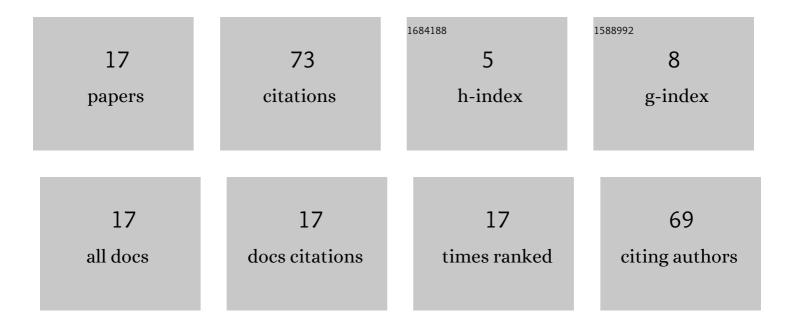
Syed Azeemuddin

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Effect of various parameters on working of all-optical Schmitt trigger. Optik, 2011, 122, 1935-1938.	2.9	13
2	Solvent-Based Optimization of CSRR and IDC RF Bio-Sensors. IEEE Sensors Journal, 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. Journal of Magnetism and Magnetic Materials, 2016, 419, 245-248.	2.3	9
4	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
5	All optical digital logic gates library. Journal of Optics (India), 2012, 41, 142-147.	1.7	6
6	Limits imposed by nonlinear coupling on rotation sensitivity of a semiconductor ring laser gyroscope. Applied Optics, 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. IEEE Transactions on Circuits and Systems II: Express Briefs, 2015, 62, 1179-1183.	3.0	4
9	Effects of gain medium parameters on the sensitivity of semiconductor ring laser gyroscope. Optics Communications, 2017, 398, 18-23.	2.1	3
10	Mathematical model of semiconductor fiber ring laser gyroscope. Journal of Optics (India), 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. IEEE Sensors Journal, 2020, 20, 14780-14790.	4.7	2
12	A comprehensive review of high voltage wideband and ultra-wide band antennas for IEMI applications. Engineering Research Express, 0, , .	1.6	2
13	Time domain measurements of high electric fields due to spark gap resonator. Review of Scientific Instruments, 2020, 91, 074703.	1.3	1
14	An all-optical proteretic switch using semiconductor ring lasers. Optics Communications, 2020, 475, 126252.	2.1	1
15	Radio frequency biosensing and all-optical devices. CSI Transactions on ICT, 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. IEEE Transactions on Plasma Science, 2021, 49, 648-655.	1.3	1
17	Proteretic device: modelling and implementation in electronics and optical domain. Semiconductor Science and Technology, 0, , .	2.0	0