

Mohd Zulhakimi Ab Razak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1240219/publications.pdf>

Version: 2024-02-01

31
papers

375
citations

840776

11
h-index

794594

19
g-index

31
all docs

31
docs citations

31
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Using a black phosphorus saturable absorber to generate dual wavelengths in a Q-switched ytterbium-doped fiber laser. <i>Laser Physics Letters</i> , 2016, 13, 085102.	1.4	70
2	Highly responsive NaCl detector based on inline microfiber Mach-Zehnder interferometer. <i>Sensors and Actuators A: Physical</i> , 2016, 237, 56-61.	4.1	38
3	Humidity sensor based on microfiber resonator with reduced graphene oxide. <i>Optik</i> , 2016, 127, 3158-3161.	2.9	35
4	Application of graphene oxide based Microfiber-Knot resonator for relative humidity sensing. <i>Results in Physics</i> , 2018, 9, 1572-1577.	4.1	32
5	Effect of titanium dioxide (TiO ₂) nanoparticle coating on the detection performance of microfiber knot resonator sensors for relative humidity measurement. <i>Materials Express</i> , 2016, 6, 501-508.	0.5	28
6	Tunable single wavelength erbium-doped fiber ring laser based on in-line Mach-Zehnder strain. <i>Optik</i> , 2016, 127, 8326-8332.	2.9	25
7	Evanescent field interaction of tapered fiber with graphene oxide in generation of wide-bandwidth mode-locked pulses. <i>Optics and Laser Technology</i> , 2017, 88, 166-171.	4.6	23
8	A combination of tapered fibre and polarization controller in generating highly stable and tunable dual-wavelength C-band laser. <i>Journal of Modern Optics</i> , 2017, 64, 709-715.	1.3	15
9	Noncontact Optical Displacement Sensor Using an Adiabatic U-Shaped Tapered Fiber. <i>IEEE Sensors Journal</i> , 2015, 15, 5388-5392.	4.7	13
10	Generation of dual-wavelength ytterbium-doped fibre laser using a highly nonlinear fibre. <i>Laser Physics</i> , 2018, 28, 115107.	1.2	11
11	Generation of Microsecond Ytterbium-Doped Fiber Laser Pulses using Bismuth Telluride Thin Film as Saturable Absorber. <i>Sains Malaysiana</i> , 2019, 48, 1289-1294.	0.5	11
12	The generation of passive dual wavelengths Q-switched YDFL by MoSe ₂ film. <i>Laser Physics Letters</i> , 2016, 13, 115102.	1.4	10
13	High-power Q-switched erbium-ytterbium codoped fiber laser using multiwalled carbon nanotubes saturable absorber. <i>Optical Engineering</i> , 2016, 55, 106112.	1.0	8
14	Microring resonator for transmission of solitons via wired/wireless optical communication. <i>Journal of Optics (India)</i> , 2016, 45, 255-259.	1.7	8
15	Tunable Q-switched ytterbium-doped fibre laser by using zinc oxide as saturable absorber. <i>Opto-electronics Review</i> , 2017, 25, 10-14.	2.4	6
16	Tunable wavelength generation in the 1.5 μ m region incorporating a 16-channel arrayed waveguide grating (AWG). <i>Laser Physics</i> , 2017, 27, 125101.	1.2	6
17	Hybrid Energy Harvester Based on Radio Frequency, Thermal and Vibration Inputs for Biomedical Devices. <i>Asian Journal of Scientific Research</i> , 2017, 10, 79-87.	0.1	6
18	An adaptive algorithm for reconfigurable analog-to-digital converters. , 2010, , .		5

#	ARTICLE	IF	CITATIONS
19	Generation of Ultrafast Erbium-Doped Fiber Laser (EDFL) utilizing Graphene Thin Film. Journal of Physics: Conference Series, 2020, 1484, 012026.	0.4	5
20	ASIC Design of an Adaptive Control Unit for Reconfigurable Analog-to-Digital Converters. , 2010, , .		4
21	Effects of Tungsten Disulphide Coating on Tapered Microfiber for Relative Humidity Sensing Applications. Sensors, 2021, 21, 7132.	3.8	4
22	Dual-wavelength ytterbium-doped fiber laser using microfiber and D-shaped polished fiber. Optik, 2017, 130, 1421-1425.	2.9	3
23	Investigation of U-shaped microfiber temperature sensor using a combination of thermal expansion of a metal and reflectivity of a silver coated mirror. Optik, 2020, 205, 164256.	2.9	3
24	Graphene oxide (GO)-based wideband optical polarizer using a non-adiabatic microfiber. Journal of Modern Optics, 2017, 64, 439-444.	1.3	2
25	Investigation of ellipticity and pump power in a passively mode-locked fiber laser using the nonlinear polarization rotation technique. Chinese Optics Letters, 2017, 15, 051402-51406.	2.9	2
26	Few Layer Molybdenum Selenide Saturable Absorber using Optical Deposition Technique for Q-switched Ytterbium Pulses Laser Generation. Journal of Physics: Conference Series, 2020, 1484, 012025.	0.4	1
27	Passively Q-switched fibre laser based on interaction of evanescent field in optical microfiber with graphene-oxide saturable absorber. Ukrainian Journal of Physical Optics, 2016, 17, 58.	13.0	1
28	Nyquist-rate analog-to-digital converter specification for Zero-IF UMTS receiver. , 2008, , .		0
29	Analog to Digital Converter Specification for UMTS/FDD Receiver Applications. , 2008, , .		0
30	Low power noise detection circuit utilizing switching activity measurement method. , 2010, , .		0
31	Kesan Sistematis Modifikasi Dielektrik dengan Asid Fosfonik Alkil Ekalapisan terhadap Prestasi Transistor Filem Nipis Organik Saluran-N. Sains Malaysiana, 2019, 48, 1295-1300.	0.5	0