

# Jinpeng Nong

## List of Publications by Year in descending order

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500791

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docs citations

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times ranked

879  
citing authors

#	ARTICLE	IF	CITATIONS
1	Active Modulation of Graphene Near-Infrared Electroabsorption Employing Borophene Plasmons in a Wide Waveband. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	13
2	Data transmission with up to 100 orbital angular momentum modes via commercial multi-mode fiber and parallel neural networks. <i>Optics Express</i> , 2022, 30, 23149.	1.7	9
3	Enhanced Graphene Plasmonic Mode Energy for Highly Sensitive Molecular Fingerprint Retrieval. <i>Laser and Photonics Reviews</i> , 2021, 15, .	4.4	55
4	Combined Visible Plasmons of Ag Nanoparticles and Infrared Plasmons of Graphene Nanoribbons for High-Performance Surface-Enhanced Raman and Infrared Spectroscopies. <i>Small</i> , 2021, 17, .	5.2	53
5	Controllable hybridization between localized and delocalized anisotropic borophene plasmons in the near-infrared region. <i>Optics Letters</i> , 2021, 46, 725.	1.7	17
6	Active tuning of longitudinal strong coupling between anisotropic borophene plasmons and Bloch surface waves. <i>Optics Express</i> , 2021, 29, 27750.	1.7	14
7	Magnetic polaritons assisted effective excitation of multi-order anisotropic borophene surface plasmons in the infrared region. <i>Results in Physics</i> , 2021, 29, 104780.	2.0	9
8	Effective Transmission Modulation at Telecommunication Wavelengths through Continuous Metal Films Using Coupling between Borophene Plasmons and Magnetic Polaritons. <i>Advanced Optical Materials</i> , 2021, 9, 2001809.	3.6	18
9	Resolved Infrared Spectroscopy of Aqueous Molecules Employing Tunable Graphene Plasmons in an Otto Prism. <i>Analytical Chemistry</i> , 2020, 92, 15370-15378.	3.2	23
10	Wideband tunable perfect absorption of graphene plasmons via attenuated total reflection in Otto prism configuration. <i>Nanophotonics</i> , 2020, 9, 645-655.	2.9	34
11	Narrowband Perfect Absorber Based on Dielectric-Metal Metasurface for Surface-Enhanced Infrared Sensing. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2295.	1.3	20
12	Highly stable all-in-one photoelectrochemical electrodes based on carbon nanowalls. <i>Nanotechnology</i> , 2020, 31, 335401.	1.3	2
13	Eco-friendly and high-performance photoelectrochemical anode based on AgInS <sub>2</sub> quantum dots embedded in 3D graphene nanowalls. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9830-9839.	2.7	48
14	High-performance refractive index sensor based on guided-mode resonance in all-dielectric nano-silt array. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019, 383, 1478-1482.	0.9	28
15	Enhanced UV photoresponse employing 3D graphene nanowalls/SnO <sub>2</sub> nanocomposite film. <i>Surface and Coatings Technology</i> , 2019, 359, 90-96.	2.2	14
16	Single-layer graphene-coated gold chip for electrochemical surface plasmon resonance study. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4577-4585.	1.9	2
17	Graphene/Au-Enhanced Plastic Clad Silica Fiber Optic Surface Plasmon Resonance Sensor. <i>Plasmonics</i> , 2018, 13, 483-491.	1.8	53
18	Strong coherent coupling between graphene surface plasmons and anisotropic black phosphorus localized surface plasmons. <i>Optics Express</i> , 2018, 26, 1633.	1.7	102

#	ARTICLE	IF	CITATIONS
19	Mode energy of graphene plasmons and its role in determining the local field magnitudes. Optics Express, 2018, 26, 6214.	1.7	12
20	Graphene-assisted multilayer structure employing hybrid surface plasmon and magnetic plasmon for surface-enhanced vibrational spectroscopy. Optics Express, 2018, 26, 16903.	1.7	15
21	Mechanism of propagating graphene plasmons excitation for tunable infrared photonic devices. Optics Express, 2018, 26, 3709.	1.7	18
22	Single-layer graphene-coated gold chip for enhanced SPR imaging immunoassay. Sensors and Actuators B: Chemical, 2018, 273, 1548-1555.	4.0	21
23	Direct growth of graphene nanowalls on silica for high-performance photo-electrochemical anode. Surface and Coatings Technology, 2017, 320, 579-583.	2.2	17
24	Cavity-enhanced continuous graphene plasmonic resonator for infrared sensing. Optics Communications, 2017, 395, 147-153.	1.0	24
25	Graphene-MoS <sub>2</sub> Hybrid Structure Enhanced Fiber Optic Surface Plasmon Resonance Sensor. Plasmonics, 2017, 12, 1205-1212.	1.8	26
26	Graphene-Based Long-Period Fiber Grating Surface Plasmon Resonance Sensor for High-Sensitivity Gas Sensing. Sensors, 2017, 17, 2.	2.1	78
27	All-Semiconductor Plasmonic Resonator for Surface-Enhanced Infrared Absorption Spectroscopy. Micromachines, 2017, 8, 6.	1.4	11
28	Conformal Graphene-Decorated Nanofluidic Sensors Based on Surface Plasmons at Infrared Frequencies. Sensors, 2016, 16, 899.	2.1	19
29	CdS nanowire-modified 3D graphene foam for high-performance photo-electrochemical anode. Journal of Alloys and Compounds, 2016, 688, 37-43.	2.8	8
30	Cavity enhanced ultra-thin aluminum plasmonic resonator for surface enhanced infrared absorption spectroscopy., 2016, , .		0
31	Coupling of Graphene Plasmonics Modes Induced by Near-Field Perturbation at Terahertz Frequencies. Plasmonics, 2016, 11, 1109-1118.	1.8	9
32	All-Optical Cantilever-Enhanced Photoacoustic Spectroscopy in the Open Environment. International Journal of Thermophysics, 2015, 36, 1116-1122.	1.0	9
33	Reflection-type infrared biosensor based on surface plasmonics in graphene ribbon arrays. Chinese Optics Letters, 2015, 13, 082801-82805.	1.3	13
34	An infrared biosensor based on graphene plasmonic for integrated nanofluidic analysis., 2014, , .		4