

Rukhsar Zafar

List of Publications by Year in descending order

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17
papers

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times ranked

285
citing authors

| # | 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-SiO ₂ -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, , . | | 1 |
| 17 | Dual-Band Plasmonic Filter Using Nanoslit-Loaded Ring Resonator. Lecture Notes in Electrical Engineering, 2020, , 275-280. | 0.3 | 0 |