

# Chen Fang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6997711/publications.pdf>

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17  
papers

246  
citations

1040056

9  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

130  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Temperature tunable Fano resonance based on ring resonator side coupled with a MIM waveguide. Optics and Laser Technology, 2019, 116, 293-299.   | 4.6 | 63        |
| 2  | Tunable perfect absorber based on gold grating including phase-changing material in visible range. Applied Physics A: Materials Science and Processing, 2019, 125, 1.                          | 2.3 | 21        |
| 3  | Sensor based on multiple Fano resonances in MIM waveguide resonator system with silver nanorod-defect. Optik, 2021, 229, 166237.   | 2.9 | 21        |
| 4  | Realizing of plasmon Fano resonance with a metal nanowall moving along MIM waveguide. Optics Communications, 2016, 369, 72-78.   | 2.1 | 20        |
| 5  | Double-band perfect absorber based on the dielectric grating and Fabry-Perot cavity. Applied Physics A: Materials Science and Processing, 2019, 125, 1.  | 2.3 | 19        |
| 6  | Pressure sensor based on multiple Fano resonance in metal-insulator-metal waveguide coupled resonator structure. Journal of the Optical Society of America B: Optical Physics, 2022, 39, 1716. | 2.1 | 18        |
| 7  | Refractive index and temperature sensing based on defect resonator coupled with a MIM waveguide. Modern Physics Letters B, 2019, 33, 1950017.  | 1.9 | 12        |
| 8  | A tunable high-efficiency optical switch based on graphene coupled photonic crystals structure. Journal of Modern Optics, 2017, 64, 1531-1537.   | 1.3 | 11        |
| 9  | Tunable power splitter based on MIM waveguide-rectangle cavity system with Kerr material. Modern Physics Letters B, 2016, 30, 1650376.   | 1.9 | 10        |
| 10 | Tunable Plasmonic Perfect Absorber Based on a Multilayer Graphene Strip-Grating Structure. Journal of Electronic Materials, 2019, 48, 5603-5608.   | 2.2 | 10        |
| 11 | High sensitivity plasmonic refractive index and temperature sensor based on square ring shape resonator with nanorods defects. Optical and Quantum Electronics, 2022, 54, 1.                   | 3.3 | 10        |
| 12 | Controllable transparency and slow light in a hybrid optomechanical system with quantum dot molecules. Optical and Quantum Electronics, 2020, 52, 1.   | 3.3 | 9         |
| 13 | Triple-band perfect absorber based on the gold-Al <sub>2</sub> O <sub>3</sub> -grating structure in visible and near-infrared wavelength range. Optical and Quantum Electronics, 2022, 54, 1.  | 3.3 | 9         |
| 14 | Controllable optical bistability in double quantum dot molecule. IET Optoelectronics, 2018, 12, 215-219.   | 3.3 | 6         |
| 15 | Electrically tunable Fano resonance based on ring resonator coupled with a stub. Optik, 2019, 185, 585-591.  | 2.9 | 6         |
| 16 | Optical absorption properties and nanosensing application based on metallic rectangle nanoparticles array. Micro and Nano Letters, 2018, 13, 758-762.  | 1.3 | 0         |
| 17 | Controllable optical bistability in the quantum dot biexciton-exciton cascaded scheme. Journal of Optics (India), 2021, 50, 147-151.   | 1.7 | 0         |