

# Ali Elrashidi

## List of Publications by Year in descending order

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25  
papers

129  
citations

1478505

6  
h-index

1588992

8  
g-index

26  
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26  
docs citations

26  
times ranked

120  
citing authors

#	ARTICLE	IF	CITATIONS
1	Light Harvesting in Silicon Nanowires Solar Cells by Using Graphene Layer and Plasmonic Nanoparticles. Applied Sciences (Switzerland), 2022, 12, 2519.	2.5	11
2	High Performance Polymer Solar Cells Using Grating Nanostructure and Plasmonic Nanoparticles. Polymers, 2022, 14, 862.	4.5	4
3	High-Efficiency Crystalline Silicon-Based Solar Cells Using Textured TiO <sub>2</sub> Layer and Plasmonic Nanoparticles. Nanomaterials, 2022, 12, 1589.	4.1	5
4	Broadband absorber using ultra-thin plasmonic metamaterials nanostructure in the visible and near-infrared regions. Optical and Quantum Electronics, 2021, 53, 1.	3.3	9
5	Highly sensitive silicon nitride biomedical sensor using plasmonic grating and ZnO layer. Materials Research Express, 2020, 7, 075001.	1.6	7
6	High Performance Molecular Detection Biosensor Using Plasmonic Spiral Nanoantenna Based on Optical Fiber. Journal of Biomedical Nanotechnology, 2020, 16, 715-720.	1.1	3
7	Light Harvesting Improvement of a-Si:H Solar Cell Through Nano-Grating Structure and Plasmonic Nanoparticles. Journal of Nanoelectronics and Optoelectronics, 2019, 14, 543-550.	0.5	1
8	Exploring the Impact of Nano-Particles Shape on the Performance of Plasmonic Based Fiber Optics Sensors. Plasmonics, 2017, 12, 563-570.	3.4	9
9	Optical Absorption Enhancement of a-si:H Solar Cells using Plasmonic Nanoparticles and Nanoantennas. Materials Today: Proceedings, 2017, 4, S27-S35.	1.8	5
10	Electrophotonic improvement of polymer solar cells by using graphene and plasmonic nanoparticles. Materials Express, 2017, 7, 305-311.	0.5	8
11	Ultra-Sensitive Gas Sensor Using Different Plasmonic Nanoparticles. Journal of Computational and Theoretical Nanoscience, 2016, 13, 280-285.	0.4	0
12	Investigating the Performance of Ultra-Sensitive Optical Sensor Using Plasmonic Nanoparticles. Nanoscience and Nanotechnology Letters, 2016, 8, 465-470.	0.4	3
13	Study of Plasmonic Exponential Nano-Hole Arrays and Its Application as an Optical Sensor. Journal of Computational and Theoretical Nanoscience, 2016, 13, 4539-4543.	0.4	0
14	Performance analysis of different plasmonic metallic nanoparticles using for ultra-sensitive optical sensor. , 2015, , .		1
15	ECC Signal Transmissions Performance over Wearable Wireless Sensor Networks. Procedia Computer Science, 2015, 65, 412-421.	2.0	5
16	Investigating the Optical Transmission Spectra of Plasmonic Spherical Nano-Hole Arrays. Plasmonics, 2015, 10, 511-517.	3.4	7
17	Variable Delay Optical Buffer Using Tunable Fiber Bragg Gratings. Lecture Notes in Electrical Engineering, 2015, , 133-136.	0.4	0
18	The Effect of Mutual Coupling on a Microstrip Printed Antenna Array Operates at 5 GHz Using Three Different Substrates. Lecture Notes in Electrical Engineering, 2015, , 125-132.	0.4	2

#	ARTICLE	IF	CITATIONS
19	A Novel Performance Analysis of the Microstrip Antenna Printed on a Cylindrical Body. International Journal of Antennas and Propagation, 2014, 2014, 1-9.	1.2	2
20	Investigating the performance of apodized Fiber Bragg gratings for sensing applications. , 2014, , .		24
21	Performance analysis of WDM-PON FTTH using different pulse shapes at 10 Gbps and 20 Gbps. , 2014, , .		1
22	A study of green wavelength-division multiplexed optical communication systems using cascaded fiber bragg grating. Optical Fiber Technology, 2014, 20, 467-472.	2.7	6
23	Performance Analysis of a Microstrip Printed Antenna Conformed on Cylindrical Body at Resonance Frequency 4.6GHz for TM01 Mode. Procedia Computer Science, 2012, 10, 775-784.	2.0	10
24	A New Model of the Lifetime of Wireless Sensor Networks in Pure Water Communications. International Journal of Computers & Technology, 2012, 3, 24-33.	0.2	1
25	Cholesteatoma in children. European Archives of Oto-Rhino-Laryngology, 1992, 249, 389-92.	1.6	5