

# Ping Gu

## List of Publications by Year in descending order

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papers

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citations

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h-index

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all docs

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docs citations

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times ranked

361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast Secure Key Distribution Based on Random DNA Coding and Electro-Optic Chaos Synchronization. IEEE Journal of Quantum Electronics, 2022, 58, 1-8.	1.9	5
2	The Light Absorption Enhancement in Graphene Monolayer Resulting from the Diffraction Coupling of Surface Plasmon Polariton Resonance. Nanomaterials, 2022, 12, 216.	4.1	17
3	Real-Time Observation of Mode Locking and Q-Switching in Erbium-Doped Fiber Laser Using Plasmonic Titanium Nitride Nanoparticles. Journal of Russian Laser Research, 2022, 43, 169-175.	0.6	3
4	Nanoscale Al <sub>2</sub> O <sub>3</sub> Core with Ag Shell-Based Ultranarrow and Symmetric Cavity Plasmons for a Sub-nm Spectral Shift and Radius Differential Resolution Measurements. ACS Applied Nano Materials, 2022, 5, 8196-8204.	5.0	0
5	High Sensing Properties of Magnetic Plasmon Resonance by Strong Coupling in Three-Dimensional Metamaterials. Journal of Lightwave Technology, 2021, 39, 562-565.	4.6	47
6	Ultralarge Rabi splitting and broadband strong coupling in a spherical hyperbolic metamaterial cavity. Photonics Research, 2021, 9, 829.	7.0	6
7	Independently tunable double Fano-like resonances arising from the interference coupling of localized surface plasmons with waveguide modes. Results in Physics, 2021, 25, 104218.	4.1	7
8	Strong Magnetic Plasmon Resonance in a Simple Metasurface for High-Quality Sensing. Journal of Lightwave Technology, 2021, 39, 4525-4528.	4.6	45
9	Ultranarrow and Tunable Fano Resonance in Ag Nanoshells and a Simple Ag Nanomatryushka. Nanomaterials, 2021, 11, 2039.	4.1	6
10	Ultraviolet graphene ultranarrow absorption engineered by lattice plasmon resonance. Nanotechnology, 2021, 32, 465202.	2.6	53
11	Multiple Sharp Fano Resonances in a Deep-Subwavelength Spherical Hyperbolic Metamaterial Cavity. Nanomaterials, 2021, 11, 2301.	4.1	5
12	Dielectric-loading approach for extra electric field enhancement and spatially transferring plasmonic hot-spots. Nanotechnology, 2021, 32, 035205.	2.6	6
13	Perfect Absorption and Refractive-Index Sensing by Metasurfaces Composed of Cross-Shaped Hole Arrays in Metal Substrate. Nanomaterials, 2021, 11, 63.	4.1	26
14	Au triangles array as saturable absorber for a 1.5 $\mu\text{m}$ passively mode-locked erbium-doped fiber laser. , 2021, , .		0
15	Theoretical Study on Metasurfaces for Transverse Magneto-Optical Kerr Effect Enhancement of Ultra-Thin Magnetic Dielectric Films. Nanomaterials, 2021, 11, 2825.	4.1	2
16	Graphene Multiple Fano Resonances Based on Asymmetric Hybrid Metamaterial. Nanomaterials, 2020, 10, 2408.	4.1	8
17	Narrowband Light Reflection Resonances from Waveguide Modes for High-Quality Sensors. Nanomaterials, 2020, 10, 1966.	4.1	9
18	Electrically modulating and switching infrared absorption of monolayer graphene in metamaterials. Carbon, 2020, 162, 187-194.	10.3	82

#	ARTICLE	IF	CITATIONS
19	Ultra-narrowband light absorption enhancement of monolayer graphene from waveguide mode. <i>Optics Express</i> , 2020, 28, 24908.	3.4	16
20	Highly tunable multiple narrow emissions of dyed dielectric-metal core-shell resonators: towards efficient fluorescent labels. <i>Nanotechnology</i> , 2019, 30, 065302.	2.6	1
21	Efficient Optical Reflection Modulation by Coupling Interband Transition of Graphene to Magnetic Resonance in Metamaterials. <i>Nanoscale Research Letters</i> , 2019, 14, 391.	5.7	2
22	Thermal stability of ultrathin and high dielectric $\text{Ta}_2\text{O}_5$ films coated with Ag nanostructures for SERS. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 431-437.	2.5	3
23	Low threshold spaser based on deep-subwavelength spherical hyperbolic metamaterial cavities. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	29
24	Double Fano resonances in an individual metallic nanostructure for high sensing sensitivity. <i>Nanotechnology</i> , 2017, 28, 475203.	2.6	26
25	Shaping the photoluminescence from gold nanoshells by cavity plasmons in dielectric-metal core-shell resonators. <i>AIP Advances</i> , 2016, 6, 085216.	1.3	1
26	Excitation and tuning of Fano-like cavity plasmon resonances in dielectric-metal core-shell resonators. <i>Nanoscale</i> , 2016, 8, 10358-10363.	5.6	20
27	A facile high-performance SERS substrate based on broadband near-perfect optical absorption. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 795-801.	2.5	19
28	Robust Plasmonic Fano Resonances in U-Shaped Nanostructures. <i>Plasmonics</i> , 2015, 10, 1159-1166.	3.4	7
29	Improvement of surface-enhanced Raman scattering by dipolar resonance mode of silver half-shell array. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 120, 11-16.	2.3	4