Hongyan Yang

List of Publications by Year
in descending order

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35	329	840776 11	888059 17
papers	citations	h-index	g-index

35	35	35	202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Sensitive Graphene-Au Coated Plasmon Resonance PCF Sensor. Sensors, 2021, 21, 818.	3.8	33
2	Liquid Level Sensor Based on a V-Groove Structure Plastic Optical Fiber. Sensors, 2018, 18, 3111.	3.8	26
3	High Sensitivity Plasmonic Sensor Based on Fano Resonance with Inverted U-Shaped Resonator. Sensors, 2021, 21, 1164.	3.8	25
4	An Integrated Detection Based on a Multi-Parameter Plasmonic Optical Fiber Sensor. Sensors, 2021, 21, 803.	3.8	23
5	Refractive Index Sensor Based on Twisted Tapered Plastic Optical Fibers. Photonics, 2019, 6, 40.	2.0	21
6	All-Optical Modulation Technology Based on 2D Layered Materials. Micromachines, 2022, 13, 92.	2.9	20
7	Tunable circular dichroism based on graphene-metal split ring resonators. Optics Express, 2021, 29, 21020.	3.4	19
8	Proposed phase plate for superimposed orbital angular momentum state generation. Optics Express, 2018, 26, 14792.	3.4	16
9	Graphene Oxide Sensitized No-Core Fiber Step-Index Distribution Sucrose Sensor. Photonics, 2020, 7, 101.	2.0	14
10	High Q-Factor Hybrid Metamaterial Waveguide Multi-Fano Resonance Sensor in the Visible Wavelength Range. Nanomaterials, 2021, 11, 1583.	4.1	14
11	Progress on Optical Fiber Biochemical Sensors Based on Graphene. Micromachines, 2022, 13, 348.	2.9	13
12	Broadband tunable perfect absorber with high absorptivity based on double layer graphene. Optical Materials Express, 2021, 11, 3398.	3.0	10
13	A Temperature Sensor Based on Composite Optical Waveguide. Journal of Lightwave Technology, 2022, 40, 2663-2669.	4.6	10
14	Numerical Study of Ultra-Broadband Metamaterial Perfect Absorber Based on Four-Corner Star Array. Nanomaterials, 2021, 11, 2172.	4.1	10
15	Investigation of a plastic optical fiber imprinted with V-groove structure for displacement sensing. Optical Engineering, 2019, 58, 1.	1.0	9
16	Ultra-Narrow-Band Filter Based on High Q Factor in Metallic Nanoslit Arrays. Sensors, 2020, 20, 5205.	3.8	7
17	Dynamically tunable polarization-independent terahertz absorber based on bulk Dirac semimetals. OSA Continuum, 2019, 2, 2477.	1.8	7
18	Circular Airy Beam Shaping by Annular Arrayed-Core Fiber. Journal of Lightwave Technology, 2019, 37, 4844-4850.	4.6	6

#	Article	IF	Citations
19	Spin-orbital coupling of quadratic-power-exponent-phase vortex beam propagating in a uniaxial crystal. Optics Express, 2020, 28, 216.	3.4	6
20	Ultra-broadband perfect solar energy absorber based on tungsten ring arrays. Engineering Research Express, 2021, 3, 045020.	1.6	6
21	Rotating Angle Modulation Method for Improving the Measurement Performance of LRSPR Sensor. IEEE Sensors Journal, 2021, 21, 14876-14886.	4.7	5
22	Design and Analysis of an Afterpulsing Auto-Correction System for Single Photon Avalanche Diodes. IEEE Photonics Technology Letters, 2021, 33, 293-296.	2.5	5
23	Dual-color meta-image display with a silver nanopolarizer based metasurface. Optics Express, 2021, 29, 25894.	3.4	5
24	Modeling of Refractive Index Sensing Using Au Aperture Arrays on a Bragg Fiber Facet. Photonic Sensors, 2019, 9, 337-343.	5.0	4
25	Significantly enhanced sensitivity using a gold aperture arrays-dielectric hybrid structure in optical fiber sensor. Journal of Physics Communications, 2019, 3, 015005.	1.2	4
26	Wide-range frequency tunable absorber based on cross-groove metamaterials and graphene-sheet. Journal Physics D: Applied Physics, 2020, 53, 255102.	2.8	4
27	Integrated Multifunctional Graphene Discs 2D Plasmonic Optical Tweezers for Manipulating Nanoparticles. Nanomaterials, 2022, 12, 1769.	4.1	3
28	High-Sensitivity Plasmonics Biosensor Based on Graphene Ribbon Arrays. , 2019, , .		1
29	Coherent Perfect Absorber Based on Antisymmetric Metasurface With Gain Material. IEEE Photonics Journal, 2020, 12, 1-9.	2.0	1
30	Graphene-Photonic Crystal Fiber Biodetection Based on Surface Plasma Resonance Effect and Defect Coupling. , 2021, , .		1
31	Dual-parameter detection with an open-loop dual-core plasmonic optical fiber sensor. , 2022, 1, 1441.		1
32	Enhanced Efficient Light Emission of Er(Yb/Y) Silicates at the Wavelength of 1.53Î¼m with Au Plasmonic Arrays. IEEE Photonics Journal, 2017, , 1-1.	2.0	0
33	Observation of Double Fano Interference in Metal-Insulator Block Arrays. IEEE Photonics Journal, 2021, 13, 1-9.	2.0	0
34	Difference frequency sideband generation in semiconductors. OSA Continuum, 2019, 2, 244.	1.8	0
35	High Sensitivity Refractive Index and Temperature sensors with Tunable Multiple Fano Resonances. , 2021, , .		0