

Ninik Irawati

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6196227/publications.pdf>

Version: 2024-02-01

42
papers

529
citations

687363

13
h-index

677142

22
g-index

42
all docs

42
docs citations

42
times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	A Study of Relative Humidity Fiber-Optic Sensors. IEEE Sensors Journal, 2015, 15, 1945-1950.	4.7	58
2	Relative Humidity Sensing Using a PMMA Doped Agarose Gel Microfiber. Journal of Lightwave Technology, 2017, 35, 3940-3944.	4.6	48
3	A PMMA microfiber loop resonator based humidity sensor with ZnO nanorods coating. Measurement: Journal of the International Measurement Confederation, 2017, 99, 128-133.	5.0	47
4	Tapered Plastic Optical Fiber Coated With Al-Doped ZnO Nanostructures for Detecting Relative Humidity. IEEE Sensors Journal, 2015, 15, 845-849.	4.7	38
5	PMMA microfiber loop resonator for humidity sensor. Sensors and Actuators A: Physical, 2017, 260, 112-116.	4.1	27
6	Multi-walled carbon nanotubes doped Poly(Methyl MethAcrylate) microfiber for relative humidity sensing. Sensors and Actuators A: Physical, 2018, 272, 274-280.	4.1	27
7	Relative humidity sensor employing tapered plastic optical fiber coated with seeded Al-doped ZnO. Optik, 2017, 144, 257-262.	2.9	19
8	Quantum dot cadmium selenide as a saturable absorber for Q-switched and mode-locked double-clad ytterbium-doped fiber lasers. Optics Communications, 2017, 397, 147-152.	2.1	18
9	Temperature sensing using CdSe quantum dot doped poly(methyl methacrylate) microfiber. Applied Optics, 2017, 56, 4675.	2.1	18
10	Fabrication of polymer microfiber by direct drawing. Microwave and Optical Technology Letters, 2015, 57, 820-823.	1.4	15
11	Polyaniline-Doped Poly (Methyl Methacrylate) Microfiber for Methanol Sensing. IEEE Sensors Journal, 2018, 18, 2801-2806.	4.7	15
12	Optical Microfiber Sensing of Adulterated Honey. IEEE Sensors Journal, 2017, 17, 5510-5514.	4.7	14
13	Sodium nitrate (NaNO ₃) sensor based on graphene coated microfiber. Measurement: Journal of the International Measurement Confederation, 2019, 146, 208-214.	5.0	14
14	Optical volumetric brain imaging: speed, depth, and resolution enhancement. Journal Physics D: Applied Physics, 2021, 54, 323002.	2.8	14
15	Potassium permanganate (KMnO ₄) sensing based on microfiber sensors. Applied Optics, 2017, 56, 224.	2.1	13
16	<sc>PMMA</sc> microfiber coated with alâ€doped ZnO nanostructures for detecting uric acid. Microwave and Optical Technology Letters, 2015, 57, 2455-2457.	1.4	12
17	ZnO nanorod-coated tapered plastic fiber sensors for relative humidity. Optics Communications, 2020, 473, 125924.	2.1	12
18	Optical Humidity Sensor Based on Tapered Fiber with Multi-walled Carbon Nanotubes Slurry. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 6, 97.	0.8	12

#	ARTICLE	IF	CITATIONS
19	Heart Rate Monitoring Sensor Based on Singlemode-Multimode-Singlemode Fiber. <i>Photonic Sensors</i> , 2020, 10, 186-193.	5.0	11
20	Cadmium Selenide Polymer Microfiber Saturable Absorber for Q-Switched Fiber Laser Applications. <i>Chinese Physics Letters</i> , 2017, 34, 094202.	3.3	10
21	Graphene coated silica microfiber for highly sensitive magnesium sensor. <i>Sensors and Actuators A: Physical</i> , 2018, 273, 67-71.	4.1	10
22	Fiber bundle sensor for detection of formaldehyde concentration in fish. <i>Optical Fiber Technology</i> , 2019, 52, 101984.	2.7	10
23	Evanescent wave optical trapping and transport of polystyrene microspheres on microfibers. <i>Microwave and Optical Technology Letters</i> , 2014, 56, 2630-2634.	1.4	9
24	Mode-locked generation in thulium-doped fiber linear cavity laser. <i>Optik</i> , 2016, 127, 11119-11123.	2.9	8
25	Sodium nitrate sensor based on D-shaped fiber structure. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 163, 107927.	5.0	7
26	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
27	MWCNTs coated silica microfiber sensor for detecting Mg ²⁺ in de-ionized water. <i>Optik</i> , 2018, 171, 65-70.	2.9	5
28	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
29	DETECTION OF DIFFERENT CONCENTRATIONS OF URIC ACID USING TAPERED SILICA OPTICAL SENSOR COATED WITH ZINC OXIDE (ZNO). <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 74, .	0.4	4
30	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
31	Classification of reflected signals from cavitated tooth surfaces using an artificial intelligence technique incorporating a fiber optic displacement sensor. <i>Journal of Biomedical Optics</i> , 2014, 19, 057009.	2.6	3
32	Detection of adulterated olive oil using multimode-singlemode-multimode (MSM) fiber structure. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	3
33	Side-Polished Optical Fiber Structure for Sodium Nitrate Sensor. <i>IEEE Sensors Journal</i> , 2020, 20, 5929-5934.	4.7	3
34	Silica Microfiber Sensor for the Detection of Honey Adulteration. <i>Advanced Science Letters</i> , 2017, 23, 5532-5535.	0.2	3
35	Detection of Lard Adulteration in Olive Oil by Using Silica Optical Fiber. , 2018, , .		2
36	NaNO ₃ sensing based on microfiber coated with multi-walled carbon nanotubes. <i>Optik</i> , 2019, 185, 936-942.	2.9	2

#	ARTICLE	IF	CITATIONS
37	Fiber Bragg grating sensor for humidity measurement. , 2015, , .		1
38	Relative humidity sensor based on MWCNTs-doped polymer microfiber. , 2017, , .		1
39	Polymer microfiber coated with ZnO for humidity sensing. Journal of Physics: Conference Series, 2019, 1151, 012019.	0.4	1
40	Enhanced Relative Humidity Sensing Based on a Tapered Fiber Bragg Grating with Zinc Oxide Nanostructure-Embedded Coatings. Advanced Science Letters, 2017, 23, 5452-5456.	0.2	0
41	Detection of Honey Adulteration by Addition of Glucose via a Microfiber Coupler. Advanced Science Letters, 2017, 23, 5561-5564.	0.2	0
42	Magnesium ion sensor based on single mode-multimode-single with multi-walled carbon nanotubes. , 2019, , .		0