

# Retna Apsari

## List of Publications by Year in descending order

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27  
papers

186  
citations

1307594

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h-index

1125743

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g-index

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all docs

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docs citations

27  
times ranked

193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of Q-switched and mode-locked pulses with Eu <sub>2</sub> O <sub>3</sub> saturable absorber. Optics and Laser Technology, 2020, 127, 106163.	4.6	27
2	Biocompatibility and osteoconductivity of scaffold porous composite collagen-hydroxyapatite based coral for bone regeneration. Open Chemistry, 2020, 18, 584-590.	1.9	24
3	Fiber optic displacement sensor for imaging of tooth surface roughness. Measurement: Journal of the International Measurement Confederation, 2013, 46, 546-551.	5.0	21
4	MXene Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> as a passive Q-switcher for erbium-doped fiber laser. Optical Fiber Technology, 2020, 58, 102289.	2.7	20
5	Fiber optic sensor for heart rate detection. Optik, 2017, 134, 28-32.	2.9	15
6	Gain-flattened hybrid EDFA operating in C+L band with parallel pumping distribution technique. IET Optoelectronics, 2020, 14, 447-451.	3.3	12
7	Anomaly Detection Using Electric Impedance Tomography Based on Real and Imaginary Images. Sensors, 2020, 20, 1907.	3.8	10
8	Nanosecond Q-switched pulse generation using poly(3,4 ethylenedioxythiophene): Poly(4-styrenesulfonate) thin film as saturable absorber. Infrared Physics and Technology, 2021, 116, 103788.	2.9	8
9	Passively Q-switched erbium-doped fiber laser utilizing lutetium oxide deposited onto D-shaped fiber as saturable absorber. Optik, 2019, 193, 162972.	2.9	6
10	Q-switched neodymium-doped fiber laser with a gold nanoparticle-saturable absorber. Microwave and Optical Technology Letters, 2022, 64, 1302-1309.	1.4	6
11	Detection of stain formation on teeth by oral antiseptic solution using fiber optic displacement sensor. Optics and Laser Technology, 2013, 45, 336-341.	4.6	5
12	Inducing Q-switching operation at 1-micron all-fiber laser via lutetium oxide film saturable absorber. Optik, 2020, 219, 165267.	2.9	5
13	Detection of seismograph signal using fiber bundle sensor. Optik, 2020, 208, 164554.	2.9	5
14	Feasibility of fiber optic displacement sensor scanning system for imaging of dental cavity. Journal of Biomedical Optics, 2012, 17, 071308.	2.6	4
15	Effect of tapering diameters with microbottle resonator for formaldehyde (CH <sub>2</sub> O) liquid sensing. Sensing and Bio-Sensing Research, 2019, 25, 100292.	4.2	4
16	Effect of Q-switched pulses exposure on morphology, hydroxyapatite composition, and microhardness properties of human enamel. Journal of Laser Applications, 2011, 23, 032006.	1.7	3
17	Microstructure and mechanical changes induced by Q-Switched pulse laser on human enamel with aim of caries prevention. AIP Conference Proceedings, 2016, , .	0.4	2
18	Cervical Cell Classification using Learning Vector Quantization (LVQ) Based on Shape and Statistical Features. International Journal of Online and Biomedical Engineering, 2019, 15, 91.	1.4	2

#	ARTICLE	IF	CITATIONS
19	Tapered fiber optic sensor for potassium detection in distilled water. Proceedings of SPIE, 2015, , .	0.8	1
20	The regeneration of thermal wound on mice skin (Mus Musculus) after Q-Switch Nd: YAG laser irradiation for cancer therapy candidate. AIP Conference Proceedings, 2017, , .	0.4	1
21	Application of red laser photodynamic for in vivo diabetic wound healing therapy. , 2017, , .		1
22	The dosage optimization of He-Ne laser energy as a candidate for photodynamic therapy of cancer cells with exogenous photosensitizer variations. Journal of Physics: Conference Series, 2017, 853, 012034.	0.4	1
23	Side-polished fiber sensor for measurement of the color concentration in lubricant products. Journal of Physics: Conference Series, 2020, 1484, 012001.	0.4	1
24	Determination of Infrared Laser Energy Dose for Cancer Cells Inactivation as a Candidate of Photodynamic Therapy. Journal of Physics: Conference Series, 2020, 1445, 012021.	0.4	1
25	Dark Pulse Mode-locked Laser based on Aluminum Zinc Oxide coated D-shape fiber as Saturable Absorber. Fiber and Integrated Optics, 2021, 40, 322-334.	2.5	1
26	The utilization of the displacement sensor system to estimate cavities in dentures based on optical imaging. , 2016, , .		0
27	Dosimetry of laser radiation for in vitro cancer cells inactivation using exogenous chlorophyll and protoporphyrin IX (PpIX). , 2017, , .		0