

# Chen Fang

## List of Publications by Year in descending order

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