

# Syed Azeemuddin

## List of Publications by Year in descending order

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17  
papers

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citations

1684188

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1588992

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g-index

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17  
docs citations

17  
times ranked

69  
citing authors

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