

Mohd Zulhakimi Ab Razak

List of Publications by Year in descending order

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31
papers

375
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Effects of Tungsten Disulphide Coating on Tapered Microfiber for Relative Humidity Sensing Applications. <i>Sensors</i> , 2021, 21, 7132. | 3.8 | 4 |
| 2 | Few Layer Molybdenum Selenide Saturable Absorber using Optical Deposition Technique for Q-switched Ytterbium Pulses Laser Generation. <i>Journal of Physics: Conference Series</i> , 2020, 1484, 012025. | 0.4 | 1 |
| 3 | Generation of Ultrafast Erbium-Doped Fiber Laser (EDFL) utilizing Graphene Thin Film. <i>Journal of Physics: Conference Series</i> , 2020, 1484, 012026. | 0.4 | 5 |
| 4 | Investigation of U-shaped microfiber temperature sensor using a combination of thermal expansion of a metal and reflectivity of a silver coated mirror. <i>Optik</i> , 2020, 205, 164256. | 2.9 | 3 |
| 5 | 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 |
| 6 | Kesan Sistematis Modifikasi Dielektrik dengan Asid Fosfonik Alkil Ekalapisan terhadap Prestasi Transistor Filem Nipis Organik Saluran-N. <i>Sains Malaysiana</i> , 2019, 48, 1295-1300. | 0.5 | 0 |
| 7 | Generation of dual-wavelength ytterbium-doped fibre laser using a highly nonlinear fibre. <i>Laser Physics</i> , 2018, 28, 115107. | 1.2 | 11 |
| 8 | Application of graphene oxide based Microfiber-Knot resonator for relative humidity sensing. <i>Results in Physics</i> , 2018, 9, 1572-1577. | 4.1 | 32 |
| 9 | Dual-wavelength ytterbium-doped fiber laser using microfiber and D-shaped polished fiber. <i>Optik</i> , 2017, 130, 1421-1425. | 2.9 | 3 |
| 10 | 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 |
| 11 | Graphene oxide (GO)-based wideband optical polarizer using a non-adiabatic microfiber. <i>Journal of Modern Optics</i> , 2017, 64, 439-444. | 1.3 | 2 |
| 12 | 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 |
| 13 | 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 |
| 14 | Tunable wavelength generation in the 1 μ m region incorporating a 16-channel arrayed waveguide grating (AWG). <i>Laser Physics</i> , 2017, 27, 125101. | 1.2 | 6 |
| 15 | 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 |
| 16 | Investigation of ellipticity and pump power in a passively mode-locked fiber laser using the nonlinear polarization rotation technique. <i>Chinese Optics Letters</i> , 2017, 15, 051402-51406. | 2.9 | 2 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | The generation of passive dual wavelengths Q-switched YDFL by MoSe ₂ film. Laser Physics Letters, 2016, 13, 115102. | 1.4 | 10 |
| 20 | High-power Q-switched erbium-ytterbium codoped fiber laser using multiwalled carbon nanotubes saturable absorber. Optical Engineering, 2016, 55, 106112. | 1.0 | 8 |
| 21 | Tunable single wavelength erbium-doped fiber ring laser based on in-line Mach-Zehnder strain. Optik, 2016, 127, 8326-8332. | 2.9 | 25 |
| 22 | Humidity sensor based on microfiber resonator with reduced graphene oxide. Optik, 2016, 127, 3158-3161. | 2.9 | 35 |
| 23 | Highly responsive NaCl detector based on inline microfiber Mach-Zehnder interferometer. Sensors and Actuators A: Physical, 2016, 237, 56-61. | 4.1 | 38 |
| 24 | Microring resonator for transmission of solitons via wired/wireless optical communication. Journal of Optics (India), 2016, 45, 255-259. | 1.7 | 8 |
| 25 | 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 |
| 26 | Noncontact Optical Displacement Sensor Using an Adiabatic U-Shaped Tapered Fiber. IEEE Sensors Journal, 2015, 15, 5388-5392. | 4.7 | 13 |
| 27 | An adaptive algorithm for reconfigurable analog-to-digital converters. , 2010, , . | | 5 |
| 28 | Low power noise detection circuit utilizing switching activity measurement method. , 2010, , . | | 0 |
| 29 | ASIC Design of an Adaptive Control Unit for Reconfigurable Analog-to-Digital Converters. , 2010, , . | | 4 |
| 30 | Nyquist-rate analog-to-digital converter specification for Zero-IF UMTS receiver. , 2008, , . | | 0 |
| 31 | Analog to Digital Converter Specification for UMTS/FDD Receiver Applications. , 2008, , . | | 0 |