

Yasmin Mustapha Kamil

List of Publications by Year in descending order

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31
papers

656
citations

687363

13
h-index

580821

25
g-index

31
all docs

31
docs citations

31
times ranked

822
citing authors

#	ARTICLE	IF	CITATIONS
1	Single mode tapered fiber-optic interferometer based refractive index sensor and its application to protein sensing. Optics Express, 2014, 22, 22802.	3.4	153
2	Sensitive Detection of Dengue Virus Type 2 E-Proteins Signals Using Self-Assembled Monolayers/Reduced Graphene Oxide-PAMAM Dendrimer Thin Film-SPR Optical Sensor. Scientific Reports, 2020, 10, 2374.	3.3	106
3	Quantitative and Selective Surface Plasmon Resonance Response Based on a Reduced Graphene Oxide-Polyamidoamine Nanocomposite for Detection of Dengue Virus E-Proteins. Nanomaterials, 2020, 10, 569.	4.1	63
4	Label-free Dengue E protein detection using a functionalized tapered optical fiber sensor. Sensors and Actuators B: Chemical, 2018, 257, 820-828.	7.8	49
5	Hydrous ferric oxide-magnetite-reduced graphene oxide nanocomposite for optical detection of arsenic using surface plasmon resonance. Optics and Laser Technology, 2019, 111, 417-423.	4.6	31
6	Sensitive and Specific Protein Sensing Using Single-Mode Tapered Fiber Immobilized With Biorecognition Molecules. IEEE Photonics Journal, 2015, 7, 1-9.	2.0	23
7	Experimental evaluation on surface plasmon resonance sensor performance based on sensitive hyperbranched polymer nanocomposite thin films. Sensors and Actuators A: Physical, 2020, 303, 111830.	4.1	23
8	Effects of taper parameters on free spectral range of non-adiabatic tapered optical fibers for sensing applications. Microwave and Optical Technology Letters, 2016, 58, 798-803.	1.4	21
9	Detection of dengue using PAMAM dendrimer integrated tapered optical fiber sensor. Scientific Reports, 2019, 9, 13483.	3.3	20
10	Saturable absorber incorporating graphene oxide polymer composite through dip coating for mode-locked fiber laser. Optical Materials, 2020, 100, 109619.	3.6	19
11	Fiber-based Surface Plasmon Resonance Sensor for Lead Ion Detection in Aqueous Solution. Plasmonics, 2020, 15, 1369-1376.	3.4	18
12	Dengue E protein detection using graphene oxide integrated tapered optical fiber sensor. IEEE Journal of Selected Topics in Quantum Electronics, 2018, , 1-1.	2.9	16
13	Wavelength Dependent Graphene Oxide-Based Optical Microfiber Sensor for Ammonia Gas. Sensors, 2021, 21, 556.	3.8	15
14	Taper biosensor in fiber ring laser cavity for protein detection. Optics and Laser Technology, 2020, 125, 106033.	4.6	13
15	Bio-Functionalized Tapered Multimode Fiber Coated With Dengue Virus NS1 Glycoprotein for Label Free Detection of Anti-Dengue Virus NS1 IgG Antibody. IEEE Sensors Journal, 2018, 18, 4066-4072.	4.7	12
16	Reduced Graphene Oxide/Maghemite Nanocomposite for Detection of Lead Ions in Water Using Surface Plasmon Resonance. IEEE Photonics Journal, 2018, 10, 1-10.	2.0	10
17	Investigation on factors influencing flatness of a bidirectional SOA-based multiwavelength fiber laser. Infrared Physics and Technology, 2021, 112, 103593.	2.9	10
18	INVESTIGATING THE EFFECT OF TAPER LENGTH ON SENSITIVITY OF THE TAPERED-FIBER BASED TEMPERATURE SENSOR. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	7

#	ARTICLE	IF	CITATIONS
19	Fabrication and characterization of micro fluidic based fiber optic refractive index sensor. Sensing and Bio-Sensing Research, 2017, 13, 70-74.	4.2	7
20	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.	4.5	7
21	Di-Iron Trioxide Hydrate-Multi-Walled Carbon Nanotube Nanocomposite for Arsenite Detection Using Surface Plasmon Resonance Technique. IEEE Photonics Journal, 2019, 11, 1-9.	2.0	5
22	Open Cavity Hybrid Raman-Erbium Random Fiber Laser With Common Pump. IEEE Access, 2019, 7, 85867-85874.	4.2	4
23	Sensitive Detection of Goat β -Casein Using Tapered Optical Fiber Sensor. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-7.	2.9	4
24	Arsenic Detection Using Surface Plasmon Resonance Sensor With Hydrous Ferric Oxide Layer. Photonic Sensors, 2022, 12, 1.	5.0	4
25	L-band Q-switched fiber laser with gallium/thulium-doped silica fiber saturable absorber. Optics and Laser Technology, 2019, 119, 105615.	4.6	3
26	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.	2.9	3
27	Chitosan-Integrated Single-Mode Tapered Optical Fiber DENV II E Protein Sensor. IEEE Sensors Journal, 2021, 21, 20069-20077.	4.7	3
28	Determining salinity using a singlemode tapered optical fiber. , 2014, , .		2
29	Asymmetric fiber taper for temperature sensing applications. , 2015, , .		2
30	Refractive index sensor with asymmetrical tapered fiber based on evanescent field sensing. , 2015, , .		2
31	Micro-fluidic based fiber optic sensor for the detection of DENV II E proteins. , 2018, , .		1