Nor Hafizah Ngajikin

List of Publications by Year
in descending order

34	139	1307594 7	1372567 10
papers	citations	h-index	g-index

35	35	35	119
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Linearity range enhancement in direct detection of low concentration uric acid. Optik, 2022, 249, 168243.	2.9	3
2	Reduction in moisture content of dehumidified and microwave-heated stingless bee (Kelulut) honey and its quality. Materials Today: Proceedings, 2021, 42, 75-79.	1.8	3
3	Temperature sensing utilizing unclad plastic optical fiber with a balloon-like bent structure. Applied Optics, 2021, 60, 3895.	1.8	10
4	Simultaneous Measurement of High Refractive Index and Temperature Based on SSRS-FBG. IEEE Photonics Technology Letters, 2021, 33, 715-718.	2.5	7
5	Fiber Bragg grating based linear cavity fibre laser temperature sensor with enhanced optical signal-to-noise ratio. Laser Physics, 2020, 30, 015101.	1.2	12
6	Uric acid detection in visible spectrum. Telkomnika (Telecommunication Computing Electronics and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	4
7	Optical Strain Detection with Transmitted Light of Fiber Bragg Grating. , 2019, , .		0
8	Enhanced Sensitivity of Temperature Sensor with Transmitted Light of Fiber Bragg Grating. , 2019, , .		0
9	A low-cost fiber based displacement sensor for industrial applications. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 555.	0.8	3
10	Spectrophotometer with enhanced sensitivity for uric acid detection. Chinese Optics Letters, 2019, 17, 081701.	2.9	7
11	A low cost spectroscopy with Raspberry Pi for soil macronutrient monitoring. Telkomnika (Telecommunication Computing Electronics and Control), 2019, 17, 1867.	0.8	4
12	OPTICAL FIBER LOSS ANALYSIS FOR AN APPLICATION OF SPECTROPHOTOMETER SYSTEM. Jurnal Teknologi (Sciences and Engineering), 2017, 79, .	0.4	1
13	NPK DETECTION SPECTROSCOPY ON NON-AGRICULTURE SOIL. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.4	0
14	Intensity-modulated temperature sensor based on fiber interferometer with optical bandpass filtering. Microwave and Optical Technology Letters, 2016, 58, 1458-1462.	1.4	2
15	Transmittance optimization for high sensitivity ozone concentration measurement. Sensors and Actuators B: Chemical, 2016, 229, 528-533.	7.8	3
16	Alternative wavelength for linearity preservation of <scp>B</scp>eerâ€“<scp>L</scp>ambert Law in ozone concentration measurement. Microwave and Optical Technology Letters, 2015, 57, 1013-1016.	1.4	7
17	Progress in Ozone Sensors Performance: A Review. Jurnal Teknologi (Sciences and Engineering), 2015, 73, .	0.4	12
18	Analysis of Optimized and Improved Low Cost Carbon Dioxide (CO2) Reflective Mid-Infrared Gas Sensor. Jurnal Teknologi (Sciences and Engineering), 2015, 73, .	0.4	0

#	Article	IF	Citations
19	Wide Range Analysis of Absorption Spectroscopy Ozone Gas Sensor. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.784314 rgBT /Over	0.4	1
20	High Sensitivity of Balloon-Like Bent MMI Fiber Low-Temperature Sensor. IEEE Photonics Technology Letters, 2015, 27, 1989-1992.	2.5	20
21	Optical path length and absorption cross section optimization for high sensitivity ozone concentration measurement. Sensors and Actuators B: Chemical, 2015, 221, 570-575.	7.8	11
22	Incident Angle Approach to Sensitivity Enhancement for Ozone Sensor. Applied Mechanics and Materials, 2015, 735, 255-259.	0.2	1
23	Interchangeable Range of Ozone Concentration Simulation for Low Cost Reconfigurable Brass Gas Cell. Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.4	3
24	Investigation of the effect of inlet radius on the response time of a transmission type ozone sensor. , 2014, , .		0
25	Resolution Improvement in Fabry-Perot Displacement Sensor Based on Fringe Counting Method. Telkomnika (Telecommunication Computing Electronics and Control), 2014, 12, 811.	0.8	5
26	Enhancement of the Response time of a Reflective Type Sensor for Ozone Measurements. Jurnal Teknologi (Sciences and Engineering), 2014, 69, .	0.4	3
27	Sensitivity and response time of an ozone sensor. , 2013, , .		2
28	Coupling loss analysis in fiber tip lens and Micro Fabry Perot Multiplexer and demultiplexer connection. , 2013, , .		0
29	CMOS-MEMS Integration in Micro Fabry Perot Pressure Sensor Fabrication. Jurnal Teknologi (Sciences) Tj ETQq1 1 0.784314 rgBT /Over	0.4	1
30	Absorption Cross Section Simulation: a Preliminary Study of Ultraviolet Absorption Spectroscopy for Ozone Gas Measurement. Jurnal Teknologi (Sciences and Engineering), 2013, 64, .	0.4	3
31	Wide range electrostatic MEMS Fabry Perot optical tunable filter: modelling an electrostatic and mechanic beam deflection. Microsystem Technologies, 2011, 17, 19-25.	2.0	4
32	WIDE RANGE OF ELECTROSTATIC ACTUATION MEMS FPOTF. Progress in Electromagnetics Research C, 2009, 9, 155-169.	0.9	4
33	Analysis and design of optimal demultiplexer based on Mach-Zehnder interferometer for CWDM application. , 2008, , .		0
34	Pressure Dependence of Ozone Absorption Cross Section. Applied Mechanics and Materials, 0, 735, 260-264.	0.2	2