

# Jinpeng Nong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4331124/publications.pdf>

Version: 2024-02-01

34  
papers

798  
citations

516215

16  
h-index

500791

28  
g-index

35  
all docs

35  
docs citations

35  
times ranked

879  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong coherent coupling between graphene surface plasmons and anisotropic black phosphorus localized surface plasmons. <i>Optics Express</i> , 2018, 26, 1633.	1.7	102
2	Graphene-Based Long-Period Fiber Grating Surface Plasmon Resonance Sensor for High-Sensitivity Gas Sensing. <i>Sensors</i> , 2017, 17, 2.	2.1	78
3	Enhanced Graphene Plasmonic Mode Energy for Highly Sensitive Molecular Fingerprint Retrieval. <i>Laser and Photonics Reviews</i> , 2021, 15, .	4.4	55
4	Graphene/Au-Enhanced Plastic Clad Silica Fiber Optic Surface Plasmon Resonance Sensor. <i>Plasmonics</i> , 2018, 13, 483-491.	1.8	53
5	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
6	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
7	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
8	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
9	Graphene-MoS <sub>2</sub> Hybrid Structure Enhanced Fiber Optic Surface Plasmon Resonance Sensor. <i>Plasmonics</i> , 2017, 12, 1205-1212.	1.8	26
10	Cavity-enhanced continuous graphene plasmonic resonator for infrared sensing. <i>Optics Communications</i> , 2017, 395, 147-153.	1.0	24
11	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
12	Single-layer graphene-coated gold chip for enhanced SPR imaging immunoassay. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 1548-1555.	4.0	21
13	Narrowband Perfect Absorber Based on Dielectric-Metal Metasurface for Surface-Enhanced Infrared Sensing. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2295.	1.3	20
14	Conformal Graphene-Decorated Nanofluidic Sensors Based on Surface Plasmons at Infrared Frequencies. <i>Sensors</i> , 2016, 16, 899.	2.1	19
15	Mechanism of propagating graphene plasmons excitation for tunable infrared photonic devices. <i>Optics Express</i> , 2018, 26, 3709.	1.7	18
16	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
17	Direct growth of graphene nanowalls on silica for high-performance photo-electrochemical anode. <i>Surface and Coatings Technology</i> , 2017, 320, 579-583.	2.2	17
18	Controllable hybridization between localized and delocalized anisotropic borophene plasmons in the near-infrared region. <i>Optics Letters</i> , 2021, 46, 725.	1.7	17

#	ARTICLE	IF	CITATIONS
19	Graphene-assisted multilayer structure employing hybrid surface plasmon and magnetic plasmon for surface-enhanced vibrational spectroscopy. <i>Optics Express</i> , 2018, 26, 16903.	1.7	15
20	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
21	Active tuning of longitudinal strong coupling between anisotropic borophene plasmons and Bloch surface waves. <i>Optics Express</i> , 2021, 29, 27750.	1.7	14
22	Reflection-type infrared biosensor based on surface plasmonics in graphene ribbon arrays. <i>Chinese Optics Letters</i> , 2015, 13, 082801-82805.	1.3	13
23	Active Modulation of Graphene Near-Infrared Electroabsorption Employing Borophene Plasmons in a Wide Waveband. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	13
24	Mode energy of graphene plasmons and its role in determining the local field magnitudes. <i>Optics Express</i> , 2018, 26, 6214.	1.7	12
25	All-Semiconductor Plasmonic Resonator for Surface-Enhanced Infrared Absorption Spectroscopy. <i>Micromachines</i> , 2017, 8, 6.	1.4	11
26	All-Optical Cantilever-Enhanced Photoacoustic Spectroscopy in the Open Environment. <i>International Journal of Thermophysics</i> , 2015, 36, 1116-1122.	1.0	9
27	Coupling of Graphene Plasmonics Modes Induced by Near-Field Perturbation at Terahertz Frequencies. <i>Plasmonics</i> , 2016, 11, 1109-1118.	1.8	9
28	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
29	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
30	CdS nanowire-modified 3D graphene foam for high-performance photo-electrochemical anode. <i>Journal of Alloys and Compounds</i> , 2016, 688, 37-43.	2.8	8
31	An infrared biosensor based on graphene plasmonic for integrated nanofluidic analysis. , 2014, , .		4
32	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
33	Highly stable all-in-one photoelectrochemical electrodes based on carbon nanowalls. <i>Nanotechnology</i> , 2020, 31, 335401.	1.3	2
34	Cavity enhanced ultra-thin aluminum plasmonic resonator for surface enhanced infrared absorption spectroscopy. , 2016, , .		0