

Ninik Irawati

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Graphene- and Multi-Walled Carbon Nanotubes-Coated Tapered Plastic Optical Fiber for Detection of Lard Adulteration in Olive Oil. <i>Photonic Sensors</i> , 2022, 12, 1.	5.0	5
2	Optical volumetric brain imaging: speed, depth, and resolution enhancement. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 323002.	2.8	14
3	Heart Rate Monitoring Sensor Based on Singlemode-Multimode-Singlemode Fiber. <i>Photonic Sensors</i> , 2020, 10, 186-193.	5.0	11
4	Sodium nitrate sensor based on D-shaped fiber structure. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 163, 107927.	5.0	7
5	Side-Polished Optical Fiber Structure for Sodium Nitrate Sensor. <i>IEEE Sensors Journal</i> , 2020, 20, 5929-5934.	4.7	3
6	ZnO nanorod-coated tapered plastic fiber sensors for relative humidity. <i>Optics Communications</i> , 2020, 473, 125924.	2.1	12
7	Fiber bundle sensor for detection of formaldehyde concentration in fish. <i>Optical Fiber Technology</i> , 2019, 52, 101984.	2.7	10
8	Sodium nitrate (NaNO ₃) sensor based on graphene coated microfiber. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 146, 208-214.	5.0	14
9	Detection of adulterated olive oil using multimode-singlemode-multimode (MSM) fiber structure. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	3
10	NaNO ₃ sensing based on microfiber coated with multi-walled carbon nanotubes. <i>Optik</i> , 2019, 185, 936-942.	2.9	2
11	Polymer microfiber coated with ZnO for humidity sensing. <i>Journal of Physics: Conference Series</i> , 2019, 1151, 012019.	0.4	1
12	Magnesium ion sensor based on single mode-multimode-single with multi-walled carbon nanotubes. , 2019, , .		0
13	Polyaniline-Doped Poly (Methyl Methacrylate) Microfiber for Methanol Sensing. <i>IEEE Sensors Journal</i> , 2018, 18, 2801-2806.	4.7	15
14	Multi-walled carbon nanotubes doped Poly(Methyl MethAcrylate) microfiber for relative humidity sensing. <i>Sensors and Actuators A: Physical</i> , 2018, 272, 274-280.	4.1	27
15	Graphene coated silica microfiber for highly sensitive magnesium sensor. <i>Sensors and Actuators A: Physical</i> , 2018, 273, 67-71.	4.1	10
16	Detection of Lard Adulteration in Olive Oil by Using Silica Optical Fiber. , 2018, , .		2
17	MWCNTs coated silica microfiber sensor for detecting Mg ²⁺ in de-ionized water. <i>Optik</i> , 2018, 171, 65-70.	2.9	5
18	Quantum dot cadmium selenide as a saturable absorber for Q-switched and mode-locked double-clad ytterbium-doped fiber lasers. <i>Optics Communications</i> , 2017, 397, 147-152.	2.1	18

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19	PMMA microfiber loop resonator for humidity sensor. <i>Sensors and Actuators A: Physical</i> , 2017, 260, 112-116.	4.1	27
20	Relative Humidity Sensing Using a PMMA Doped Agarose Gel Microfiber. <i>Journal of Lightwave Technology</i> , 2017, 35, 3940-3944.	4.6	48
21	A PMMA microfiber loop resonator based humidity sensor with ZnO nanorods coating. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 99, 128-133.	5.0	47
22	Cadmium Selenide Polymer Microfiber Saturable Absorber for Q-Switched Fiber Laser Applications. <i>Chinese Physics Letters</i> , 2017, 34, 094202.	3.3	10
23	Optical Microfiber Sensing of Adulterated Honey. <i>IEEE Sensors Journal</i> , 2017, 17, 5510-5514.	4.7	14
24	Relative humidity sensor employing tapered plastic optical fiber coated with seeded Al-doped ZnO. <i>Optik</i> , 2017, 144, 257-262.	2.9	19
25	Relative humidity sensor based on MWCNTs-doped polymer microfiber. , 2017, , .		1
26	Potassium permanganate (KMnO ₄) sensing based on microfiber sensors. <i>Applied Optics</i> , 2017, 56, 224.	2.1	13
27	Temperature sensing using CdSe quantum dot doped poly(methyl methacrylate) microfiber. <i>Applied Optics</i> , 2017, 56, 4675.	2.1	18
28	Fabricate Optical Microfiber by Using Flame Brushing Technique and Coated with Polymer Polyaniline for Sensing Application. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 210, 012041.	0.6	4
29	Optical Humidity Sensor Based on Tapered Fiber with Multi-walled Carbon Nanotubes Slurry. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2017, 6, 97.	0.8	12
30	Silica Microfiber Sensor for the Detection of Honey Adulteration. <i>Advanced Science Letters</i> , 2017, 23, 5532-5535.	0.2	3
31	Enhanced Relative Humidity Sensing Based on a Tapered Fiber Bragg Grating with Zinc Oxide Nanostructure-Embedded Coatings. <i>Advanced Science Letters</i> , 2017, 23, 5452-5456.	0.2	0
32	Detection of Honey Adulteration by Addition of Glucose via a Microfiber Coupler. <i>Advanced Science Letters</i> , 2017, 23, 5561-5564.	0.2	0
33	Mode-locked generation in thulium-doped fiber linear cavity laser. <i>Optik</i> , 2016, 127, 11119-11123.	2.9	8
34	PMMA microfiber coated with ZnO nanostructure for the measurement of relative humidity. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 99, 012025.	0.6	6
35	Fabrication of polymer microfiber by direct drawing. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 820-823.	1.4	15
36	<sc>PMMA</sc> microfiber coated with Al-doped ZnO nanostructures for detecting uric acid. <i>Microwave and Optical Technology Letters</i> , 2015, 57, 2455-2457.	1.4	12

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37	DETECTION OF DIFFERENT CONCENTRATIONS OF URIC ACID USING TAPERED SILICA OPTICAL SENSOR COATED WITH ZINC OXIDE (ZNO). Jurnal Teknologi (Sciences and Engineering), 2015, 74, .	0.4	4
38	Fiber Bragg grating sensor for humidity measurement. , 2015, , .		1
39	Tapered Plastic Optical Fiber Coated With Al-Doped ZnO Nanostructures for Detecting Relative Humidity. IEEE Sensors Journal, 2015, 15, 845-849.	4.7	38
40	A Study of Relative Humidity Fiber-Optic Sensors. IEEE Sensors Journal, 2015, 15, 1945-1950.	4.7	58
41	Evanescent wave optical trapping and transport of polystyrene microspheres on microfibers. Microwave and Optical Technology Letters, 2014, 56, 2630-2634.	1.4	9
42	Classification of reflected signals from cavitated tooth surfaces using an artificial intelligence technique incorporating a fiber optic displacement sensor. Journal of Biomedical Optics, 2014, 19, 057009.	2.6	3