

Mohd Adzir Mahdi

List of Publications by Year in descending order

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372
all docs

372
docs citations

372
times ranked

3519
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface refractive index sensor based on titanium dioxide composite thin film for detection of cadmium ions. Measurement: Journal of the International Measurement Confederation, 2022, 187, 110287.	2.5	12
2	Widely interval-adjustable multiwavelength erbium-ytterbium doped fiber laser based on micro-air cavity. Optics and Laser Technology, 2022, 146, 107572.	2.2	2
3	Arsenic Detection Using Surface Plasmon Resonance Sensor With Hydrous Ferric Oxide Layer. Photonic Sensors, 2022, 12, 1.	2.5	4
4	Noise-like pulse generation with tungsten trioxide/polydimethylsiloxane-clad microfiber saturable absorber. Microwave and Optical Technology Letters, 2022, 64, 972-977.	0.9	0
5	Dispersion Management and Pulse Characterization of Graphene-Based Soliton Mode-Locked Fiber Lasers. Applied Sciences (Switzerland), 2022, 12, 3288.	1.3	6
6	Selectable multiwavelength thulium-doped fiber laser based on parallel Lyot filter. Optical Fiber Technology, 2022, 70, 102892.	1.4	11
7	Cerium oxide/polydimethylsiloxane composite tapered fiber saturable absorber for mode-locked pulsed erbium-doped fiber laser. Infrared Physics and Technology, 2022, 125, 104220.	1.3	5
8	Stable dual-wavelength laser incorporating polarization-maintaining erbium-doped fiber. Optics and Laser Technology, 2021, 135, 106707.	2.2	5
9	Investigation on factors influencing flatness of a bidirectional SOA-based multiwavelength fiber laser. Infrared Physics and Technology, 2021, 112, 103593.	1.3	10
10	Enhanced sensitivity temperature sensing based on second order Brillouin slow light. Optik, 2021, 228, 166146.	1.4	0
11	An Optical Sensor for Dengue Envelope Proteins Using Polyamidoamine Dendrimer Biopolymer-Based Nanocomposite Thin Film: Enhanced Sensitivity, Selectivity, and Recovery Studies. Polymers, 2021, 13, 762.	2.0	7
12	Cellulose and Vanadium Plasmonic Sensor to Measure Ni ²⁺ Ions. Applied Sciences (Switzerland), 2021, 11, 2963.	1.3	6
13	Zinc-oxide/PDMS-clad tapered fiber saturable absorber for passively mode-locked erbium-doped fiber laser*. Chinese Physics B, 2021, 30, 054204.	0.7	8
14	Brillouin-Raman fiber laser with switchable wavelength spacing based on Brillouin pump distribution. Results in Physics, 2021, 25, 104149.	2.0	13
15	PAMAM-Graphene Oxide-Integrated Microfiber Sensor for Label-Free Dengue II E Protein Detection. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-6.	1.9	3
16	Sensitive Detection of Goat β -Casein Using Tapered Optical Fiber Sensor. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-7.	1.9	4
17	Design and Optimization of Surface Plasmon Resonance Spectroscopy for Optical Constant Characterization and Potential Sensing Application: Theoretical and Experimental Approaches. Photonics, 2021, 8, 361.	0.9	13
18	Molybdenum trioxide decorated on tapered microfiber for mode-locked erbium-doped fiber laser. Journal of Materials Research and Technology, 2021, 14, 942-953.	2.6	7

#	ARTICLE	IF	CITATIONS
19	Performance reduction and discrepancies between supported and suspended 1D photonic-crystal/photonic-wire with medium extended microcavity length. <i>Journal of Nanophotonics</i> , 2021, 15, .	0.4	0
20	Wavelength Dependent Graphene Oxide-Based Optical Microfiber Sensor for Ammonia Gas. <i>Sensors</i> , 2021, 21, 556.	2.1	15
21	High Selectivity Hydrogen Gas Sensor Using Pd/ZnO Tapered Optical Fiber. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1176, 012019.	0.3	4
22	The Amber-Colored Liquid: A Review on the Color Standards, Methods of Detection, Issues and Recommendations. <i>Sensors</i> , 2021, 21, 6866.	2.1	6
23	L-band femtosecond fiber laser based on a reduced graphene oxide polymer composite saturable absorber. <i>Optical Materials Express</i> , 2021, 11, 59.	1.6	6
24	Real Time <i>in Situ</i> Remote Monitoring for Cladding Modified SMF Integrating Nanocomposite Based Ammonia Sensors Deploying EDFA. <i>IEEE Access</i> , 2021, 9, 145282-145287.	2.6	7
25	Color Index of Transformer Oil: A Low-Cost Measurement Approach Using Ultraviolet-Blue Laser. <i>Sensors</i> , 2021, 21, 7292.	2.1	3
26	Room Temperature Hydrogen Sensing Based on Tapered Optical Fiber Coated with Polyaniline (PANI). , 2021, 5, .		2
27	Tapered Optical Fiber for Hydrogen Sensing Application Based on Molybdenum Trioxide (MoO ₃). , 2021, 10, .		3
28	Fabrication, characterization and response surface method optimization for quantum efficiency of fluorescent nitrogen-doped carbon dots obtained from carboxymethylcellulose of oil palms empty fruit bunch. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 584-592.	1.7	27
29	Surface plasmon resonance sensor based on D-shaped optical fiber using fiberbench rotating wave plate for sensing pb ions. <i>Optik</i> , 2020, 202, 163724.	1.4	18
30	Dual-wavelength random fiber laser incorporating micro-air cavity. <i>Journal of Optics (United Kingdom)</i> 10, 10, 10.	1.0	4
31	Saturable absorber incorporating graphene oxide polymer composite through dip coating for mode-locked fiber laser. <i>Optical Materials</i> , 2020, 100, 109619.	1.7	19
32	H ₂ Gas Sensor Based on Pd/ZnO Nanostructures Deposited on Tapered Optical Fiber. <i>IEEE Sensors Journal</i> , 2020, 20, 2982-2990.	2.4	13
33	Tunable multiwavelength fiber laser based on bidirectional SOA in conjunction with Sagnac loop mirror interferometer. <i>Results in Physics</i> , 2020, 18, 103301.	2.0	18
34	X-ray photoelectron study on gold/nanocrystalline cellulose-graphene oxide thin film as surface plasmon resonance active layer for metal ion detection. <i>Thin Solid Films</i> , 2020, 713, 138340.	0.8	12
35	Zinc selenide saturable absorber for ultrashort pulse fiber laser generation in C-band region. <i>Optical Materials</i> , 2020, 107, 110100.	1.7	6
36	Fluorescent recognition of Fe ³⁺ in acidic environment by enhanced-quantum yield N-doped carbon dots: optimization of variables using central composite design. <i>Scientific Reports</i> , 2020, 10, 11710.	1.6	48

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37	A Wide Flat Triple Brillouin Frequency Spacing Multiwavelength Fiber Laser Assisted by Four Wave Mixing. <i>Journal of Lightwave Technology</i> , 2020, 38, 6648-6654.	2.7	13
38	High Sensitivity Microfiber Interferometer Sensor in Aqueous Solution. <i>Sensors</i> , 2020, 20, 4713.	2.1	14
39	Signal Enhancement Evaluation of Laser-Induced Breakdown Spectroscopy of Extracted Animal Fats Using Principal Component Analysis Approach. <i>Applied Spectroscopy</i> , 2020, 74, 1452-1462.	1.2	4
40	Low threshold Q-switched fiber laser incorporating titanium dioxide saturable absorber from waste material. <i>Optik</i> , 2020, 218, 164998.	1.4	7
41	Sensitive Detection of Dengue Virus Type 2 E-Proteins Signals Using Self-Assembled Monolayers/Reduced Graphene Oxide-PAMAM Dendrimer Thin Film-SPR Optical Sensor. <i>Scientific Reports</i> , 2020, 10, 2374.	1.6	106
42	Gasochromic response of optical sensing platform integrated with polyaniline and poly(3,4-ethylenedioxythiophene) exposed to NH ₃ gas. <i>Polymer</i> , 2020, 192, 122313.	1.8	11
43	Experimental evaluation on surface plasmon resonance sensor performance based on sensitive hyperbranched polymer nanocomposite thin films. <i>Sensors and Actuators A: Physical</i> , 2020, 303, 111830.	2.0	23
44	Polypyrrole-Chitosan-CaFe ₂ O ₄ Layer Sensor for Detection of Anionic and Cationic Dye Using Surface Plasmon Resonance. <i>International Journal of Polymer Science</i> , 2020, 2020, 1-10.	1.2	7
45	Optical ammonia gas sensor of poly(3,4-polyethylenedioxythiophene), polyaniline and polypyrrole: A comparative study. <i>Synthetic Metals</i> , 2020, 260, 116294.	2.1	24
46	Influence of co- and counter-propagating light on the phase-mismatch effect in semiconductor optical amplifiers. <i>Optics and Laser Technology</i> , 2020, 125, 106032.	2.2	0
47	Quantitative and Selective Surface Plasmon Resonance Response Based on a Reduced Graphene Oxide-Polyamidoamine Nanocomposite for Detection of Dengue Virus E-Proteins. <i>Nanomaterials</i> , 2020, 10, 569.	1.9	63
48	Fiber-based Surface Plasmon Resonance Sensor for Lead Ion Detection in Aqueous Solution. <i>Plasmonics</i> , 2020, 15, 1369-1376.	1.8	18
49	Phase-mismatch dependence of the four-wave mixing effect in semiconductor optical amplifiers. <i>Applied Optics</i> , 2020, 59, 77.	0.9	1
50	Laser ablation synthesis of gold nanoparticles in tetrahydrofuran. <i>Optical Materials Express</i> , 2020, 10, 323.	1.6	25
51	Label-free Binding Analysis of 4-(2-Pyridylazo)-resorcinol-based Composite Layer with Cobalt Ion Using Surface Plasmon Resonance Optical Sensor. <i>Sensors and Materials</i> , 2020, 32, 2877.	0.3	2
52	Fiber Twist-based Wavelength Tunability in Tapered Optical Fiber Filters. <i>Pertanika Journal of Science and Technology</i> , 2020, 28, .	0.3	0
53	Photoluminescence property of laser-ablated zinc oxide-carbon quantum dots nanocomposites for detection of Hg and Pb ions. <i>Journal of Nanophotonics</i> , 2020, 14, .	0.4	3
54	Open Cavity Hybrid Raman-Erbium Random Fiber Laser With Common Pump. <i>IEEE Access</i> , 2019, 7, 85867-85874.	2.6	4

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55	Effect of Sodium Hydroxide Concentration in Synthesizing Zinc Selenide/Graphene Oxide Composite via Microwave-Assisted Hydrothermal Method. <i>Materials</i> , 2019, 12, 2295.	1.3	9
56	L-band Q-switched fiber laser with gallium/thulium-doped silica fiber saturable absorber. <i>Optics and Laser Technology</i> , 2019, 119, 105615.	2.2	3
57	Zinc-oxide nanoparticle-based saturable absorber deposited by simple evaporation technique for Q-switched fiber laser*. <i>Chinese Physics B</i> , 2019, 28, 084207.	0.7	7
58	Open Cavity Controllable Dual-Wavelength Hybrid Raman-Erbium Random Fiber Laser. <i>IEEE Photonics Journal</i> , 2019, 11, 1-8.	1.0	7
59	Di-Iron Trioxide Hydrate-Multi-Walled Carbon Nanotube Nanocomposite for Arsenite Detection Using Surface Plasmon Resonance Technique. <i>IEEE Photonics Journal</i> , 2019, 11, 1-9.	1.0	5
60	Continuous-Wave Pumping Supercontinuum Generation in Random Distributed Feedback Laser Cavity. <i>IEEE Photonics Journal</i> , 2019, 11, 1-7.	1.0	5
61	Detection of dengue using PAMAM dendrimer integrated tapered optical fiber sensor. <i>Scientific Reports</i> , 2019, 9, 13483.	1.6	20
62	Dual-wavelength thulium/holmium-doped fiber laser generation in 2 μm region with high side-mode suppression ratio. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 045701.	1.0	2
63	Sensitive surface plasmon resonance performance of cadmium sulfide quantum dots-amine functionalized graphene oxide based thin film towards dengue virus E-protein. <i>Optics and Laser Technology</i> , 2019, 114, 204-208.	2.2	66
64	Fabrication and Characterizations of a Novel Etched-tapered Single Mode Optical Fiber Ammonia Sensors Integrating PANI/GNF Nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2019, 287, 71-77.	4.0	41
65	Bio-Based Polycationic Polyurethane as an Ion-Selective Membrane for Nitrate Tapered Optical Fiber Sensors. <i>IEEE Access</i> , 2019, 7, 157103-157112.	2.6	6
66	Facile Synthesis of Nitrogen-Doped Carbon Dots from Lignocellulosic Waste. <i>Nanomaterials</i> , 2019, 9, 1500.	1.9	54
67	Enhancing the sensitivity of a surface plasmon resonance-based optical sensor for zinc ion detection by the modification of a gold thin film. <i>RSC Advances</i> , 2019, 9, 41729-41736.	1.7	26
68	Label-Free Detection of Dissolved Carbon Dioxide Utilizing Multimode Tapered Optical Fiber Coated Zinc Oxide Nanorice. <i>IEEE Access</i> , 2019, 7, 4538-4545.	2.6	13
69	Borotellurite Glasses for Gamma-Ray Shielding: An Exploration of Photon Attenuation Coefficients and Structural and Thermal Properties. <i>Journal of Electronic Materials</i> , 2019, 48, 930-941.	1.0	21
70	All-fiber passively Q-switched erbium fiber laser implementing erbium-ytterbium-thulium co-doped saturable absorber fiber. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 015501.	1.0	5
71	Hydrous ferric oxide-magnetite-reduced graphene oxide nanocomposite for optical detection of arsenic using surface plasmon resonance. <i>Optics and Laser Technology</i> , 2019, 111, 417-423.	2.2	31
72	Sensing Performance of Modified Single Mode Optical Fiber Coated With Nanomaterials-Based Ammonia Sensors Operated in the C-Band. <i>IEEE Access</i> , 2019, 7, 5467-5476.	2.6	17

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73	Wide-uniform triple Brillouin frequency spacing multi-wavelength fiber laser assisted by a distributed Raman amplifier. <i>Optics Express</i> , 2019, 27, 26957.	1.7	11
74	Mode-locked fiber laser in the C-band region for dual-wavelength ultrashort pulses emission using a carbon nanotube saturable absorber. <i>Chinese Optics Letters</i> , 2019, 17, 051401.	1.3	7
75	Optical absorption and gamma-radiation-shielding parameter studies of Tm ³⁺ -doped multicomponent borosilicate glasses. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	1.1	39
76	Detection of adulterated honey by surface plasmon resonance optical sensor. <i>Optik</i> , 2018, 168, 134-139.	1.4	40
77	Sensitive <i>Leptospira</i> DNA detection using tapered optical fiber sensor. <i>Journal of Biophotonics</i> , 2018, 11, e201700363.	1.1	25
78	Low threshold linear cavity mode-locked fiber laser using microfiber-based carbon nanotube saturable absorber. <i>Optics and Laser Technology</i> , 2018, 102, 240-246.	2.2	17
79	Stable Multiwavelength Erbium-Doped Random Fiber Laser. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018, 24, 1-6.	1.9	40
80	Switchable Multiwavelength Brillouin-Raman Fiber Laser Utilizing an Enhanced Nonlinear Amplifying Fiber Loop Design. <i>IEEE Photonics Journal</i> , 2018, 10, 1-11.	1.0	24
81	Stable multi-wavelength erbium-doped fiber laser assisted by graphene/PMMA thin film. <i>Optics and Laser Technology</i> , 2018, 105, 129-134.	2.2	5
82	Bio-Functionalized Tapered Multimode Fiber Coated With Dengue Virus NS1 Glycoprotein for Label Free Detection of Anti-Dengue Virus NS1 IgG Antibody. <i>IEEE Sensors Journal</i> , 2018, 18, 4066-4072.	2.4	12
83	Incorporation of surface plasmon resonance with novel valinomycin doped chitosan-graphene oxide thin film for sensing potassium ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 191, 111-115.	2.0	55
84	Development of authentication code for multi-access optical code division multiplexing based quantum key distribution. <i>Optics and Laser Technology</i> , 2018, 101, 312-318.	2.2	1
85	Numerical Study of the Thermal Behavior of a HAWT nacelle Operating Under Severe Saharan Climate. , 2018, , .		0
86	High Energy L-band Femtosecond Fiber Laser with Carbon Nanotube Saturable Absorber. , 2018, , .		0
87	SOA-based Multiwavelength Fiber Laser Assisted by Intensity Dependent Transmission Mechanism. , 2018, , .		0
88	Post-Amplified Reversed S-shaped Brillouin-erbium Fiber Laser. , 2018, , .		0
89	Effect of PMF Length to Channel Spacing Tunability by Temperature in Multiwavelength Fiber Laser. , 2018, , .		2
90	MINIATURIZE NEGATIVE INDEX METAMATERIAL STRUCTURE LOADED FILTENNA. <i>Progress in Electromagnetics Research M</i> , 2018, 72, 97-104.	0.5	1

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91	Enhanced flatness of 20 GHz channel spacing multiwavelength Brillouin-Raman fiber laser with sub-millimeter air gap. Optics Express, 2018, 26, 30978.	1.7	13
92	Photonic crystal embedded waveguide for compact C-band band-pass filter. , 2018, , .		1
93	Single wavelength fiber laser employing SOA incorporating with a tapered fiber. AIP Conference Proceedings, 2018, , .	0.3	0
94	Design and simulation of tapered optical fiber by enhancing the evanescent field region for sensing application. , 2018, , .		1
95	Reduced Graphene Oxide/Maghemite Nanocomposite for Detection of Lead Ions in Water Using Surface Plasmon Resonance. IEEE Photonics Journal, 2018, 10, 1-10.	1.0	10
96	Optical and structural properties of cadmium sulphide quantum dots based thin films as potential sensing material for dengue virus E-protein. Results in Physics, 2018, 11, 734-739.	2.0	13
97	Acceleration of Carrier Lifetime in Gain-Clamped Semiconductor Optical Amplifiers. IEEE Photonics Journal, 2018, 10, 1-13.	1.0	5
98	Link Budget Analysis for Dual Sideband Optical Carrier Suppression RoF System. , 2018, , .		0
99	Passively mode-locked ultrashort pulse fiber laser incorporating multi-layered graphene nanoplatelets saturable absorber. Journal of Physics Communications, 2018, 2, 075005.	0.5	13
100	Flat amplitude and wide multiwavelength Brillouin/erbium fiber laser based on Fresnel reflection in a micro-air cavity design. Optics Express, 2018, 26, 3124.	1.7	16
101	Dual-wavelength, mode-locked erbium-doped fiber laser employing a graphene/polymethyl-methacrylate saturable absorber. Optics Express, 2018, 26, 12790.	1.7	31
102	Pump distribution effect in dual-wavelength Raman-erbium random distributed feedback fiber laser. Optics Express, 2018, 26, 15411.	1.7	8
103	Structural, optical and sensing properties of CdS-NH ₂ GO thin film as a dengue virus E-protein sensing material. Optik, 2018, 171, 934-940.	1.4	17
104	4×10 ⁴ Gbps WDM repeaterless transmission system using asymmetrical dispersion compensation for rural area applications. Photonic Network Communications, 2018, 36, 301-308.	1.4	1
105	Gamma irradiated Py/PVA for GOx immobilization on tapered optical fiber for glucose biosensing. Sensors and Actuators B: Chemical, 2018, 273, 1404-1412.	4.0	20
106	Enhancement and reproducibility of high quality factor, one-dimensional photonic crystal/photonic wire (1D PhC/PhW) microcavities. Journal of the European Optical Society-Rapid Publications, 2018, 14, .	0.9	10
107	Three-Dimensional Printed Electrode and Its Novel Applications in Electronic Devices. Scientific Reports, 2018, 8, 7399.	1.6	166
108	A self-pulsing ring cavity ultra-long Raman fiber laser. Laser Physics, 2018, 28, 115104.	0.6	2

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109	Gamma-Ray Shielding Effectiveness of Lead Bismuth Germanoborate Glasses. <i>Glass Physics and Chemistry</i> , 2018, 44, 292-299.	0.2	9
110	Physical Properties, Optical band gaps and Radiation Shielding Parameters Exploration for Dy ³⁺ -doped Alkali/Mixed Alkali Multicomponent Borate Glasses. <i>Glass Physics and Chemistry</i> , 2018, 44, 279-291.	0.2	26
111	Dengue E protein detection using graphene oxide integrated tapered optical fiber sensor. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018, , 1-1.	1.9	16
112	Investigation of Multiwavelength Laser Performance based on Temperature Variation of PMF and different SOAs. <i>International Journal of Integrated Engineering</i> , 2018, 10, .	0.2	3
113	IM/DD dual stream asymmetrically clipped optical OFDM system. <i>Optical Engineering</i> , 2018, 57, 1.	0.5	3
114	H ₂ sensor based on tapered optical fiber coated with MnO ₂ nanostructures. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 421-427.	4.0	26
115	X-ray photoelectron spectroscopy (XPS) and radiation shielding parameters investigations for zinc molybdenum borotellurite glasses containing different network modifiers. <i>Journal of Materials Science</i> , 2017, 52, 7394-7414.	1.7	95
116	Widely Tunable Fiber Optical Parametric Oscillators With Idler Removal Filter. <i>IEEE Photonics Journal</i> , 2017, 9, 1-9.	1.0	3
117	Mechanically deposited tungsten disulfide saturable absorber for low-threshold Q-switched erbium-doped fiber laser. <i>Applied Physics B: Lasers and Optics</i> , 2017, 123, 1.	1.1	11
118	Optical sensing by exposed core fiber using self-written waveguide. , 2017, , .		0
119	New technology to expose core from fiber for optical sensing application. , 2017, , .		0
120	Wavelength-tunable single longitudinal mode fiber optical parametric oscillator. <i>Optics Express</i> , 2017, 25, 5501.	1.7	5
121	Modified plastic optical fiber with CNT and graphene oxide nanostructured coatings for ethanol liquid sensing. <i>Optics Express</i> , 2017, 25, 5509.	1.7	21
122	Wide bandwidth and flat multiwavelength Brillouin-erbium fiber laser. <i>Optics Express</i> , 2017, 25, 19382.	1.7	39
123	Room temperature ammonia sensor using side-polished optical fiber coated with graphene/polyaniline nanocomposite. <i>Optical Materials Express</i> , 2017, 7, 1858.	1.6	41
124	Thulium-Doped Fiber Amplifier at Near 2000 nm with Different Pumping Scheme. <i>Advanced Science Letters</i> , 2017, 23, 5260-5263.	0.2	0
125	Numerical investigations of laminar buoyant heat transfer in a 2D-enclosure “ Application to wind turbine nacelle operating in hot climate. <i>Mechanika</i> , 2017, 23, .	0.3	3
126	ASYMMETRIC FIBER TAPER FOR NARROW LINEWIDTH COMB FILTER. <i>Jurnal Teknologi (Sciences and)</i> Tj ETQq0 0 0 ggBT /Overlock 10 Tf	0.3	0

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127	HIGH SIGNAL-TO-NOISE RATIO Q-SWITCHING ERBIUM DOPED FIBER LASER PULSE EMISSION UTILIZING SINGLE LAYER TRIVIAL TRANSFER GRAPHENE FILM SATURABLE ABSORBER. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.78	14
128	STUDY OF EDC/NHS IMMOBILIZATION FOR PLUMBIOUS DETECTION USING SURFACE PLASMON RESONANCE. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	0
129	INVESTIGATING THE EFFECT OF TAPER LENGTH ON SENSITIVITY OF THE TAPERED-FIBER BASED TEMPERATURE SENSOR. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	7
130	Optical Band Gap and Thermal Diffusivity of Polypyrrole-Nanoparticles Decorated Reduced Graphene Oxide Nanocomposite Layer. Journal of Nanomaterials, 2016, 2016, 1-8.	1.5	10
131	Effects of taper parameters on free spectral range of nonadiabatic tapered optical fibers for sensing applications. Microwave and Optical Technology Letters, 2016, 58, 798-803.	0.9	21
132	Reduced Graphene Oxide/Maghemite Nanocomposite for Detection of Hydrocarbon Vapor Using Surface Plasmon Resonance. IEEE Photonics Journal, 2016, 8, 1-9.	1.0	23
133	Self-seeded four-wave mixing cascades utilizing fiber Bragg grating. , 2016, , .		3
134	Enhanced multiwavelength generation in Brillouin fiber laser with pump noise suppression technique. Laser Physics, 2016, 26, 065102.	0.6	11
135	Highly Nonlinear Fiber-Assisted Multiwavelength Generation in Linear Cavity Thulium-Doped Fiber Laser. IEEE Photonics Journal, 2016, 8, 1-7.	1.0	5
136	Photonic crystal (PhC) nanowires for infrared photodetectors. , 2016, , .		1
137	Reflectivity variation in asymmetric random distributed feedback Raman fiber laser. Laser Physics, 2016, 26, 015105.	0.6	2
138	Carbon nanotube-based mode-locked wavelength-switchable fiber laser via net gain cross section alteration. Laser Physics, 2016, 26, 025106.	0.6	1
139	Enhancement of chitosan-graphene oxide SPR sensor with a multi-metallic layers of AuAgAu nanostructure for lead(II) ion detection. Applied Surface Science, 2016, 361, 177-184.	3.1	55
140	Reduced Graphene Oxide Decorated with Polypyrrole Nanoparticles Layer for Detection of Pyrene Using Surface Plasmon Resonance Technique. ECS Journal of Solid State Science and Technology, 2016, 5, Q7-Q12.	0.9	7
141	Improvement of three-level code division multiplexing via dispersion mapping. Telecommunication Systems, 2016, 61, 887-895.	1.6	1
142	TUNABLE ULTRA-LONG RANDOM DISTRIBUTED FEEDBACK FIBER LASER. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	0
143	Effects of Raman pump power distribution on output spectrum in a multi-wavelength BRFL. Optics Express, 2015, 23, 25570.	1.7	13
144	Dispersion variation in ring-type erbium-doped fiber ultrashort pulse laser with single-wall carbon nanotube-based tapered fiber saturable absorber. Microwave and Optical Technology Letters, 2015, 57, 2374-2376.	0.9	0

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145	Absorbance response of graphene oxide coated on tapered multimode optical fiber towards liquid ethanol. Journal of the European Optical Society-Rapid Publications, 2015, 10, 15019.	0.9	8
146	Sensitive and Specific Protein Sensing Using Single-Mode Tapered Fiber Immobilized With Biorecognition Molecules. IEEE Photonics Journal, 2015, 7, 1-9.	1.0	23
147	Refractive index sensor with asymmetrical tapered fiber based on evanescent field sensing. , 2015, , .		2
148	Multiwavelength SOA fiber ring laser based on bidirectional Lyot filter. , 2015, , .		4
149	Multiwavelength Hybrid Fiber Raman/Parametric Linear Oscillator. IEEE Photonics Journal, 2015, 7, 1-10.	1.0	0
150	Microwave Photonic Filter Using Multiwavelength Brillouin-Erbium Fiber Laser. IEEE Photonics Technology Letters, 2015, 27, 65-68.	1.3	13
151	Subwavelength negative index planar terahertz metamaterial arrays using spiral split ring resonators for near field sensing. International Journal of Applied Electromagnetics and Mechanics, 2015, 47, 827-836.	0.3	5
152	Dynamic Response of Tapered Optical Multimode Fiber Coated with Carbon Nanotubes for Ethanol Sensing Application. Sensors, 2015, 15, 10452-10464.	2.1	37
153	Application of thermal lens technique to measure the thermal diffusivity of biodiesel blend. Optical Review, 2015, 22, 289-293.	1.2	7
154	Optimizing the external optical cavity parameters for performance improvement of a fiber grating Fabry-Pérot laser. Optical Review, 2015, 22, 278-288.	1.2	2
155	Tapered optical fiber coated with graphene based nanomaterials for measurement of ethanol concentrations in water. Optical Review, 2015, 22, 385-392.	1.2	37
156	Effect of large effective area fiber length on the performance of forward-backward scattering combination multiwavelength Brillouin-Raman fiber laser. Journal of Optics (United Kingdom), 2015, 17, 105507.	1.0	2
157	Room temperature ammonia sensing using tapered multimode fiber coated with polyaniline nanofibers. Optics Express, 2015, 23, 2837.	1.7	45
158	Development of SAC-OCDMA in FSO with multi-wavelength laser source. Optics Communications, 2015, 356, 282-289.	1.0	45
159	Influence of design parameters on the performance of a refractive index sensor based on SPR in plastic optical fibers. , 2015, , .		1
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