

Mohd Zamani Zulkifli

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94
papers

1,021
citations

18
h-index

26
g-index

97
ext. papers

1,164
ext. citations

1.7
avg, IF

4.12
L-index

#	Paper	IF	Citations
94	Tunable dual wavelength fiber laser incorporating AWG and optical channel selector by controlling the cavity loss. <i>Optics Communications</i> , 2009 , 282, 4771-4775	2	58
93	High power and compact switchable bismuth based multiwavelength fiber laser. <i>Laser Physics Letters</i> , 2009 , 6, 380-383	1.5	54
92	S-band Q-switched fiber laser using MoSe ₂ saturable absorber. <i>Optics Communications</i> , 2017 , 382, 93-98		45
91	Multi-wavelength fiber laser in the S-band region using a Sagnac loop mirror as a comb generator in an SOA gain medium. <i>Laser Physics Letters</i> , 2010 , 7, 673-676	1.5	45
90	A linear cavity S-band Brillouin/Erbium fiber laser. <i>Laser Physics Letters</i> , 2006 , 3, 369-371	1.5	45
89	Graphene-Based Saturable Absorber for Single-Longitudinal-Mode Operation of Highly Doped Erbium-Doped Fiber Laser. <i>IEEE Photonics Journal</i> , 2012 , 4, 467-475	1.8	30
88	Graphene-Oxide-Based Saturable Absorber for All-Fiber Q-Switching With a Simple Optical Deposition Technique. <i>IEEE Photonics Journal</i> , 2012 , 4, 2205-2213	1.8	30
87	Narrow Spacing Dual-Wavelength Fiber Laser Based on Polarization Dependent Loss Control. <i>IEEE Photonics Journal</i> , 2013 , 5, 1502706-1502706	1.8	29
86	S-band multiwavelength ring Brillouin/Raman fiber laser with 20 GHz channel spacing. <i>Applied Optics</i> , 2012 , 51, 1811-5	1.7	28
85	High-sensitivity pressure sensor using a polymer-embedded FBG. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 60-61	1.2	28
84	Distributed feedback multimode Brillouin/Raman random fiber laser in the S-band. <i>Laser Physics Letters</i> , 2013 , 10, 055102	1.5	26
83	Humidity sensor based on microfiber resonator with reduced graphene oxide. <i>Optik</i> , 2016 , 127, 3158-3161	1.5	25
82	Multi-wavelength erbium/Raman gain based random distributed feedback fiber laser. <i>Laser Physics</i> , 2016 , 26, 015101	1.2	25
81	Tunable graphene-based Q-switched erbium-doped fiber laser using fiber Bragg grating. <i>Journal of Modern Optics</i> , 2013 , 60, 202-212	1.1	24
80	S-band Q-switched fiber laser using molybdenum disulfide (MoS ₂) saturable absorber. <i>Laser Physics Letters</i> , 2016 , 13, 035103	1.5	23
79	Graphene-Based Mode-Locked Spectrum-Tunable Fiber Laser Using Mach-Zehnder Filter. <i>IEEE Photonics Journal</i> , 2013 , 5, 1501709-1501709	1.8	20
78	D-Shaped Polarization Maintaining Fiber Sensor for Strain and Temperature Monitoring. <i>Sensors</i> , 2016 , 16,	3.8	20

77	17-channels S band multiwavelength Brillouin/Erbium Fiber Laser co-pump with Raman source. <i>Laser Physics</i> , 2009 , 19, 2188-2193	1.2	18
76	Novel O-band tunable fiber laser using an array waveguide grating. <i>Laser Physics Letters</i> , 2010 , 7, 164-167.	1.5	18
75	Mode-locked L-band bismuth/Erbium fiber laser using carbon nanotubes. <i>Applied Physics B: Lasers and Optics</i> , 2014 , 115, 407-412	1.9	16
74	A simple linear cavity dual-wavelength fiber laser using AWG as wavelength selective mechanism. <i>Laser Physics</i> , 2010 , 20, 2006-2010	1.2	16
73	A compact O-plus C-band switchable quad-wavelength fiber laser using arrayed waveguide grating. <i>Laser Physics Letters</i> , 2010 , 7, 597-602	1.5	16
72	Ultra-narrow linewidth single longitudinal mode Brillouin fiber ring laser using highly nonlinear fiber. <i>Laser Physics Letters</i> , 2013 , 10, 105105	1.5	15
71	Multiwall carbon nanotube polyvinyl alcohol-based saturable absorber in passively Q-switched fiber laser. <i>Applied Optics</i> , 2014 , 53, 7025-9	1.7	15
70	Temperature Sensing Using Frequency Beating Technique From Single-Longitudinal Mode Fiber Laser. <i>IEEE Sensors Journal</i> , 2012 , 12, 2496-2500	4	15
69	Switchable semiconductor optical fiber laser incorporating AWG and broadband FBG with high SMSR. <i>Laser Physics Letters</i> , 2009 , 6, 539-543	1.5	15
68	Bismuth-based Brillouin/erbium fiber laser. <i>Journal of Modern Optics</i> , 2008 , 55, 1345-1351	1.1	14
67	Supercontinuum from Zr-EDF using Zr-EDF mode-locked fiber laser. <i>Laser Physics Letters</i> , 2012 , 9, 44-49	1.5	13
66	Single-mode D-shaped optical fiber sensor for the refractive index monitoring of liquid. <i>Journal of Modern Optics</i> , 2016 , 63, 750-755	1.1	12
65	Tunable single longitudinal mode S-band fiber laser using a 3 m length of erbium-doped fiber. <i>Journal of Modern Optics</i> , 2012 , 59, 268-273	1.1	11
64	New Design of a Thulium/Aluminum-Doped Fiber Amplifier Based on Macro-Bending Approach. <i>Journal of Lightwave Technology</i> , 2012 , 30, 3263-3272	4	11
63	Highly stable graphene-assisted tunable dual-wavelength erbium-doped fiber laser. <i>Applied Optics</i> , 2013 , 52, 818-23	1.7	11
62	S-band multiwavelength Brillouin Raman Fiber Laser. <i>Optics Communications</i> , 2011 , 284, 4971-4974	2	11
61	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> , 2011 , 21, 1633-1637	1.2	11
60	Wideband tunable Q-switched fiber laser using graphene as a saturable absorber. <i>Journal of Modern Optics</i> , 2013 , 60, 1563-1568	1.1	10

59	Tunable high power fiber laser using an AWG as the tuning element. <i>Laser Physics</i> , 2011 , 21, 712-717	1.2	10
58	Noncontact Optical Displacement Sensor Using an Adiabatic U-Shaped Tapered Fiber. <i>IEEE Sensors Journal</i> , 2015 , 15, 5388-5392	4	9
57	Graphene based Q-switched tunable S-band fiber laser incorporating arrayed waveguide gratings (AWG). <i>Journal of Nonlinear Optical Physics and Materials</i> , 2014 , 23, 1450004	0.8	9
56	Flat and compact switchable dual wavelength output at 1060 nm from ytterbium doped fiber laser with an AWG as a wavelength selector. <i>Optics and Laser Technology</i> , 2011 , 43, 550-554	4.2	9
55	Q-Switched Raman Fiber Laser with Molybdenum Disulfide-Based Passive Saturable Absorber. <i>Chinese Physics Letters</i> , 2016 , 33, 074208	1.8	8
54	Broadband tuning in a passively Q-switched erbium doped fiber laser (EDFL) via multiwall carbon nanotubes/polyvinyl alcohol (MWCNT/PVA) saturable absorber. <i>Optics Communications</i> , 2016 , 365, 54-60 ²		8
53	Dual wavelength single longitudinal mode Ytterbium-doped fiber laser using a dual-tapered Mach-Zehnder interferometer. <i>Journal of the European Optical Society-Rapid Publications</i> , 2015 , 10,	2.5	8
52	Single mode EDF fiber laser using an ultra-narrow bandwidth tunable optical filter. <i>Optik</i> , 2015 , 126, 179-183	2.5	7
51	56 dB Gain EYDFA with improved noise figure with dual-stage partial double pass configuration. <i>Optik</i> , 2012 , 123, 1884-1887	2.5	7
50	Flat output and switchable fiber laser using AWG and broadband FBG. <i>Optics Communications</i> , 2009 , 282, 2576-2579	2	7
49	Dual-Wavelength Erbium Fiber Laser in a Simple Ring Cavity. <i>Fiber and Integrated Optics</i> , 2009 , 28, 430-438	3.8	7
48	Self-Calibrating Automated Characterization System for Depressed Cladding EDFA Applications Using LabVIEW Software With GPIB. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2008 , 57, 2677-2681	5.2	7
47	Q-switched pulse generation from an all-fiber distributed Bragg reflector laser using graphene as saturable absorber. <i>Chinese Optics Letters</i> , 2013 , 11, 071401-71404	2.2	7
46	Tunable Radio Frequency Generation Using a Graphene-Based Single Longitudinal Mode Fiber Laser. <i>Journal of Lightwave Technology</i> , 2012 , 30, 2097-2102	4	6
45	Switchable dual-wavelength CNT-based Q-switched using arrayed waveguide gratings (AWG). <i>Applied Physics B: Lasers and Optics</i> , 2015 , 118, 269-274	1.9	6
44	S-band multiwavelength Brillouin/Raman distributed Bragg reflector fiber lasers. <i>Applied Optics</i> , 2013 , 52, 3753-6	1.7	6
43	Dual wavelength fibre laser with tunable channel spacing using an SOA and dual AWGs. <i>Journal of Modern Optics</i> , 2009 , 56, 1768-1773	1.1	6
42	Surface roughness and the sensitivity of D-shaped optical fibre sensors. <i>Journal of Modern Optics</i> , 2019 , 66, 1244-1251	1.1	5

41	High power dual-wavelength tunable fiber laser in linear and ring cavity configurations. <i>Chinese Optics Letters</i> , 2012 , 10, 010603-10606	2.2	5
40	Tunable single Stokes extraction from 20 GHz Brillouin fiber laser using ultranarrow bandwidth optical filter. <i>Applied Optics</i> , 2014 , 53, 6944-9	1.7	4
39	Temperature-insensitive bend sensor using entirely centered Erbium doping in the fiber core. <i>Sensors</i> , 2013 , 13, 9536-46	3.8	4
38	Operation of brillouin fiber laser in the O-band region as compared to that in the C-band region. <i>Laser Physics</i> , 2011 , 21, 210-214	1.2	4
37	Wavelength conversion based on four-wave mixing in a highly nonlinear fiber in ring configuration. <i>Laser Physics Letters</i> , 2011 , 8, 742-746	1.5	4
36	Gain improvement in a dual-stage S-band EDFA by filtration of forward C-band ASE. <i>Journal of Modern Optics</i> , 2008 , 55, 3035-3040	1.1	4
35	Broadband supercontinuum generation with femtosecond pulse width in erbium-doped fiber laser (EDFL). <i>Laser Physics</i> , 2016 , 26, 115102	1.2	4
34	Multiwavelength Brillouin fibre laser in two-mode fiber. <i>Journal of Modern Optics</i> , 2017 , 64, 1744-1750	1.1	3
33	Multiband dual polarized OFDM signal: Generation and distribution over fiber. <i>Optik</i> , 2017 , 131, 899-905	2.5	3
32	Stable multiwavelength semiconductor optical amplifier-based fiber laser using a 2-mode interferometer. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 3363-3368	1.2	3
31	Synchronous tunable wavelength spacing dual-wavelength SOA fiber ring laser using Fiber Bragg grating pair in a hybrid tuning package. <i>Optics Communications</i> , 2012 , 285, 1326-1330	2	3
30	Extraction of a single Stokes line from a Brillouin fibre laser using a silicon oxynitride microring filter. <i>Laser Physics</i> , 2013 , 23, 095102	1.2	3
29	Q-Switching and Mode-Locking in Highly Doped Zr ₂ O ₃ -Doped Fiber Lasers U. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2014 , 20, 9-16	3.8	3
28	Passively Q-Switched 11-Channel Stable Brillouin Erbium-Doped Fiber Laser With Graphene as the Saturable Absorber. <i>IEEE Photonics Journal</i> , 2012 , 4, 2050-2056	1.8	3
27	High gain S-band semiconductors optical amplifier with double-pass configuration. <i>Laser Physics</i> , 2011 , 21, 1208-1211	1.2	3
26	Wavelength conversion based on FWM in a HNLF by using a tunable dual-wavelength erbium doped fibre laser source. <i>Journal of Modern Optics</i> , 2011 , 58, 566-572	1.1	3
25	SOA based fiber ring laser with Fiber Bragg Grating. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 3101-3103	1.2	3
24	Color detection using non-target reflectivity plastic optical fiber displacement sensor. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 3640-3644	1.2	2

23	Wide-band fanned-out supercontinuum source covering O-, E-, S-, C-, L- and U-bands. <i>Optics and Laser Technology</i> , 2012 , 44, 2168-2174	4.2	2
22	S-band SLM distributed Bragg reflector fiber laser. <i>Laser Physics</i> , 2014 , 24, 065109	1.2	2
21	O-BAND MULTI-WAVELENGTH FIBER LASER. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2010 , 19, 229-236	0.8	2
20	Investigation of the effects of SOA locations in the linear cavity of an O-band Brillouin SOA fiber laser. <i>Journal of Modern Optics</i> , 2011 , 58, 580-586	1.1	2
19	Four-wave mixing in dual wavelength fiber laser utilizing SOA for wavelength conversion. <i>Optik</i> , 2011 , 122, 754-757	2.5	2
18	Configurable triple wavelength semiconductor optical amplifier fiber laser using multiple broadband mirrors. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 46-52	1.2	2
17	Passively mode-locked laser using an entirely centred erbium-doped fiber. <i>Laser Physics</i> , 2015 , 25, 0451052	1.2	1
16	Narrow core standard single mode fiber for supercontinuum generation from graphene-based mode-locked pulses. <i>Optik</i> , 2018 , 172, 347-352	2.5	1
15	Supercontinuum generation from a sub-megahertz repetition rate femtosecond pulses based on nonlinear polarization rotation technique. <i>Journal of Modern Optics</i> , 2014 , 61, 1333-1338	1.1	1
14	Enhancement of Brillouin Stokes generation in the S-band region using a combination S-band Depressed Cladding Erbium Doped Fiber and Semiconductor Optical Amplifier. <i>Laser Physics</i> , 2012 , 22, 598-604	1.2	1
13	S + C + L Band tunable wavelength conversion using FWM dual-wavelength fiber laser in a highly nonlinear fiber. <i>Microwave and Optical Technology Letters</i> , 2013 , 55, 379-382	1.2	1
12	High resolution interrogation system for fiber Bragg grating (FBG) sensor application using radio frequency spectrum analyser 2013 ,		1
11	Tunable S-band output based on Raman shift in dispersion shifted fiber. <i>Journal of Modern Optics</i> , 2013 , 60, 737-740	1.1	1
10	S C L triple wavelength superluminescent source based on an ultra-wideband SOA and FBGs. <i>Quantum Electronics</i> , 2013 , 43, 923-926	1.8	1
9	O-band to C-band wavelength converter by using four-wave mixing effect in 1310 nm SOA. <i>Journal of Modern Optics</i> , 2010 , 57, 2147-2153	1.1	1
8	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> , 2011 , 41, 602-605	1.8	1
7	Highly efficient and high output power of erbium doped fiber laser in a linear cavity configuration. <i>Laser Physics</i> , 2010 , 20, 1894-1898	1.2	1
6	120nm wide band switchable fiber laser. <i>Optics Communications</i> , 2010 , 283, 4333-4337	2	1

- 5 Thulium-doped fluoride mode-locked fiber laser based on nonlinear polarization rotation. *Optical and Quantum Electronics*, **2022**, 54, 1 2.4 0
- 4 Closely spaced dual-wavelength fiber laser using an ultranarrow bandwidth optical filter for low radio frequency generation. *Applied Optics*, **2014**, 53, 4123-7 1.7
- 3 Tunable microwave photonic frequencies generation based on stimulated Brillouin scattering operating in the L-band region. *Microwave and Optical Technology Letters*, **2011**, 53, 1710-1713 1.2
- 2 Dual-wavelength tunable fibre laser with a 15-dBm peak power. *Quantum Electronics*, **2011**, 41, 709-714 1.8
- 1 Elucidating the Capabilities of Mirrorless Large Core Bundled Plastic Fiber Optic Displacement Sensor for Paracetamol Detection. *Journal of Sensors*, **2021**, 2021, 1-16 2