

# Syed Azeemuddin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5255156/publications.pdf>

Version: 2024-02-01

17  
papers

73  
citations

1684188

5  
h-index

1588992

8  
g-index

17  
all docs

17  
docs citations

17  
times ranked

69  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of various parameters on working of all-optical Schmitt trigger. <i>Optik</i> , 2011, 122, 1935-1938.	2.9	13
2	Solvent-Based Optimization of CSRR and IDC RF Bio-Sensors. <i>IEEE Sensors Journal</i> , 2022, 22, 5651-5661.	4.7	10
3	Comparison of the effects of 60 nm and 96 nm thick patterned permalloy thin films on the performance of on-chip spiral inductors. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 419, 245-248.	2.3	9
4	DESIGN OF RF SENSOR FOR SIMULTANEOUS DETECTION OF COMPLEX PERMEABILITY AND PERMITTIVITY OF UNKNOWN SAMPLE. <i>Progress in Electromagnetics Research C</i> , 2017, 79, 159-173.	0.9	7
5	All optical digital logic gates library. <i>Journal of Optics (India)</i> , 2012, 41, 142-147.	1.7	6
6	Limits imposed by nonlinear coupling on rotation sensitivity of a semiconductor ring laser gyroscope. <i>Applied Optics</i> , 2016, 55, 5187.	2.1	6
7	A CMOS proteretic bistable device. , 2016, , .		5
8	A Circuit to Eliminate Serial Skew in High-Speed Serial Communication Channels. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2015, 62, 1179-1183.	3.0	4
9	Effects of gain medium parameters on the sensitivity of semiconductor ring laser gyroscope. <i>Optics Communications</i> , 2017, 398, 18-23.	2.1	3
10	Mathematical model of semiconductor fiber ring laser gyroscope. <i>Journal of Optics (India)</i> , 2017, 46, 8-15.	1.7	2
11	Towards Development of a Simple Technique Based on Wavelength Specific Absorption for Quality Measurement of Flowing Water. <i>IEEE Sensors Journal</i> , 2020, 20, 14780-14790.	4.7	2
12	A comprehensive review of high voltage wideband and ultra-wide band antennas for IEMI applications. <i>Engineering Research Express</i> , 0, , .	1.6	2
13	Time domain measurements of high electric fields due to spark gap resonator. <i>Review of Scientific Instruments</i> , 2020, 91, 074703.	1.3	1
14	An all-optical proteretic switch using semiconductor ring lasers. <i>Optics Communications</i> , 2020, 475, 126252.	2.1	1
15	Radio frequency biosensing and all-optical devices. <i>CSI Transactions on ICT</i> , 2020, 8, 137-146.	1.0	1
16	Radiation of High-Power Fast Rise Time Pulses by Hydrogen Spark Gap Antenna at a High Repetition Rate. <i>IEEE Transactions on Plasma Science</i> , 2021, 49, 648-655.	1.3	1
17	Proteretic device: modelling and implementation in electronics and optical domain. <i>Semiconductor Science and Technology</i> , 0, , .	2.0	0