

Zao Yi

List of Publications by Year in descending order

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192
papers

9,505
citations

26567

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49773

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192
all docs

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docs citations

192
times ranked

4481
citing authors

#	ARTICLE	IF	CITATIONS
1	A new technique to optimize the properties of photonic crystal fibers supporting transmission of multiple orbital angular momentum modes. <i>Journal of Optics (India)</i> , 2023, 52, 307-316.	0.8	7
2	A high-quality-factor ultra-narrowband perfect metamaterial absorber based on monolayer molybdenum disulfide. <i>Chinese Physics B</i> , 2022, 31, 038101.	0.7	33
3	A simple polyacrylamide gel route for the synthesis of MgAl ₂ O ₄ nanoparticles with different metal sources as an efficient adsorbent: Neural network algorithm simulation, equilibrium, kinetics and thermodynamic studies. <i>Separation and Purification Technology</i> , 2022, 281, 119855.	3.9	57
4	Preparation of core-shell heterojunction photocatalysts by coating CdS nanoparticles onto Bi ₄ Ti ₃ O ₁₂ hierarchical microspheres and their photocatalytic removal of organic pollutants and Cr(VI) ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 633, 127918.	2.3	189
5	Using critical coupling to achieve monolayer graphene perfect absorber with high-sensitivity and polarization-independence. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022, 137, 115069.	1.3	4
6	A novel photoluminescence phenomenon in a SrMoO ₄ /SrWO ₄ micro/nano heterojunction phosphors obtained by the polyacrylamide gel method combined with low temperature calcination technology. <i>Journal of Luminescence</i> , 2022, 243, 118660.	1.5	35
7	Surface doping of Bi ₄ Ti ₃ O ₁₂ with S: Enhanced photocatalytic activity, mechanism and potential photodegradation application. <i>Materials Research Bulletin</i> , 2022, 149, 111711.	2.7	53
8	Realization of 18.97% theoretical efficiency of 0.9 μ m thick c-Si/ZnO heterojunction ultrathin-film solar cells via surface plasmon resonance enhancement. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 4871-4880.	1.3	156
9	Theoretical Comparison of Optothermal Absorption in Transmissive Metalenses Composed of Nanobricks and Nanoholes. <i>Photonics</i> , 2022, 9, 39.	0.9	0
10	A switchable terahertz device combining ultra-wideband absorption and ultra-wideband complete reflection. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 2527-2533.	1.3	186
11	Independently tunable triple-band infrared perfect absorber based on the square loops-shaped nano-silver structure. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022, 139, 115122.	1.3	5
12	Template-free synthesis of Bi ₂ O ₂ CO ₃ hierarchical nanotubes self-assembled from ordered nanoplates for promising photocatalytic applications. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8279-8295.	1.3	100
13	Thermal tuning of terahertz metamaterial absorber properties based on VO ₂ . <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 8846-8853.	1.3	197
14	Multi-mode surface plasmon resonance absorber based on dart-type single-layer graphene. <i>RSC Advances</i> , 2022, 12, 7821-7829.	1.7	226
15	Synthesis of carnation flower-like Bi ₂ O ₂ CO ₃ photocatalyst and its promising application for photoreduction of Cr(VI). <i>Advanced Powder Technology</i> , 2022, 33, 103481.	2.0	124
16	A beffry-typed narrow-band tunable perfect absorber based on graphene and the application potential research. <i>Diamond and Related Materials</i> , 2022, 125, 108973.	1.8	36
17	High efficiency Titanium oxides and nitrides ultra-broadband solar energy absorber and thermal emitter from 200Ånm to 2600Ånm. <i>Optics and Laser Technology</i> , 2022, 150, 108002.	2.2	62
18	Comparative investigation on synthesis, morphological tailoring and photocatalytic activities of Bi ₂ O ₂ CO ₃ nanostructures. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 644, 128758.	2.3	95

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19	Detection of kerosene adulteration in automobile fuel by a low-loss surface plasmon resonance (SPR) chemical sensor. <i>Analytical Methods</i> , 2022, 14, 2153-2160.	1.3	3
20	Grating Structure Broadband Absorber Based on Gallium Arsenide and Titanium. <i>Coatings</i> , 2022, 12, 588.	1.2	2
21	High-performance dual-control tunable absorber with switching function and high sensitivity based on Dirac semi-metallic film and vanadium oxide. <i>Optics and Laser Technology</i> , 2022, 153, 108245.	2.2	12
22	A simple fabrication, microstructure, optical, photoluminescence and supercapacitive performances of MgMoO ₄ /MgWO ₄ heterojunction micro/nanocomposites. <i>Solid State Sciences</i> , 2022, 129, 106909.	1.5	9
23	Broadband solar absorbers with excellent thermal radiation efficiency based on Al ₂ O ₃ stack of cubes. <i>International Journal of Thermal Sciences</i> , 2022, 179, 107683.	2.6	12
24	A fiber optic communication shield based on a two-dimensional molybdenum disulfide broadband absorber. <i>Optics and Laser Technology</i> , 2022, 153, 108284.	2.2	7
25	Wide spectrum solar energy absorption based on germanium plated ZnO nanorod arrays: Energy band regulation, Finite element simulation, Super hydrophilicity, Photothermal conversion. <i>Applied Materials Today</i> , 2022, 28, 101531.	2.3	25
26	Metamaterial Solar Absorber Based on Refractory Metal Titanium and Its Compound. <i>Coatings</i> , 2022, 12, 929.	1.2	4
27	Perfect Absorption of Fan-Shaped Graphene Absorbers with Good Adjustability in the Mid-Infrared. <i>Coatings</i> , 2022, 12, 990.	1.2	1
28	Dual band visible metamaterial absorbers based on four identical ring patches. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 127, 114526.	1.3	78
29	SiO _x @C composites obtained by facile synthesis as anodes for lithium- and potassium-ion batteries with excellent electrochemical performance. <i>Applied Surface Science</i> , 2021, 542, 148712.	3.1	21
30	Multi-band and high-sensitivity perfect absorber based on monolayer graphene metamaterial. <i>Diamond and Related Materials</i> , 2021, 111, 108227.	1.8	104
31	Ultra-short and dual-core photonic crystal fiber polarization splitter composed of metal and gallium arsenide. <i>Optik</i> , 2021, 226, 165779.	1.4	25
32	Recent progresses on metamaterials for optical absorption and sensing: a review. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 113002.	1.3	58
33	Three-band perfect absorber with high refractive index sensing based on an active tunable Dirac semimetal. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 17374-17381.	1.3	60
34	Ultra-wideband and wide-angle perfect solar energy absorber based on Ti nanorings surface plasmon resonance. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 17041-17048.	1.3	219
35	A novel plasmonic refractive index sensor based on gold/silicon complementary grating structure*. <i>Chinese Physics B</i> , 2021, 30, 024207.	0.7	51
36	Surface plasmon resonance sensor based on U-shaped photonic quasi-crystal fiber. <i>Applied Optics</i> , 2021, 60, 1761.	0.9	27

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37	Graphene-based metasurface sensing applications in terahertz band. Results in Physics, 2021, 21, 103795.	2.0	83
38	Tert-butylamine/oleic acid-assisted morphology tailoring of hierarchical Bi ₄ Ti ₃ O ₁₂ architectures and their application for photodegradation of simulated dye wastewater. Optical Materials, 2021, 112, 110781.	1.7	47
39	Photocatalytic Application of Ag-Decorated CuS/BaTiO ₃ Composite Photocatalysts for Degrading RhB. Journal of Electronic Materials, 2021, 50, 2674-2686.	1.0	36
40	An excellent Z-scheme Ag ₂ MoO ₄ /Bi ₄ Ti ₃ O ₁₂ heterojunction photocatalyst: Construction strategy and application in environmental purification. Advanced Powder Technology, 2021, 32, 951-962.	2.0	96
41	Outstanding slow-light effect for graphene metasurface in terahertz. Results in Physics, 2021, 23, 104002.	2.0	16
42	Blue and green double band luminescent carbon quantum dots: Synthesis, origin of photoluminescence, and application in white light-emitting devices. Applied Physics Letters, 2021, 118, .	1.5	35
43	Meta-Deflectors Made of Dielectric Nanohole Arrays with Anti-Damage Potential. Photonics, 2021, 8, 107.	0.9	3
44	Triple plasmon-induced transparency and optical switch desensitized to polarized light based on a mono-layer metamaterial. Optics Express, 2021, 29, 13949.	1.7	61
45	Broadband plasmon-induced transparency modulator in the terahertz band based on multilayer graphene metamaterials. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2021, 38, 784.	0.8	20
46	Unidirectional reflectionless propagation of near-infrared light in resonator-assisted non-parity-time symmetric waveguides. New Journal of Physics, 2021, 23, 053015.	1.2	8
47	Reflective Meta-Films with Anti-Damage Property via Field Distribution Manipulation. Coatings, 2021, 11, 640.	1.2	2
48	Triple plasmon-induced transparency in graphene and metal metamaterials and its anomalous property. Journal Physics D: Applied Physics, 2021, 54, 284001.	1.3	11
49	A Quad-€Frequency On-€Off Modulator Based on a Simple Graphene Metasurface in Terahertz. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2100036.	1.2	2
50	Multi-band multi-tunable perfect plasmon absorber based on L-shaped and double-elliptical graphene stacks. Diamond and Related Materials, 2021, 115, 108374.	1.8	59
51	Multi-band, tunable, high figure of merit, high sensitivity single-layer patterned graphene-€Perfect absorber based on surface plasmon resonance. Diamond and Related Materials, 2021, 116, 108393.	1.8	57
52	Optical Anapole Modes in Gallium Phosphide Nanodisk with Forked Slits for Electric Field Enhancement. Nanomaterials, 2021, 11, 1490.	1.9	7
53	Based on Ultrathin PEDOT:PSS/c-Ge Solar Cells Design and Their Photoelectric Performance. Coatings, 2021, 11, 748.	1.2	27
54	Tunable multi-band terahertz absorber based on composite graphene structures with square ring and Jerusalem cross. Results in Physics, 2021, 25, 104233.	2.0	30

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55	Terahertz tunable three band narrowband perfect absorber based on Dirac semimetal. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 131, 114750.	1.3	52
56	The better photoelectric performance of thin-film TiO ₂ /c-Si heterojunction solar cells based on surface plasmon resonance. <i>Results in Physics</i> , 2021, 28, 104628.	2.0	27
57	Phase evolution and photoluminescence behavior of M ₂ MoO ₄ (M = Mg, Ca, Sr) phosphors. <i>Optik</i> , 2021, 241, 167040.	1.4	33
58	Preparation of ZnO/Bi ₂ O ₃ Composites as Heterogeneous Thin Film Materials with High Photoelectric Performance on FTO Base. <i>Coatings</i> , 2021, 11, 1140.	1.2	15
59	Piezocatalytic degradation of methylene blue, tetrabromobisphenol A and tetracycline hydrochloride using Bi ₄ Ti ₃ O ₁₂ with different morphologies. <i>Materials Research Bulletin</i> , 2021, 141, 111350.	2.7	112
60	Facile synthesis of BaMoO ₄ and BaMoO ₄ /BaWO ₄ heterostructures with type-I band arrangement and enhanced photoluminescence properties. <i>Advanced Powder Technology</i> , 2021, 32, 4186-4197.	2.0	35
61	A multi-band and polarization-independent perfect absorber based on Dirac semimetals circles and semi-ellipses array*. <i>Chinese Physics B</i> , 2021, 30, 098102.	0.7	32
62	Excellent sensing based on dual-plasmon induced transparency in graphene metasurface. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2021, 134, 114850.	1.3	19
63	Flexoelectricity-induced enhancement in carrier separation and photocatalytic activity of a photocatalyst. <i>Applied Surface Science</i> , 2021, 566, 150669.	3.1	98
64	Composite structure of Au film/PMMA grating coated with Au nanocubes for SERS substrate. <i>Optical Materials</i> , 2021, 121, 111536.	1.7	20
65	Optical and magnetic properties of small-size core-shell Fe ₃ O ₄ @C nanoparticles. <i>Materials Today Chemistry</i> , 2021, 22, 100556.	1.7	22
66	Multi-peak narrow-band perfect absorber based on two-dimensional graphene array. <i>Diamond and Related Materials</i> , 2021, 120, 108666.	1.8	34
67	The influence of In ₂ -Ga ₂ O ₃ film thickness on the optoelectronic properties of In ₂ -Ga ₂ O ₃ @ZnO nanocomposite heterogeneous materials. <i>Materials Today Communications</i> , 2021, 29, 102873.	0.9	9
68	Terahertz perfect absorber based on flexible active switching of ultra-broadband and ultra-narrowband. <i>Optics Express</i> , 2021, 29, 42787.	1.7	47
69	Surface plasmon resonance chemical sensor composed of a microstructured optical fiber for the detection of an ultra-wide refractive index range and gas-liquid pollutants. <i>Optics Express</i> , 2021, 29, 40734.	1.7	68
70	A four-band and polarization-independent BDS-based tunable absorber with high refractive index sensitivity. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 26864-26873.	1.3	189
71	Ultra-Low-Reflective, Self-Cleaning Surface by Fabrication Dual-Scale Hierarchical Optical Structures on Silicon. <i>Coatings</i> , 2021, 11, 1541.	1.2	3
72	High performance columnar-like Fe ₂ O ₃ @carbon composite anode via yolk@shell structural design. <i>Journal of Energy Chemistry</i> , 2020, 41, 126-134.	7.1	191

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73	Dual-Band Infrared Perfect Absorber Based on a Ag-Dielectric-Ag Multilayer Films with Nanoring Grooves Arrays. <i>Plasmonics</i> , 2020, 15, 93-100.	1.8	68
74	Evolution of Bi Nanowires from BiOBr Nanoplates Through a NaBH_4 Reduction Method with Enhanced Photodegradation Performance. <i>Environmental Engineering Science</i> , 2020, 37, 64-77.	0.8	71
75	Design of ternary $\text{CaTiO}_3/\text{g-C}_3\text{N}_4/\text{AgBr}$ Z-scheme heterostructured photocatalysts and their application for dye photodegradation. <i>Solid State Sciences</i> , 2020, 100, 106102.	1.5	102
76	High Quality Factor, High Sensitivity Metamaterial Graphene Perfect Absorber Based on Critical Coupling Theory and Impedance Matching. <i>Nanomaterials</i> , 2020, 10, 95.	1.9	146
77	A dual-band metamaterial absorber for graphene surface plasmon resonance at terahertz frequency. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 117, 113840.	1.3	129
78	A narrowband perfect absorber with high Q-factor and its application in sensing in the visible region. <i>Results in Physics</i> , 2020, 19, 103415.	2.0	41
79	Controllable frequency conversion in the coupled time-modulated cavities with phase delay. <i>Optics Communications</i> , 2020, 476, 126338.	1.0	49
80	Broadband polarization-insensitive and wide-angle solar energy absorber based on tungsten ring-disc array. <i>Nanoscale</i> , 2020, 12, 23077-23083.	2.8	143
81	Adjusting the Energy Bands of WO_3/ZnO Nanocomposite Heterojunction Through the Combination of WO_3 Thin Film to Improve its Photoelectric Performance. <i>IEEE Access</i> , 2020, 8, 171350-171358.	2.6	10
82	Ultra-wideband solar absorber based on refractory titanium metal. <i>Renewable Energy</i> , 2020, 158, 227-235.	4.3	185
83	Fabrication of $\text{ZnO}/\text{Ag}/\text{Ag}_3\text{PO}_4$ Ternary Heterojunction: Superhydrophilic Properties, Antireflection and Photocatalytic Properties. <i>Micromachines</i> , 2020, 11, 309.	1.4	52
84	A Near-Infrared Multi-Band Perfect Absorber Based on 1D Gold Grating Fabry-Perot Structure. <i>IEEE Access</i> , 2020, 8, 72742-72748.	2.6	20
85	Fabrication of ZnO/MoS_2 Nanocomposite Heterojunction Arrays and Their Photoelectric Properties. <i>Micromachines</i> , 2020, 11, 189.	1.4	72
86	Broadband solar energy absorber based on monolayer molybdenum disulfide using tungsten elliptical arrays. <i>Materials Today Energy</i> , 2020, 16, 100390.	2.5	142
87	Triple-band perfect metamaterial absorber with good operating angle polarization tolerance based on split ring arrays. <i>Results in Physics</i> , 2020, 16, 102951.	2.0	101
88	A Tunable Triple-Band Near-Infrared Metamaterial Absorber Based on Au Nano-Cuboids Array. <i>Nanomaterials</i> , 2020, 10, 207.	1.9	99
89	Tunable Broadband Solar Energy Absorber Based on Monolayer Transition Metal Dichalcogenides Materials Using Au Nanocubes. <i>Nanomaterials</i> , 2020, 10, 257.	1.9	98
90	Ultra-broadband and wide-angle perfect solar absorber based on TiN nanodisk and Ti thin film structure. <i>Solar Energy Materials and Solar Cells</i> , 2020, 211, 110535.	3.0	193

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91	Study on the solar energy absorption of hybrid solar cells with trapezoid-pyramidal structure based PEDOT:PSS/c-Ge. <i>Solar Energy</i> , 2020, 204, 635-643.	2.9	99
92	Study on Temperature Adjustable Terahertz Metamaterial Absorber Based on Vanadium Dioxide. <i>IEEE Access</i> , 2020, 8, 85154-85161.	2.6	110
93	Polarization-sensitive triple plasmon-induced transparency with synchronous and asynchronous switching based on monolayer graphene metamaterials. <i>Optics Express</i> , 2020, 28, 36771.	1.7	66
94	Ultra-sensitive hexagonal PCF-SPR sensor with a broad detection range. <i>Journal of Modern Optics</i> , 2020, 67, 1545-1554.	0.6	9
95	Synergistically enhanced photocatalytic performance of Bi ₄ Ti ₃ O ₁₂ nanosheets by Au and Ag nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 13785-13796.	1.1	79
96	Direct Z-scheme CaTiO ₃ @BiOBr composite photocatalysts with enhanced photodegradation of dyes. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29020-29031.	2.7	81
97	Ex-centric core photonic crystal fiber sensor with gold nanowires based on surface plasmon resonance. <i>Optik</i> , 2019, 196, 163173.	1.4	34
98	Enhanced photocatalytic performance by hybridization of Bi ₂ WO ₆ nanoparticles with honeycomb-like porous carbon skeleton. <i>Journal of Environmental Management</i> , 2019, 248, 109341.	3.8	93
99	Si nano-cavity enabled surface-enhanced Raman scattering signal amplification. <i>Nanotechnology</i> , 2019, 30, 465204.	1.3	9
100	Dual-Band Plasmonic Perfect Absorber Based on Graphene Metamaterials for Refractive Index Sensing Application. <i>Micromachines</i> , 2019, 10, 443.	1.4	89
101	Numerical investigation of a tunable metamaterial perfect absorber consisting of two-intersecting graphene nanoring arrays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2019, 383, 3030-3035.	0.9	56
102	Theoretical design of a triple-band perfect metamaterial absorber in the THz frequency range. <i>Results in Physics</i> , 2019, 14, 102463.	2.0	77
103	Effect of slit width on surface plasmon resonance. <i>Results in Physics</i> , 2019, 15, 102711.	2.0	49
104	NaBH ₄ -Reduction Induced Evolution of Bi Nanoparticles from BiOCl Nanoplates and Construction of Promising Bi@BiOCl Hybrid Photocatalysts. <i>Catalysts</i> , 2019, 9, 795.	1.6	81
105	Entropy-driven catalytic reaction-induced hairpin structure switching for fluorometric detection of uranyl ions. <i>Mikrochimica Acta</i> , 2019, 186, 653.	2.5	13
106	Terahertz wideband perfect absorber based on open loop with cross nested structure. <i>Results in Physics</i> , 2019, 15, 102603.	2.0	61
107	Synthesis, surface properties, crystal structure and dye-sensitized solar cell performance of TiO ₂ nanotube arrays anodized under different parameters. <i>Results in Physics</i> , 2019, 15, 102609.	2.0	87
108	Fabrication of ZnO@Ag ₃ PO ₄ Core-Shell Nanocomposite Arrays as Photoanodes and Their Photoelectric Properties. <i>Nanomaterials</i> , 2019, 9, 1254.	1.9	73

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109	A broadband and polarization-independent metamaterial perfect absorber with monolayer Cr and Ti elliptical disks array. Results in Physics, 2019, 15, 102635.	2.0	70
110	A numerical research of wideband solar absorber based on refractory metal from visible to near infrared. Optical Materials, 2019, 97, 109400.	1.7	128
111	Enhanced Photothermal Effect in Ultralow-Density Carbon Aerogels with Microporous Structures for Facile Optical Ignition Applications. ACS Applied Materials & Interfaces, 2019, 11, 7250-7260.	4.0	14
112	Nanoribbon-ring cross perfect metamaterial graphene multi-band absorber in THz range and the sensing application. Results in Physics, 2019, 14, 102367.	2.0	83
113	Dual-band switchable terahertz metamaterial absorber based on metal nanostructure. Results in Physics, 2019, 14, 102422.	2.0	49
114	Enhanced Photocatalytic Performance and Mechanism of Au@CaTiO ₃ Composites with Au Nanoparticles Assembled on CaTiO ₃ Nanocuboids. Micromachines, 2019, 10, 254.	1.4	66
115	Five-Band Terahertz Perfect Absorber Based on Metal Layer-“Coupled Dielectric Metamaterial. Plasmonics, 2019, 14, 1621-1628.	1.8	19
116	ZrO ₂ nanoparticle embedded carbon nanofibers by electrospinning technique as advanced negative electrode materials for vanadium redox flow battery. Electrochimica Acta, 2019, 309, 166-176.	2.6	96
117	Truncated titanium/semiconductor cones for wide-band solar absorbers. Nanotechnology, 2019, 30, 305203.	1.3	86
118	Tunable Graphene-based Plasmonic Perfect Metamaterial Absorber in the THz Region. Micromachines, 2019, 10, 194.	1.4	70
119	Magnetic properties and reverse magnetization process of anisotropic nanocomposite permanent magnet. Journal of Magnetism and Magnetic Materials, 2019, 483, 152-157.	1.0	36
120	Photocatalytic activity tuning in a novel Ag ₂ S/CQDs/CuBi ₂ O ₄ composite: Synthesis and photocatalytic mechanism. Materials Research Bulletin, 2019, 115, 140-149.	2.7	128
121	Graphene-based tunable triple-band plasmonic perfect metamaterial absorber with good angle-polarization-tolerance. Results in Physics, 2019, 13, 102149.	2.0	49
122	Growth Process and CQDs-modified Bi ₄ Ti ₃ O ₁₂ Square Plates with Enhanced Photocatalytic Performance. Micromachines, 2019, 10, 66.	1.4	41
123	High sensitivity refractive index sensing with good angle and polarization tolerance using elliptical nanodisk graphene metamaterials. Physica Scripta, 2019, 94, 085805.	1.2	45
124	Tunable dual-band perfect absorber consisting of periodic cross-cross monolayer graphene arrays. Results in Physics, 2019, 13, 102217.	2.0	53
125	Fabrication of ZnO Nanorods with Strong UV Absorption and Different Hydrophobicity on Foamed Nickel under Different Hydrothermal Conditions. Micromachines, 2019, 10, 164.	1.4	38
126	Plasmonic absorption enhancement in graphene circular and elliptical disk arrays. Materials Research Express, 2019, 6, 045807.	0.8	22

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127	Tunable triple-band graphene refractive index sensor with good angle-polarization tolerance. Optics Communications, 2019, 436, 57-62.	1.0	60
128	Tunable absorption enhancement in periodic elliptical hollow graphene arrays. Optical Materials Express, 2019, 9, 706.	1.6	36
129	Robust erythrocyte-like Fe ₂ O ₃ @carbon with yolk-shell structures as high-performance anode for lithium ion batteries. Chemical Engineering Journal, 2018, 347, 563-573.	6.6	179
130	Tunable absorption enhancement in electric split-ring resonators-shaped graphene arrays. Materials Research Express, 2018, 5, 045802.	0.8	33
131	Fabrication of p-n heterostructure ZnO/Si moth-eye structures: Antireflection, enhanced charge separation and photocatalytic properties. Applied Surface Science, 2018, 441, 40-48.	3.1	91
132	Absorption enhancement in double-layer cross-shaped graphene arrays. Materials Research Express, 2018, 5, 015605.	0.8	20
133	Photocatalytic activity of self-assembled porous TiO ₂ nano-columns array fabricated by oblique angle sputter deposition. Materials Research Express, 2018, 5, 045018.	0.8	3
134	Preparation of composite micro/nano structure on the silicon surface by reactive ion etching: Enhanced anti-reflective and hydrophobic properties. Superlattices and Microstructures, 2018, 117, 144-154.	1.4	26
135	A Tunable Plasmonic Refractive Index Sensor with Nanoring-Strip Graphene Arrays. Sensors, 2018, 18, 4489.	2.1	62
136	Tunable Multipolar Fano Resonances and Electric Field Enhancements in Au Ring-Disk Plasmonic Nanostructures. Materials, 2018, 11, 1576.	1.3	9
137	Nanostrip-Induced High Tunability Multipolar Fano Resonances in a Au Ring-Strip Nanosystem. Nanomaterials, 2018, 8, 568.	1.9	32
138	Plasmonic absorption characteristics based on dumbbell-shaped graphene metamaterial arrays. Physica E: Low-Dimensional Systems and Nanostructures, 2018, 103, 93-98.	1.3	56
139	Active manipulation of electromagnetically induced transparency in a terahertz hybrid metamaterial. Optics Communications, 2018, 426, 629-634.	1.0	35
140	Plasmonic Absorption Enhancement in Elliptical Graphene Arrays. Nanomaterials, 2018, 8, 175.	1.9	47
141	Tunable plasmonic resonance absorption characteristics in periodic H-shaped graphene arrays. Superlattices and Microstructures, 2018, 120, 427-435.	1.4	33
142	Tunable plasmonic resonance absorption characteristics and good angle polarization insensitive based on periodic H-shaped graphene arrays. , 2018, , .		0
143	Optical Properties and Local Electromagnetic Field Enhancement of Periodic Rectangular Nanohole Arrays in Au-Interlayer-Au Multilayer Films. Plasmonics, 2017, 12, 1929-1937.	1.8	8
144	Fabrication of well-aligned ZnO@Ag nanorod arrays with effective charge transfer for surface-enhanced Raman scattering. Surface and Coatings Technology, 2017, 324, 257-263.	2.2	42

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145	Multiple surface plasmon resonances of square lattice nanohole arrays in Au-SiO ₂ -Au multilayer films. <i>Optics Communications</i> , 2017, 390, 1-6.	1.0	20
146	Ordered Hexagonal Nanoplasmonic Au Nanoparticle Arrays: AAO-Assisted Thermal Treatment Synthesis and Application as Surface-Enhanced Raman Scattering Substrates. <i>Plasmonics</i> , 2017, 12, 2013-2020.	1.8	4
147	Microwave-assisted polyol method rapid synthesis of high quality and yield Ag nanowires. <i>Surface and Coatings Technology</i> , 2017, 327, 118-125.	2.2	13
148	Preparation of core-shell structure KClO ₄ @Al/CuO Nanoenergetic material and enhancement of thermal behavior. <i>Scientific Reports</i> , 2017, 7, 3730.	1.6	13
149	Nanodisk-Induced Modification of Plasmon Coupling and Appearance of Fano Resonance Without Symmetry Breaking in Concentric Ag Nanoring-Nanodisk. <i>Plasmonics</i> , 2017, 12, 889-898.	1.8	9
150	Active Control of Near-Field Coupling in a Terahertz Metal-Graphene Metamaterial. <i>IEEE Photonics Technology Letters</i> , 2017, 29, 1998-2001.	1.3	30
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