Jing-Hua Teng

List of Publications by Year
in descending order

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223 papers	9,456 citations	46918 47 h-index	43802 91 g-index
226 all docs	226 docs citations	226 times ranked	10025 citing authors

#	Article	IF	Citations
1	Interlayer Excitons in Transition Metal Dichalcogenide Semiconductors for 2D Optoelectronics. Advanced Materials, 2022, 34, e2107138.	11.1	28
2	Controllable Polarizationâ€Insensitive and Largeâ€Angle Beam Switching with Phaseâ€Change Metasurfaces. Advanced Optical Materials, 2022, 10, .	3.6	7
3	Reply to: Detectivities of WS2/HfS2 heterojunctions. Nature Nanotechnology, 2022, 17, 220-221.	15.6	5
4	Wideâ€Angle Tunable Critical Coupling in Nanophotonic Optical Coatings with Lowâ€Loss Phase Change Material. Small, 2022, 18, .	5.2	7
5	Printable two-dimensional superconducting monolayers. Nature Materials, 2021, 20, 181-187.	13.3	102
6	Ultra-high extinction-ratio light modulation by electrically tunable metasurface using dual epsilon-near-zero resonances. Opto-Electronic Advances, 2021, 4, 200088-200088.	6.4	32
7	Broadband generation of rational-order optical vortices using a bilateral meta-grating. Journal of Optics (United Kingdom), 2021, 23, 024002.	1.0	0
8	Electrostatically Tunable Nearâ€Infrared Plasmonic Resonances in Solutionâ€Processed Atomically Thin NbSe₂. Advanced Materials, 2021, 33, e2101950.	11.1	11
9	From colloidal particles to photonic crystals: advances in self-assembly and their emerging applications. Chemical Society Reviews, 2021, 50, 5898-5951.	18.7	232
10	Design of narrowband perfect absorber for enhancing photoluminescence in atomically thin WSe2. Optics Communications, 2020, 454, 124443.	1.0	7
11	Exciton-Enabled Meta-Optics in Two-Dimensional Transition Metal Dichalcogenides. Nano Letters, 2020, 20, 7964-7972.	4.5	19
12	Hybrid Plasmonics and Two-Dimensional Materials: Theory and Applications. Journal of Molecular and Engineering Materials, 2020, 08, 2030001.	0.9	4
13	The Significance of Metal Coordination in Imidazoleâ€Functionalized Metalâ€"Organic Frameworks for Carbon Dioxide Utilization. Chemistry - A European Journal, 2020, 26, 13606-13610.	1.7	5
14	Ultralong light focusing via negative axicon microsphere. Engineering Research Express, 2020, 2, 015044.	0.8	6
15	High oscillator strength interlayer excitons in two-dimensional heterostructures for mid-infrared photodetection. Nature Nanotechnology, 2020, 15, 675-682.	15.6	129
16	Fano-like chiroptical response in plasmonic heterodimer nanostructures. Physical Chemistry Chemical Physics, 2020, 22, 3604-3610.	1.3	7
17	Giant Emission Enhancement of Solidâ€State Gold Nanoclusters by Surface Engineering. Angewandte Chemie, 2020, 132, 8347-8353.	1.6	15
18	Giant Emission Enhancement of Solidâ€State Gold Nanoclusters by Surface Engineering. Angewandte Chemie - International Edition, 2020, 59, 8270-8276.	7.2	63

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19	Wavelength-tunable focusing via a Fresnel zone microsphere. Optics Letters, 2020, 45, 852.	1.7	16
20	Dielectric multi-momentum meta-transformer in the visible. Nature Communications, 2019, 10, 4789.	5.8	82
21	A Single-Step Route to Single-Crystal Molybdenum Disulphide (MoS2) Monolayer domains. Scientific Reports, 2019, 9, 4142.	1.6	5
22	Electrically tunable polarization-insensitive MIM plasmonic metasurface operating in transmission mode. Journal of Optics (United Kingdom), 2019, 21, 055102.	1.0	6
23	Ultraviolet Metasurfaces of â‰ˆ80% Efficiency with Antiferromagnetic Resonances for Optical Vectorial Antiâ€Counterfeiting. Laser and Photonics Reviews, 2019, 13, 1800289.	4.4	63
24	Induced Optical Chirality and Circularly Polarized Emission from Achiral CdSe/ZnS Quantum Dots via Resonantly Coupling with Plasmonic Chiral Metasurfaces. Laser and Photonics Reviews, 2019, 13, 1800276.	4.4	40
25	Resonance-free ultraviolet metaoptics via photon nanosieves. Optics Letters, 2019, 44, 3418.	1.7	6
26	Tunable plasmonic filter based on graphene-layered waveguide. Modern Physics Letters B, 2018, 32, 1850110.	1.0	7
27	Planar Diffractive Lenses: Fundamentals, Functionalities, and Applications. Advanced Materials, 2018, 30, e1704556.	11.1	105
28	Spiniform phase-encoded metagratings entangling arbitrary rational-order orbital angular momentum. Light: Science and Applications, 2018, 7, 17156-17156.	7.7	97
29	Electrically and Optically Tunable Responses in Graphene/Transition-Metal-Dichalcogenide Heterostructures. ACS Applied Materials & Interfaces, 2018, 10, 44102-44108.	4.0	29
30	Electrically and Thermally Tunable Smooth Silicon Metasurfaces for Broadband Terahertz Antireflection. Advanced Optical Materials, 2018, 6, 1800928.	3.6	30
31	Few-layer 1Tâ€² MoTe ₂ as gapless semimetal with thickness dependent carrier transport. 2D Materials, 2018, 5, 031010.	2.0	14
32	Influence of Plasmonic Effect on the Upconversion Emission Characteristics of NaYF₄ Hexagonal Microrods. Inorganic Chemistry, 2018, 57, 8200-8204.	1.9	18
33	Design of an ultrasensitive SPR biosensor based on a graphene-MoS₂ hybrid structure with a MgF₂ prism. Applied Optics, 2018, 57, 3639.	0.9	30
34	Orbital angular momentum generation via a spiral phase microsphere. Optics Letters, 2018, 43, 34.	1.7	34
35	Supercritical focusing coherent anti-Stokes Raman scattering microscopy for high-resolution vibrational imaging. Optics Letters, 2018, 43, 5615.	1.7	8
36	Tunable and reconfigurable metasurfaces and metadevices. Opto-Electronic Advances, 2018, 1, 18000901-18000925.	6.4	272

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37	Sieving Photons for Wavefront Manipulation. , 2018, , .		0
38	Silicon-nitride/oxynitride wavelength demultiplexer and resonators for quantum photonics. , 2018, , .		0
39	A sub-terahertz broadband detector based on a GaN high-electron-mobility transistor with nanoantennas. Applied Physics Express, 2017, 10, 014101.	1.1	21
40	Textured V-Pit Green Light Emitting Diode as a Wavelength-Selective Photodetector for Fast Phosphor-Based White Light Modulation. ACS Photonics, 2017, 4, 443-448.	3.2	14
41	Reconfigurable optical manipulation by phase change material waveguides. Nanoscale, 2017, 9, 6895-6900.	2.8	15
42	Enhancement of responsivity for a transistor terahertz detector by a Fabry-PÃ©rot resonance-cavity. Applied Physics Letters, 2017, 110, .	1.5	9
43	Reconfigurable phase-change photomask for grayscale photolithography. Applied Physics Letters, 2017, 110, .	1.5	22
44	Enhancing circular dichroism by super chiral hot spots from a chiral metasurface with apexes. Applied Physics Letters, 2017, 110, .	1.5	22
45	All-Optical Chirality-Sensitive Sorting via Reversible Lateral Forces in Interference Fields. ACS Nano, 2017, 11, 4292-4300.	7.3	99
46	Photonâ€nanosieve for ultrabroadband and largeâ€angleâ€ofâ€view holograms. Laser and Photonics Reviews, 2017, 11, 1700025.	4.4	43
47	Ultrathin Film Broadband Terahertz Antireflection Coating Based on Impedance Matching Method. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-8.	1.9	8
48	A Supercritical Lens Optical Labelâ€Free Microscopy: Subâ€Diffraction Resolution and Ultraâ€Long Working Distance. Advanced Materials, 2017, 29, 1602721.	11.1	141
49	Unidirectional generation of surface plasmon polaritons by a single right-angled trapezoid metallic nanoslit. Journal Physics D: Applied Physics, 2017, 50, 045101.	1.3	4
50	Three-dimensional supercritical resolved light-induced magnetic holography. Science Advances, 2017, 3, e1701398.	4.7	46
51	Distortion reduction in strong terahertz signals using broadband attenuators with flat transmittance. Journal Physics D: Applied Physics, 2016, 49, 015501.	1.3	3
52	Visibleâ€Frequency Metasurface for Structuring and Spatially Multiplexing Optical Vortices. Advanced Materials, 2016, 28, 2533-2539.	11.1	387
53	Simultaneous coupling of surface plasmon resonance and photonic bandgap to InGaAs quantum well emission. Journal of Applied Physics, 2016, 119, .	1.1	2
54	Evanescent vortex: Optical subwavelength spanner. Applied Physics Letters, 2016, 109, .	1.5	20

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55	Black-wax assisted lift-off and transfer of CVD grown graphene from copper foil substrates to various foreign substrates. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2016, 34, .	0.9	3
56	Nano-sieve meta-holograms. , 2016, , .		0
57	Highly efficient plasmon excitation in graphene-Bi_2Te_3 heterostructure. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 1842.	0.9	16
58	Ultrahigh photoconductivity of bandgap-graded CdSxSe1â^'x nanowires probed by terahertz spectroscopy. Scientific Reports, 2016, 6, 27387.	1.6	15
59	Efficient Excitation of Multiple Plasmonic Modes on Three-Dimensional Graphene: An Unexplored Dimension. ACS Photonics, 2016, 3, 1986-1992.	3.2	42
60	Silicon multiâ€metaâ€holograms for the broadband visible light. Laser and Photonics Reviews, 2016, 10, 500-509.	4.4	181
61	Flat Helical Nanosieves. Advanced Functional Materials, 2016, 26, 5255-5262.	7.8	64
62	A Novel Chiral Metasurface with Controllable Circular Dichroism Induced by Coupling Localized and Propagating Modes. Advanced Optical Materials, 2016, 4, 883-888.	3.6	53
63	Edge plasmons and cut-off behavior of graphene nano-ribbon waveguides. Optics Communications, 2016, 370, 226-230.	1.0	26
64	Sub-wavelength nano-electrode structures to improve the performance of terahertz photomixers. , 2016, , .		0
65	Modelling of GaN HEMTs as Terahertz Detectors Based on Self-Mixing. Procedia Engineering, 2016, 141, 98-102.	1.2	7
66	On-chip integrated optofluidic complex refractive index sensing using silicon photonic crystal nanobeam cavities. Optics Letters, 2016, 41, 1197.	1.7	50
67	Optically reconfigurable metasurfaces and photonic devices based on phase change materials. Nature Photonics, 2016, 10, 60-65.	15.6	918
68	Hybrid bilayer plasmonic metasurface efficiently manipulates visible light. Science Advances, 2016, 2, e1501168.	4.7	278
69	Polarization-Independent Multiple Fano Resonances in Plasmonic Nonamers for Multimode-Matching Enhanced Multiband Second-Harmonic Generation. ACS Nano, 2016, 10, 1442-1453.	7.3	140
70	On-chip discrimination of orbital angular momentum of light with plasmonic nanoslits. Nanoscale, 2016, 8, 2227-2233.	2.8	76
71	Metamaterials Empowered THz Components. , 2016, , .		0
72	Broadband spinâ€controlled focusing via logarithmicâ€spiral nanoslits of varying width. Laser and Photonics Reviews, 2015, 9, 674-681.	4.4	17

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73	Fast Electrical Modulation in a Plasmonicâ€Enhanced, Vâ€Pitâ€Textured, Lightâ€Emitting Diode. Advanced Optical Materials, 2015, 3, 1703-1709.	3.6	14
74	Branchlike nano-electrodes for enhanced terahertz emission in photomixers. Nanotechnology, 2015, 26, 255201.	1.3	8
75	Optical properties and bonding behaviors of InSbN alloys grown by metal-organic chemical vapor deposition. Journal of Crystal Growth, 2015, 416, 12-16.	0.7	12
76	Effects of H 2 /CO blend ratio on radiated power of micro combustor/emitter. Applied Thermal Engineering, 2015, 86, 178-186.	3.0	35
77	The development of a wideband and angle-insensitive metamaterial filter with extraordinary infrared transmission for micro-thermophotovoltaics. Journal of Materials Chemistry C, 2015, 3, 3552-3558.	2.7	32
78	Ultrahigh-capacity non-periodic photon sieves operating in visible light. Nature Communications, 2015, 6, 7059.	5.8	154
79	Sandwich-structured Fe₂O₃@SiO₂@Au nanoparticles with magnetoplasmonic responses. Journal of Materials Chemistry C, 2015, 3, 11645-11652.	2.7	13
80	ENGINEERING PLASMONIC COLORS IN METAL NANOSTRUCTURES. Journal of Molecular and Engineering Materials, 2014, 02, 1440011.	0.9	7
81	GENERATION OF OPTICAL VORTEX BEAMS BY COMPACT STRUCTURES. Journal of Molecular and Engineering Materials, 2014, 02, 1440013.	0.9	15
82	Nanoscale smoothing of plasmonic films and structures using gas cluster ion beam irradiation. Applied Physics A: Materials Science and Processing, 2014, 117, 719-723.	1.1	14
83	High aspect ratio SiNW arrays with Ag nanoparticles decoration for strong SERS detection. Nanotechnology, 2014, 25, 465707.	1.3	35
84	Effect of dielectric cladding on active plasmonic device based on InGaAsP multiple quantum wells. Optics Express, 2014, 22, 25599.	1.7	5
85	Publisher's Note: Monolayer graphene photonic metastructures: Giant Faraday rotation and nearly perfect transmission [Phys. Rev. B88, 205405 (2013)]. Physical Review B, 2014, 90, .	1.1	0
86	Three-dimensional visible-light capsule enclosing perfect supersized darkness via antiresolution. Laser and Photonics Reviews, 2014, 8, 743-749.	4.4	19
87	Manipulating DC Currents with Bilayer Bulk Natural Materials. Advanced Materials, 2014, 26, 3478-3483.	11.1	68
88	Creation of vectorial bottle-hollow beam using radially or azimuthally polarized light. Optics Letters, 2014, 39, 630.	1.7	41
89	Ultra-thin low loss Si3N4 optical waveguides at 1310 nm. Proceedings of SPIE, 2014, , .	0.8	0
90	Effect of SiO2â€“metalâ€“SiO2 plasmonic structures on InGaAs/GaAs quantum well intermixing. Applied Physics A: Materials Science and Processing, 2014, 117, 517-521.	1.1	4

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91	Analysis of entropy generation distribution in micro-combustors with baffles. International Journal of Hydrogen Energy, 2014, 39, 8118-8125.	3.8	44
92	Simultaneous enhancement of electron overflow reduction and hole injection promotion by tailoring the last quantum barrier in InGaN/GaN light-emitting diodes. Applied Physics Letters, 2014, 104, .	1.5	14
93	Polarization independent broadband terahertz antireflection by deepâ€subwavelength thin metallic mesh. Laser and Photonics Reviews, 2014, 8, 941-945.	4.4	20
94	Twisted Focusing of Optical Vortices with Broadband Flat Spiral Zone Plates. Advanced Optical Materials, 2014, 2, 1193-1198.	3.6	50
95	Fractal Holey Metal Microlenses with Significantly Suppressed Side Lobes and Highâ€Order Diffractions in Focusing. Advanced Optical Materials, 2014, 2, 487-492.	3.6	15
96	Insitu gold-loaded titania photonic crystals with enhanced photocatalytic activity. Journal of Materials Chemistry A, 2014, 2, 545-553.	5.2	73
97	High sensitivity molecule detection by plasmonic nanoantennas with selective binding at electromagnetic hotspots. Nanoscale, 2014, 6, 1416-1422.	2.8	36
98	Fluid-enabled significant enhancement and active tuning of magnetic resonances in free-standing plasmonic metamaterials. Nanoscale, 2014, 6, 11106-11111.	2.8	11
99	Atomic layer deposition of a MoS₂film. Nanoscale, 2014, 6, 10584-10588.	2.8	335
100	Enhancement of GaAs/InGaAs quantum well emission by disordered gold nanoparticle arrays. Applied Physics A: Materials Science and Processing, 2014, 115, 487-490.	1.1	0
101	Dual metamaterial structures generated from an one-step fabrication using stencil lithography. Applied Physics A: Materials Science and Processing, 2014, 116, 907-912.	1.1	5
102	Tunable broadband transmission and phase modulation of light through graphene multilayers. Journal of Applied Physics, 2014, 115, .	1.1	24
103	Design and fabrication of broadband ultralow reflectivity black Si surfaces by laser micro/nanoprocessing. Light: Science and Applications, 2014, 3, e185-e185.	7.7	257
104	Sub-30 nm thick plasmonic films and structures with ultralow loss. Nanoscale, 2014, 6, 3243-3249.	2.8	8
105	Fabrication of Well-Ordered Binary Colloidal Crystals with Extended Size Ratios for Broadband Reflectance. ACS Applied Materials & Interfaces, 2014, 6, 10265-10273.	4.0	31
106	Optimization-free superoscillatory lens using phase and amplitude masks. Laser and Photonics Reviews, 2014, 8, 152-157.	4.4	149
107	Effects of lift-off and strain relaxation on optical properties of InGaN/GaN blue LED grown on 150mm diameter Si (111) substrate. Journal of Crystal Growth, 2014, 402, 155-160.	0.7	15
108	Laser Hybrid Micro/nano-structuring of Si Surfaces in Air and its Applications for SERS Detection. Scientific Reports, 2014, 4, 6657.	1.6	51

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109	Creation of a longitudinally polarized subwavelength hotspot with an ultra-thin planar lens: vectorial Rayleighâ€"Sommerfeld method. Laser Physics Letters, 2013, 10, 065004.	0.6	53
110	Direct and accurate patterning of plasmonic nanostructures with ultrasmall gaps. Nanoscale, 2013, 5, 4309.	2.8	35
111	Monolayer graphene photonic metastructures: Giant Faraday rotation and nearly perfect transmission. Physical Review B, 2013, 88, .	1.1	46
112	Subwavelength superfocusing with a dipole-wave-reciprocal binary zone plate. Applied Physics Letters, 2013, 102, .	1.5	11
113	Resonance Switchable Metamaterials Using MEMS Fabrications. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 4700306-4700306.	1.9	20
114	Direct Optical Tuning of the Terahertz Plasmonic Response of InSb Subwavelength Gratings. Advanced Optical Materials, 2013, 1, 128-132.	3.6	71
115	Plasmonic metal nanostructure array by glancing angle deposition for biosensing application. Sensors and Actuators B: Chemical, 2013, 183, 310-318.	4.0	15
116	Optical Magnetic Resonances in Subwavelength Agâ€"MgF2â€"Ag Grating Structures. Plasmonics, 2013, 8, 1221-1226.	1.8	6
117	In Situ â€œDopingâ€•Inverse Silica Opals with Size-Controllable Gold Nanoparticles for Refractive Index Sensing. Journal of Physical Chemistry C, 2013, 117, 9440-9445.	1.5	48
118	New Approach for Multilayered Microstructures Fabrication Based on a Water-Soluble Backing Substrate. ACS Applied Materials & Interfaces, 2013, 5, 5898-5902.	4.0	5
119	Reflective plasmonic color filters based on lithographically patterned silver nanorod arrays. Nanoscale, 2013, 5, 6243.	2.8	168
120	Effect of rapid thermal annealing on behavior of nitrogen in GaAsN alloys. Journal of Crystal Growth, 2013, 362, 197-201.	0.7	10
121	PLASMONIC NANOLITHOGRAPHY: TOWARDS NEXT GENERATION NANOPATTERNING. Journal of Molecular and Engineering Materials, 2013, 01, 1250005.	0.9	14
122	Perfect Broadband Terahertz Antireflection by Deepâ€Subwavelength, Thin, Lamellar Metallic Gratings. Advanced Optical Materials, 2013, 1, 910-914.	3.6	15
123	Coupling of surface plasmon with InGaAs/GaAs quantum well emission by gold nanodisk arrays. Applied Optics, 2013, 52, 3698.	0.9	2
124	Surface plasmon enhanced photoluminescence in gold capped InGaAs quantum well nanodisk array. Optical Materials Express, 2013, 3, 2003.	1.6	7
125	Graphene-polymer multilayer heterostructure for terahertz metamaterials. , 2013, , .		5
126	Active near infrared linear polarizer based on VO2 phase transition. Journal of Applied Physics, 2013, 114, 163103.	1.1	18

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127	Azo-dye-doped absorbing photonic crystals with purely imaginary refractive index contrast and all-optically switchable diffraction properties. Optical Materials Express, 2012, 2, 55.	1.6	9
128	Metal-assisted photonic mode for ultrasmall bending with long propagation length at visible wavelengths. Optics Express, 2012, 20, 23898.	1.7	11
129	Surface plasmon enhanced optical transmission through subwavelength apertures with carbon nanotubes. , 2012, , .		0
130	Plasmonic coupling in separated graphene sheets. , 2012, , .		0
131	Ultrathin multi-band planar metamaterial absorber based on standing wave resonances. Optics Express, 2012, 20, 27756.	1.7	124
132	Radio frequency plasma pre-treatment for selective electroless Ag coating of three dimensional SU-8 microstructures. , 2012, , .		3
133	Fabrication of Large Domain Crack-Free Colloidal Crystal Heterostructures with Superposition Bandgaps Using Hydrophobic Polystyrene Spheres. ACS Applied Materials & Interfaces, 2012, 4, 5562-5569.	4.0	68
134	Nanoimprinted ultrafine line and space nanogratings for liquid crystal alignment. Nanotechnology, 2012, 23, 465302.	1.3	14
135	Magnetic-electric interference in metal-dielectric-metal oligomers: generation of magneto-electric Fano resonance. Optical Materials Express, 2012, 2, 1407.	1.6	28
136	Shaping the profile of photonic crystal nanorods. , 2012, , .		0
137	Fabrication of nanoarms and nanotips via focused ion beam milling. , 2012, , .		0
138	Ultrasmooth Silver Thin Film on PEDOT:PSS Nucleation Layer for Extended Surface Plasmon Propagation. ACS Applied Materials & Interfaces, 2012, 4, 1247-1253.	4.0	51
139	Highly ordered and gap controllable two-dimensional non-close-packed colloidal crystals and plasmonicâ€"photonic crystals with enhanced optical transmission. Journal of Materials Chemistry, 2012, 22, 24668.	6.7	39
140	An atomic ordering based AlInP unicompositional quantum well grown by MOVPE. Journal of Crystal Growth, 2012, 356, 1-3.	0.7	1
141	Optically switchable photonic crystals based on inverse opals partially infiltrated by photoresponsive liquid crystals. Journal of Materials Chemistry, 2012, 22, 7609.	6.7	32
142	Solution epitaxy of patterned ZnO nanorod arrays by interference lithography. Progress in Crystal Growth and Characterization of Materials, 2012, 58, 135-144.	1.8	2
143	Strong Coupling of Surface Plasmon Polaritons in Monolayer Graphene Sheet Arrays. Physical Review Letters, 2012, 109, 073901.	2.9	217
144	Subwavelength-Sized Plasmonic Structures for Wide-Field Optical Microscopic Imaging with Super-Resolution. Plasmonics, 2012, 7, 427-433.	1.8	29

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145	High Aspect Subdiffraction-Limit Photolithography via a Silver Superlens. Nano Letters, 2012, 12, 1549-1554.	4.5	72
146	Micromachined switchable metamaterial with dual resonance. Applied Physics Letters, 2012, 101, 151902.	1.5	46
147	Enhanced photoelectrochemical performance of bridged ZnO nanorod arrays grown on V-grooved structure. Nanotechnology, 2012, 23, 365704.	1.3	6
148	Optical coupling of surface plasmons between graphene sheets. Applied Physics Letters, 2012, 100, .	1.5	291
149	High Contrast Superlens Lithography Engineered by Loss Reduction. Advanced Functional Materials, 2012, 22, 3777-3783.	7.8	32
150	Lightâ€Driven Plasmonic Color Filters by Overlaying Photoresponsive Liquid Crystals on Gold Annular Aperture Arrays. Advanced Materials, 2012, 24, OP131-5.	11.1	117
151	Broadband Terahertz Plasmonic Response of Touching InSb Disks. Advanced Materials, 2012, 24, OP226-30.	11.1	59
152	Optically tunable plasmonic color filters. Applied Physics A: Materials Science and Processing, 2012, 107, 49-54.	1.1	42
153	Plasmonic Effect Enhancement in Ridgeâ€"Trench Structure Assisted by Fluorescence Dye. Plasmonics, 2012, 7, 19-24.	1.8	0
154	Frequency control of surface plasmons with oscillating metal-insulator-metal waveguides. Applied Physics A: Materials Science and Processing, 2012, 107, 43-48.	1.1	4
155	Waveguiding effect in 2D metalâ€"dielectricâ€"metal grating structure. Applied Physics A: Materials Science and Processing, 2012, 107, 127-132.	1.1	2
156	Solvent effect on the self-assembly of colloidal microspheres via a horizontal deposition method. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 402, 37-44.	2.3	31
157	An improved convective self-assembly method for the fabrication of binary colloidal crystals and inverse structures. Journal of Colloid and Interface Science, 2012, 380, 42-50.	5.0	34
158	Optical Coupling in Layered Graphene Sheets. , 2012, , .		0
159	Fabrication of TiO₂ Binary Inverse Opals without Overlayers via the Sandwich-Vacuum Infiltration of Precursor. Langmuir, 2011, 27, 5157-5164.	1.6	72
160	Gain-assisted propagation of surface plasmon polaritons using electrically pumped quantum wells as active medium. Proceedings of SPIE, 2011, , .	0.8	0
161	Polarization dependent state to polarization independent state change in THz metamaterials. Applied Physics Letters, 2011, 99, 221102.	1.5	60
162	Self-Assembly of Crack-Free Silica Colloidal Crystals on Patterned Silicon Substrates. Journal of Physical Chemistry C, 2011, 115, 9970-9976.	1.5	22

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163	OPTICAL METAMATERIALS AND SUPER-RESOLUTION IMAGING. Cosmos, 2011, 07, 43-63.	0.4	0
164	Effect of Surface Morphology on the Optical Properties in Metalâˆ'Dielectricâˆ'Metal Thin Film Systems. ACS Applied Materials & Interfaces, 2011, 3, 1148-1153.	4.0	41
165	Distortion of terahertz signals due to imperfect synchronization with chirped probe pulses. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2011, 28, 2049.	0.8	3
166	Short-range surface plasmon propagation supported by stimulated amplification using electrical injection. Optics Express, 2011, 19, 22107.	1.7	15
167	Selective electroless silver plating of three dimensional SU-8 microstructures on silicon for metamaterials applications. Optical Materials Express, 2011, 1, 1548.	1.6	31
168	Single-material-based multilayered nanostructures fabrication via reverse thermal nanoimprinting. Microelectronic Engineering, 2011, 88, 2946-2950.	1.1	10
169	Design and fabrication of subwavelength nanogratings based light-emitting diodes. Applied Physics A: Materials Science and Processing, 2011, 103, 827-830.	1.1	3
170	Electrically switchable two-dimensional photonic crystals made ofÂpolymer-dispersed liquid crystals based onÂtheÂTalbotÂself-imaging effect. Applied Physics B: Lasers and Optics, 2011, 104, 659-663.	1.1	10
171	Optical Transmission Enhancement and Tuning by Overlaying Liquid Crystals on a Gold Film with Patterned Nanoholes. Plasmonics, 2011, 6, 659-664.	1.8	30
172	A Micromachined Reconfigurable Metamaterial via Reconfiguration of Asymmetric Splitâ€Ring Resonators. Advanced Functional Materials, 2011, 21, 3589-3594.	7.8	170
173	Switchable Magnetic Metamaterials Using Micromachining Processes. Advanced Materials, 2011, 23, 1792-1796.	11.1	228
174	Bandgap engineering of 1.3Î¼m quantum dot structures for terahertz (THz) emission. Journal of Crystal Growth, 2011, 323, 211-214.	0.7	5
175	Inelastic scattering of surface plasmons in oscillating metallic waveguides. Applied Physics Letters, 2011, 98, 263111.	1.5	10
176	Annular aperture array based color filter. Applied Physics Letters, 2011, 99, .	1.5	99
177	To realize the optimal probe pulse length for detection of pulsed terahertz signal with spectral-encoding technique. Applied Physics Letters, 2011, 98, .	1.5	1
178	Subwavelength lithography by waveguide mode interference. Applied Physics Letters, 2011, 99, 151106.	1.5	16
179	Photonic crystal structures with ultrahigh aspect ratio in lithium niobate fabricated by focused ion beam milling. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2011, 29, .	0.6	47
180	Gain-assisted propagation of surface plasmon polaritons using electrically-pumped quantum wells as active medium. , 2011, , .		0

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