

Ping Gu

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

455
citations

840776

11
h-index

713466

21
g-index

29
all docs

29
docs citations

29
times ranked

361
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically modulating and switching infrared absorption of monolayer graphene in metamaterials. Carbon, 2020, 162, 187-194.	10.3	82
2	Ultraviolet graphene ultranarrow absorption engineered by lattice plasmon resonance. Nanotechnology, 2021, 32, 465202.	2.6	53
3	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
4	Strong Magnetic Plasmon Resonance in a Simple Metasurface for High-Quality Sensing. Journal of Lightwave Technology, 2021, 39, 4525-4528.	4.6	45
5	Low threshold spaser based on deep-subwavelength spherical hyperbolic metamaterial cavities. Applied Physics Letters, 2017, 110, .	3.3	29
6	Double Fano resonances in an individual metallic nanostructure for high sensing sensitivity. Nanotechnology, 2017, 28, 475203.	2.6	26
7	Perfect Absorption and Refractive-Index Sensing by Metasurfaces Composed of Cross-Shaped Hole Arrays in Metal Substrate. Nanomaterials, 2021, 11, 63.	4.1	26
8	Excitation and tuning of Fano-like cavity plasmon resonances in dielectricâ€“metal coreâ€“shell resonators. Nanoscale, 2016, 8, 10358-10363.	5.6	20
9	A facile highâ€“performance SERS substrate based on broadband nearâ€“perfect optical absorption. Journal of Raman Spectroscopy, 2015, 46, 795-801.	2.5	19
10	The Light Absorption Enhancement in Graphene Monolayer Resulting from the Diffraction Coupling of Surface Plasmon Polariton Resonance. Nanomaterials, 2022, 12, 216.	4.1	17
11	Ultra-narrowband light absorption enhancement of monolayer graphene from waveguide mode. Optics Express, 2020, 28, 24908.	3.4	16
12	Narrowband Light Reflection Resonances from Waveguide Modes for High-Quality Sensors. Nanomaterials, 2020, 10, 1966.	4.1	9
13	Graphene Multiple Fano Resonances Based on Asymmetric Hybrid Metamaterial. Nanomaterials, 2020, 10, 2408.	4.1	8
14	Robust Plasmonic Fano Resonances in Îƒ-Shaped Nanostructures. Plasmonics, 2015, 10, 1159-1166.	3.4	7
15	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
16	Ultralarge Rabi splitting and broadband strong coupling in a spherical hyperbolic metamaterial cavity. Photonics Research, 2021, 9, 829.	7.0	6
17	Ultranarrow and Tunable Fano Resonance in Ag Nanoshells and a Simple Ag Nanomatryushka. Nanomaterials, 2021, 11, 2039.	4.1	6
18	Dielectric-loading approach for extra electric field enhancement and spatially transferring plasmonic hot-spots. Nanotechnology, 2021, 32, 035205.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Multiple Sharp Fano Resonances in a Deep-Subwavelength Spherical Hyperbolic Metamaterial Cavity. <i>Nanomaterials</i> , 2021, 11, 2301.	4.1	5
20	Ultrafast Secure Key Distribution Based on Random DNA Coding and Electro-Optic Chaos Synchronization. <i>IEEE Journal of Quantum Electronics</i> , 2022, 58, 1-8.	1.9	5
21	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
22	Thermal stability of ultrathin and high dielectric TaO_x films coated with Ag nanostructures for SERS. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 431-437.	2.5	3
23	Real-Time Observation of Mode Locking and Q-Switching in Erbium-Doped Fiber Laser Using Plasmonic Titanium Nitride Nanoparticles. <i>Journal of Russian Laser Research</i> , 2022, 43, 169-175.	0.6	3
24	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
25	Theoretical Study on Metasurfaces for Transverse Magneto-Optical Kerr Effect Enhancement of Ultra-Thin Magnetic Dielectric Films. <i>Nanomaterials</i> , 2021, 11, 2825.	4.1	2
26	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
27	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
28	Au triangles array as saturable absorber for a 1.5 μm passively mode-locked erbium-doped fiber laser. , 2021, , .		0
29	Nanoscale Al_2O_3 Core with Ag Shell-Based Ultranarrow and Symmetric Cavity Plasmons for a Sub-nm Spectral Shift and Radius Differential Resolution Measurements. <i>ACS Applied Nano Materials</i> , 2022, 5, 8196-8204.	5.0	0