

Hazem M El-Hageen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1634501/hazem-m-el-hageen-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13
papers

548
citations

11
h-index

15
g-index

15
ext. papers

751
ext. citations

1.9
avg, IF

3.71
L-index

#	Paper	IF	Citations
13	Technical specifications for an all-optical switch for information storage and processing systems. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	21
12	Spatial optical transmitter based on on/off keying line coding modulation scheme for optimum performance of telecommunication systems. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2021 , 21, 305	1.6	52
11	The Effects of Adding Different Adhesive Layers with a Microstructure Fiber Sensor Based on Surface Plasmon Resonance: A Numerical Study. <i>Plasmonics</i> , 2021 , 16, 819-832	2.4	56
10	Extremely Sensitive Photonic Crystal Fiber-Based Cancer Cell Detector in the Terahertz Regime. <i>Plasmonics</i> , 2021 , 16, 1297-1306	2.4	46
9	Design and analysis of a single elliptical channel photonic crystal fiber sensor for potential malaria detection. <i>Journal of Sol-Gel Science and Technology</i> , 2021 , 98, 202-211	2.3	47
8	Design and numerical analysis of an extremely sensitive PCF-based sensor for detecting kerosene adulteration in petrol and diesel. <i>AEJ - Alexandria Engineering Journal</i> , 2021 , 60, 5419-5430	6.1	38
7	A New Technique for Improving the Estimation of a Reflective Optical Color Sensor. <i>Sensing and Imaging</i> , 2020 , 21, 1	1.4	1
6	Laser measured rate equations with various transmission coders for optimum of data transmission error rates. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2020 , 20, 1406	1.6	51
5	Silicon-Germanium Dioxide and Aluminum Indium Gallium Arsenide-Based Acoustic Optic Modulators. <i>Open Engineering</i> , 2020 , 10, 506-511	1.7	57
4	RZ Line Coding Scheme With Direct Laser Modulation for Upgrading Optical Transmission Systems. <i>Open Engineering</i> , 2020 , 10, 546-551	1.7	57
3	Different modulation schemes for direct and external modulators based on various laser sources. <i>Journal of Optical Communications</i> , 2020 ,	1.2	57
2	High-speed signal processing and wide band optical semiconductor amplifier in the optical communication systems. <i>Journal of Optical Communications</i> , 2020 ,	1.2	55
1	Modeling the performance characteristics of optocoupler under irradiated fields. <i>Multiscale and Multidisciplinary Modeling, Experiments and Design</i> , 2020 , 3, 33-39	1.4	2