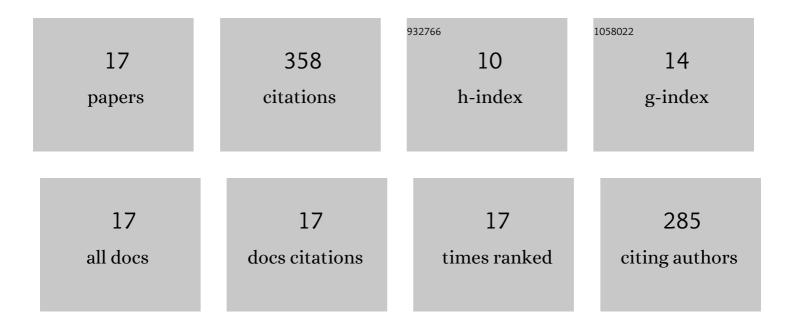
Rukhsar Zafar

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Enhanced Figure of Merit in Fano Resonance-Based Plasmonic Refractive Index Sensor. IEEE Sensors Journal, 2015, 15, 6313-6317.	2.4	110
2	Plasmonics-Based Refractive Index Sensor for Detection of Hemoglobin Concentration. IEEE Sensors Journal, 2018, 18, 4372-4377.	2.4	76
3	Wideband slow light achievement in MIM plasmonic waveguide by controlling Fano resonance. Infrared Physics and Technology, 2014, 67, 25-29.	1.3	31
4	Metallic Slit–Loaded Ring Resonator–Based Plasmonic Demultiplexer with Large Crosstalk. Plasmonics, 2019, 14, 1013-1017.	1.8	26
5	Achievement of Large Normalized Delay Bandwidth Product by Exciting Electromagnetic-Induced Transparency in Plasmonic Waveguide. IEEE Journal of Quantum Electronics, 2015, 51, 1-6.	1.0	18
6	Analysis of asymmetry of Fano resonance in plasmonic metal-insulator-metal waveguide. Photonics and Nanostructures - Fundamentals and Applications, 2017, 23, 1-6.	1.0	18
7	Fano Resonance Excited All-Optical XOR, XNOR, and NOT Gates with High Contrast Ratio. Plasmonics, 2018, 13, 1987-1994.	1.8	15
8	Enhanced Phase Sensitivity in Plasmonic Refractive Index Sensor Based on Slow Light. IEEE Photonics Technology Letters, 2016, 28, 2187-2190.	1.3	14
9	Split Ring Resonators-Based Plasmonics Sensor With Dual Fano Resonances. IEEE Sensors Journal, 2021, 21, 6050-6055.	2.4	13
10	Wideband Slow Surface Plasmons in Double Resonator Plasmonic Grating Waveguide. IEEE Photonics Technology Letters, 2014, 26, 2221-2224.	1.3	12
11	Photonic Crystal-Based All-Optical Half Adder with High Contrast Ratio. Journal of Optical Communications, 2020, .	4.0	9
12	Plasmonic Grating-Based Refractive Index Sensor with High Sensitivity. IETE Journal of Research, 2023, 69, 3661-3667.	1.8	7
13	Plasmonic refractive index sensor based on metal insulator metal waveguide. , 2016, , .		5
14	Toluene–filled photonic crystal fiber with flat dispersion. Materials Today: Proceedings, 2020, 30, 210-213.	0.9	2
15	Ag-SiO2-Ag based plasmonic waveguide for refractive index sensing. Materials Today: Proceedings, 2020, 30, 214-216.	0.9	1
16	Photonic Crystal based All Optical OR and XOR Gate with high Contrast Ratio and Noise Margin. , 2021, , \cdot		1
17	Dual-Band Plasmonic Filter Using Nanoslit-Loaded Ring Resonator. Lecture Notes in Electrical Engineering, 2020, , 275-280.	0.3	0