2021, 490, 126888.	2.1	11
54	1.5 and 2.0 Âµm all-optical modulators based on niobium-carbide (Nb2C)-PVA film. Laser Physics Letters, 2021, 18, 085103.	1.4	1

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55	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.	8.1	36
56	Biaxial 3D-Printed Inclinometer Based on Fiber Bragg Grating Technology. IEEE Sensors Journal, 2021, 21, 18815-18822.	4.7	8
57	Mode-locked thulium/holmium-doped fiber laser with vanadium carbide deposited on tapered fiber. Optical Fiber Technology, 2021, 65, 102589.	2.7	8
58	Optical phase transition of Ge2Sb2Se4Te1 thin film using low absorption wavelength in the 1550Ânm window. Optical Materials, 2021, 120, 111450.	3.6	8
59	MoTe2-PVA as saturable absorber for passively Q-switched thulium-doped fluoride and erbium-doped fiber laser. Optik, 2021, 243, 167157.	2.9	8
60	Graphene-chitin bio-composite polymer based mode locker at 2 micron region. Optik, 2021, 245, 167710.	2.9	4
61	Mode-locked thulium/holmium co-doped fiber laser using WTe2-covered tapered fiber. Optik, 2021, 245, 167723.	2.9	6
62	Thulium-holmium doped fiber laser mode-locking with hafnium disulfide (HfS2) coated on D-shaped fiber. Optik, 2021, 246, 167785.	2.9	1
63	The performance of Ti2C MXene and Ti2AlC MAX Phase as saturable absorbers for passively mode-locked fiber laser. Optical Fiber Technology, 2021, 67, 102683.	2.7	22
64	Multi-wavelength Bismuth-doped fiber laser in 1.3ÂÂµm based on a compact two-mode fiber filter. Optics and Laser Technology, 2021, 144, 107390.	4.6	6
65	The effect of carboxymethylcellulose host concentration on the performance of mode-locked pulsed laser generation. Optical Materials, 2021, 122, 111699.	3.6	3
66	An investigation on temperature sensitivity of conductive carbon coated fiber Bragg grating. Results in Optics, 2021, 5, 100164.	2.0	2
67	2ÂÎ¼m passively mode-locked thulium-doped fiber lasers with Ta2AlC-deposited tapered and side-polished fibers. Scientific Reports, 2021, 11, 21278.	3.3	12
68	Double F-P Interference Optical Fiber High Temperature Gas Pressure Sensor Based on Suspended Core Fiber. IEEE Sensors Journal, 2021, 21, 26805-26813.	4.7	16
69	Signal demodulation for Surface Plasmon Resonance Tilted fiber Bragg Grating based on Root Sum Squared Method. IEEE Transactions on Instrumentation and Measurement, 2021, , 1-1.	4.7	2
70	Tunable Spacing Dual-Wavelength Q-Switched Fiber Laser Based on Tunable FBG Device. Photonics, 2021, 8, 524.	2.0	7
71	Regenerated Chirped Grating-Michelson Interferometer as a Laser Beam Intensity Profiler for CO2 Laser. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 559-564.	4.7	2
72	All-Optical Humidity Sensor Using SnO2 Nanoparticle Drop Coated on Straight Channel Optical Waveguide. Photonic Sensors, 2020, 10, 123-133.	5.0	8

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73	Configurable triple wavelength semiconductor optical amplifier fiber laser using multiple broadband mirrors. Microwave and Optical Technology Letters, 2020, 62, 46-52.	1.4	4
74	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
75	Fiber Bragg Grating-Based Fabry-Perot Interferometer Sensor for Damage Detection on Thin Aluminum Plate. IEEE Sensors Journal, 2020, 20, 3564-3571.	4.7	10
76	Enhanced triple-pass hybrid erbium doped fiber amplifier using distribution pumping scheme in a dual-stage configuration. Optik, 2020, 204, 164191.	2.9	15
77	Generation of mode-locked noise-like pulses in double-clad Tm-doped fibre laser with nonlinear optical loop mirror. Journal of Modern Optics, 2020, 67, 146-152.	1.3	19
78	S/S+-band tunable dual-wavelength thulium doped fluoride fiber laser. Infrared Physics and Technology, 2020, 105, 103168.	2.9	1
79	Q-switched Thulium-doped fiber laser at 1860â€¯nm and 1930â€¯nm using a Holmium-doped fiber as an amplified spontaneous emission filter. Optics and Laser Technology, 2020, 123, 105908.	4.6	3
80	Q-Switched Fiber Laser at $1.5~mu$ m Region Using Ti₃AlC₂ MAX Phase-Based Saturable Absorber. IEEE Journal of Quantum Electronics, 2020, 56, 1-6.	1.9	17
81	All Fiber Temperature Sensor Based on TMD Alloy Coated Tapered Fiber. , 2020, , .		0
82	Growth of magnetic binary metal oxides on reduced graphene oxide sheets and its application as saturable absorber in mode-locked Tm/Ho Co-doped fiber laser. Optical Materials, 2020, 109, 110293.	3.6	4
83	Soliton passively mode-locked pulses generation in thulium-holmium doped fiber laser (THDFL) with molybdenum oxide saturable absorber. Optical Fiber Technology, 2020, 60, 102344.	2.7	7
84	Frequency switching multiwavelength Brillouin Raman fibre laser based on feedback power adjustment technique. Journal of Modern Optics, 2020, 67, 951-957.	1.3	6
85	Reduced Graphene Oxide-Silver Nanoparticles for Optical Pulse Generation in Ytterbium- and Erbium-Doped Fiber Lasers. Scientific Reports, 2020, 10, 9408.	3.3	21
86	Application of two-dimensional materials in fiber laser systems. , 2020, , 227-264.		3
87	Ultrasonic-assisted synthesis of Ti3AlC2-TiO2 composite and its application as a saturable absorber for generating the mode-locked pulses in thulium-holmium doped fiber laser. Results in Optics, 2020, 1, 100018.	2.0	6
88	Passively Q-switched thulium fluoride fiber laser operating in S-band region using N-doped graphene saturable absorber. Indian Journal of Physics, 2020, 95, 1837.	1.8	2
89	All-fiberized, mode-locked laser at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e95" altimg="si1.svg"><mml:mrow><mml:mn>1</mml:mn><mml:mo>.</mml:mo><mml:mn>95</mml:mn><mml:mspace width="1em" class="nbsp" /><mml:mi mathvariant="normal">Î¼</mml:mi><mml:mi mathvariant="normal">m</mml:mi></mml:mrow></mml:math> using copper chalcogenide Cu2Te-based evanescent field interaction. Optics Communications, 2020, 476, 126329.	2.1	6
90	GeSe Evanescent Field Saturable Absorber for Mode-Locking in a Thulium/Holmium Fiber Laser. IEEE Journal of Quantum Electronics, 2020, 56, 1-8.	1.9	13

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91	Multi- and dual-wavelength Thulium-doped fluoride fiber laser assisted by four-wave mixing in S-band region. Infrared Physics and Technology, 2020, 111, 103485.	2.9	4
92	68 MHz Fundamental Repetition Rates for Mode-Locked Erbium Doped Fiber Laser based Carbon Nanotube Saturable Absorber. Journal of Physics: Conference Series, 2020, 1529, 042003.	0.4	2
93	Nanotube Mode-Locker with Tuneable Wavelength. , 2020, , .		0
94	High photoresponsivity and external quantum efficiency of ultraviolet photodetection by mechanically exfoliated planar multi-layered graphene oxide sheet prepared using modified Hummer's method and spin coating technique. Materials Express, 2020, 10, 998-1009.	0.5	3
95	Multiwavelength Brillouin Generation in Bismuth-Doped Fiber Laser With Single- and Double-Frequency Spacing. Journal of Lightwave Technology, 2020, 38, 6886-6896.	4.6	21
96	Tunable passively Q-switched thulium doped fluoride fibre (TDFF) laser using reduced graphene oxide-silver (rGO-Ag) as saturable absorber. Journal of Modern Optics, 2020, 67, 1022-1030.	1.3	5
97	Configurable TE- and TM-Pass Graphene Oxide-Coated Waveguide Polarizer. IEEE Photonics Technology Letters, 2020, 32, 627-630.	2.5	14
98	Large polarization response of planarized optical waveguide functionalized with 2D material overlays. Journal of Modern Optics, 2020, 67, 730-736.	1.3	2
99	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
100	Temporal and amplitude modulation at C-band region using Bi2Te3-based optical modulator. Journal of Modern Optics, 2020, 67, 638-646.	1.3	4
101	Graphene Oxide Functionalized Optical Planar Waveguide for Water Content Measurement in Alcohol. Photonic Sensors, 2020, 10, 215-222.	5.0	1
102	Stable multiwavelength semiconductor optical amplifierâ€based fiber laser using a 2â€mode interferometer. Microwave and Optical Technology Letters, 2020, 62, 3363-3368.	1.4	4
103	All fiber normal dispersion mode locked ytterbium doped double-clad fiber laser using fiber taper with WS2-ZnO saturable absorber. Optics and Laser Technology, 2020, 130, 106350.	4.6	8
104	Tunable S+/S band Q-switched thulium-doped fluoride fiber laser using tungsten ditelluride (WTe2). Results in Physics, 2020, 17, 103124.	4.1	6
105	56 nm Wide-Band Tunable Q-Switched Erbium Doped Fiber Laser with Tungsten Ditelluride (WTe2) Saturable Absorber. Scientific Reports, 2020, 10, 9860.	3.3	16
106	A Temperature-Controlled Laser Hot Needle With Grating Sensor for Liver Tissue Tract Ablation. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 7119-7124.	4.7	15
107	Narrow bandwidth optimization using a polymer microring resonator in a thuliumâ€“holmium fiber laser cavity. Optics Communications, 2020, 466, 125574.	2.1	1
108	Temperature and strain response of in-fiber air-cavity Fabry-Perot interferometer under extreme temperature condition. Optik, 2020, 220, 165034.	2.9	7

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109	Generation of Q-switched Pulses in Thulium-doped and Thulium/Holmium-co-doped Fiber Lasers using MAX phase (Ti3AlC2). Scientific Reports, 2020, 10, 9233.	3.3	34
110	Tunable passively Q-switched erbium-doped fiber laser based on Ti3C2Tx MXene as saturable absorber. Optical Fiber Technology, 2020, 58, 102287.	2.7	21
111	Thermal characterization of phase difference among the LP modes in two-mode fibers based on numerical approach. Optik, 2020, 207, 164289.	2.9	1
112	Nanolitre solution drop-casting for selective area graphene oxide coating on planar surfaces. Materials Chemistry and Physics, 2020, 249, 122970.	4.0	19
113	Q-switched fiber laser based on CdS quantum dots as a saturable absorber. Results in Physics, 2020, 16, 103123.	4.1	24
114	ZnO nanorod-coated tapered plastic fiber sensors for relative humidity. Optics Communications, 2020, 473, 125924.	2.1	12
115	Spatial frequency spectrum of SPR-TFBG: A simple spectral analysis for in-situ refractometry. Optik, 2020, 219, 164970.	2.9	11
116	Gainâ€flattened hybrid EDFA operating in Câ€‰+â€‰L band with parallel pumping distribution technique. IET Optoelectronics, 2020, 14, 447-451.	3.3	12
117	155 nm-wideband and tunable q-switched fiber laser using an MXene Ti₃C₂T_X coated microfiber based saturable absorber. Laser Physics Letters, 2020, 17, 085103.	1.4	21
118	Passively Q-switched S+/S band fiber laser with copper telluride saturable absorber. Laser Physics Letters, 2020, 17, 095102.	1.4	8
119	Q-Â„switched tunable ytterbium-doped fiber laser with molybdenum ditelluride-based saturable absorber. Optical Engineering, 2020, 59, 1.	1.0	2
120	Wide multiwavelength Brillouinâ€“Raman fiber laser assisted by an arc-shaped fiber attenuator. Applied Optics, 2020, 59, 1876.	1.8	8
121	Cascaded Fabry-Perot interferometer-regenerated fiber Bragg grating structure for temperature-strain measurement under extreme temperature conditions. Optics Express, 2020, 28, 30478.	3.4	20
122	Surface ablation of poly allyl diglycol carbonate polymer using high-repetition-rate femtosecond laser. Optical Engineering, 2020, 59, 1.	1.0	0
123	Light modulation properties of GO-coated optical waveguide. Laser Physics, 2020, 30, 095102.	1.2	1
124	A Compact Linear-Cavity Multi-wavelength Praseodymium Fiber Laser by Stimulated Brillouin Scattering. , 2020, , .		0
125	MoSSe-based passively modulated erbium doped fiber laser. Laser Physics, 2020, 30, 095104.	1.2	0
126	1.8â€¯Âµm passively Q-switched thulium-doped fiber laser. Optics and Laser Technology, 2019, 120, 105757.	4.6	6

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127	Silicon racetrack resonator based on nonlinear material. European Physical Journal D, 2019, 73, 1.	1.3	3
128	Wide-band multiwavelength Brillouinâ€“Raman fiber laser based on feedback optimization. Optics Communications, 2019, 453, 124402.	2.1	7
129	Nickel phosphate as a C-band optical pulse modulator. Applied Physics B: Lasers and Optics, 2019, 125, 1.	2.2	5
130	Tungsten disulfide-chitosan film as optical pulse and amplitude modulator in C-band region. Laser Physics, 2019, 29, 105102.	1.2	7
131	Broadband high responsivity large-area plasmonic-enhanced multilayer MoS₂ on p-type silicon photodetector using Au nanostructures. Materials Research Express, 2019, 6, 105090.	1.6	4
132	Investigation of structural and optoelectronic properties of n-MoS2/p-Si sandwiched heterojunction photodetector. Optik, 2019, 198, 163237.	2.9	10
133	Discriminative measurement for temperature and humidity using hollow-core Fabry-Perot interferometer. Optical Fiber Technology, 2019, 53, 102027.	2.7	8
134	405â€‰nm ultraviolet photodetector based on tungsten disulphide thin film grown by drop casting method. Journal of Modern Optics, 2019, 66, 1836-1840.	1.3	7
135	Generation of sub-nanosecond pulse in dual-wavelength praseodymium fluoride fibre laser. Laser Physics, 2019, 29, 105101.	1.2	2
136	High performance graphene-like thinly layered graphite based visible light photodetector. Optical and Quantum Electronics, 2019, 51, 1.	3.3	0
137	Near-Infrared Soliton Mode-Locked Thulium Doped Fibre Laser Using WS₂-ZnO Composite Material as Saturable Absorber. IEEE Photonics Journal, 2019, 11, 1-10.	2.0	6
138	FBG Water-Level Transducer Based on PVC-Cantilever and Rubber-Diaphragm Structure. IEEE Sensors Journal, 2019, 19, 7407-7414.	4.7	8
139	Improvement of 2-Î¼m Thulium-Doped Fiber Lasers via ASE Suppression Using All-Solid Low-Pass Photonic Bandgap Fibers. Journal of Lightwave Technology, 2019, 37, 5686-5691.	4.6	4
140	Wide-band flat-gain optical amplifier using Hafnia and zirconia erbium co-doped fibres in double-pass parallel configuration. Journal of Modern Optics, 2019, 66, 1711-1716.	1.3	6
141	In-fiber Fabry Perot interferometer with narrow interference fringes for enhanced sensitivity in elastic wave detection. Optical Fiber Technology, 2019, 53, 102021.	2.7	8
142	Q-switched erbium-doped fiber laser using silver nanoparticles deposited onto side-polished D-shaped fiber by electron beam deposition method. Optical Fiber Technology, 2019, 53, 101997.	2.7	8
143	An efficient L-band Zirconia Yttria Aluminum Erbium co-doped fiber amplifier with 1480nm pumping. Journal of Nonlinear Optical Physics and Materials, 2019, 28, 1950018.	1.8	3
144	All-fiber optical polarization modulation system using MoS2 as modulator. Infrared Physics and Technology, 2019, 102, 103002.	2.9	14

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145	Application of MoWS2-rGO/PVA thin film as all-fiber pulse and amplitude modulators in the O-band region. Optical Fiber Technology, 2019, 48, 1-6.	2.7	11
146	An efficient wideband hafnia-bismuth erbium co-doped fiber amplifier with flat-gain over 80â€¯nm wavelength span. Optical Fiber Technology, 2019, 48, 186-193.	2.7	18
147	Dispersion-engineered silicon nitride waveguides for mid-infrared supercontinuum generation covering the wavelength range 0.8â€“6.5 Î¼m. Laser Physics, 2019, 29, 025301.	1.2	15
148	Wideband optical fiber amplifier with short length of enhanced erbiumâ€“zirconiaâ€“yttriaâ€“aluminum co-doped fiber. Optik, 2019, 182, 194-200.	2.9	10
149	The surgical ablation on soft tissues using Ho:YAG laser with deviated beam fiber. Optical Fiber Technology, 2019, 52, 101937.	2.7	1
150	Molybdenum tungsten disulphide (MoWS₂) as a saturable absorber for a passively Q-switched thulium/holmium-codoped fibre laser. Journal of Modern Optics, 2019, 66, 1163-1171.	1.3	14
151	Surface plasmonic effect of nanoparticle-like silver nanostructure on the high responsivity of visible/infrared silver-based heterojunction photodetector. Journal of Modern Optics, 2019, 66, 1329-1338.	1.3	1
152	Flat-gain and wide-band partial double-pass erbium co-doped fiber amplifier with hybrid gain medium. Optical Fiber Technology, 2019, 52, 101952.	2.7	11
153	Nickel Oxide as a Q-switcher for Short Pulsed Thulium Doped Fiber Laser Generation. Journal of Physics: Conference Series, 2019, 1151, 012029.	0.4	1
154	A compact linear-cavity multi-wavelength Brillouin/thulium fiber laser in S/S+-band. Optical Fiber Technology, 2019, 51, 25-30.	2.7	4
155	Soliton mode-locking in thulium-doped fibre laser by evanescent field interaction with reduced graphene oxide-titanium dioxide saturable absorber. Laser Physics Letters, 2019, 16, 075102.	1.4	6
156	Review: application of transition metal dichalcogenide in pulsed fiber laser system. Materials Research Express, 2019, 6, 082004.	1.6	35
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