

Jing-Hua Teng

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202
papers

7,088
citations

41
h-index

78
g-index

226
ext. papers

8,418
ext. citations

6.7
avg, IF

5.96
L-index

#	Paper	IF	Citations
202	Optically reconfigurable metasurfaces and photonic devices based on phase change materials. <i>Nature Photonics</i> , 2016 , 10, 60-65	33.9	652
201	Visible-Frequency Metasurface for Structuring and Spatially Multiplexing Optical Vortices. <i>Advanced Materials</i> , 2016 , 28, 2533-9	24	289
200	Atomic layer deposition of a MoS ₂ film. <i>Nanoscale</i> , 2014 , 6, 10584-8	7.7	276
199	Optical coupling of surface plasmons between graphene sheets. <i>Applied Physics Letters</i> , 2012 , 100, 13111-14	11.4	260
198	Hybrid bilayer plasmonic metasurface efficiently manipulates visible light. <i>Science Advances</i> , 2016 , 2, e1501168	14.3	218
197	Design and fabrication of broadband ultralow reflectivity black Si surfaces by laser micro/nanoprocessing. <i>Light: Science and Applications</i> , 2014 , 3, e185-e185	16.7	208
196	Tunable and reconfigurable metasurfaces and metadevices. <i>Opto-Electronic Advances</i> , 2018 , 1, 180009016-18000925	16.3	195
195	Strong coupling of surface plasmon polaritons in monolayer graphene sheet arrays. <i>Physical Review Letters</i> , 2012 , 109, 073901	7.4	189
194	Switchable magnetic metamaterials using micromachining processes. <i>Advanced Materials</i> , 2011 , 23, 1792-6	2.6	167
193	Silicon multi-meta-holograms for the broadband visible light. <i>Laser and Photonics Reviews</i> , 2016 , 10, 500-509	8.9	143
192	Enhanced surface plasmon resonance on a smooth silver film with a seed growth layer. <i>ACS Nano</i> , 2010 , 4, 3139-46	16.7	141
191	A Micromachined Reconfigurable Metamaterial via Reconfiguration of Asymmetric Split-Ring Resonators. <i>Advanced Functional Materials</i> , 2011 , 21, 3589-3594	15.6	135
190	Reflective plasmonic color filters based on lithographically patterned silver nanorod arrays. <i>Nanoscale</i> , 2013 , 5, 6243-8	7.7	130
189	Ultrahigh-capacity non-periodic photon sieves operating in visible light. <i>Nature Communications</i> , 2015 , 6, 7059	17.4	113
188	Polarization-Independent Multiple Fano Resonances in Plasmonic Nonamers for Multimode-Matching Enhanced Multiband Second-Harmonic Generation. <i>ACS Nano</i> , 2016 , 10, 1442-53	16.7	111
187	Optimization-free superoscillatory lens using phase and amplitude masks. <i>Laser and Photonics Reviews</i> , 2014 , 8, 152-157	8.3	109
186	Ultrathin multi-band planar metamaterial absorber based on standing wave resonances. <i>Optics Express</i> , 2012 , 20, 27756-65	3.3	107

185	Light-driven plasmonic color filters by overlaying photoresponsive liquid crystals on gold annular aperture arrays. <i>Advanced Materials</i> , 2012 , 24, OP131-5	24	98
184	A Supercritical Lens Optical Label-Free Microscopy: Sub-Diffraction Resolution and Ultra-Long Working Distance. <i>Advanced Materials</i> , 2017 , 29, 1602721	24	96
183	Annular aperture array based color filter. <i>Applied Physics Letters</i> , 2011 , 99, 033105	3.4	84
182	Lasing in GaN microdisks pivoted on Si. <i>Applied Physics Letters</i> , 2006 , 89, 211101	3.4	73
181	All-Optical Chirality-Sensitive Sorting via Reversible Lateral Forces in Interference Fields. <i>ACS Nano</i> , 2017 , 11, 4292-4300	16.7	69
180	Fabrication of TiO ₂ binary inverse opals without overlayers via the sandwich-vacuum infiltration of precursor. <i>Langmuir</i> , 2011 , 27, 5157-64	4	69
179	In situ gold-loaded titania photonic crystals with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 545-553	13	68
178	Planar Diffractive Lenses: Fundamentals, Functionalities, and Applications. <i>Advanced Materials</i> , 2018 , 30, e1704556	24	67
177	High aspect subdiffraction-limit photolithography via a silver superlens. <i>Nano Letters</i> , 2012 , 12, 1549-54	11.5	65
176	Spiniform phase-encoded metagratings entangling arbitrary rational-order orbital angular momentum. <i>Light: Science and Applications</i> , 2018 , 7, 17156	16.7	64
175	High oscillator strength interlayer excitons in two-dimensional heterostructures for mid-infrared photodetection. <i>Nature Nanotechnology</i> , 2020 , 15, 675-682	28.7	56
174	Fabrication of large domain crack-free colloidal crystal heterostructures with superposition bandgaps using hydrophobic polystyrene spheres. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 5562-9	9.5	55
173	On-chip discrimination of orbital angular momentum of light with plasmonic nanoslits. <i>Nanoscale</i> , 2016 , 8, 2227-33	7.7	54
172	Manipulating DC currents with bilayer bulk natural materials. <i>Advanced Materials</i> , 2014 , 26, 3478-83	24	53
171	From colloidal particles to photonic crystals: advances in self-assembly and their emerging applications. <i>Chemical Society Reviews</i> , 2021 , 50, 5898-5951	58.5	51
170	Dielectric multi-momentum meta-transformer in the visible. <i>Nature Communications</i> , 2019 , 10, 4789	17.4	50
169	Ultrasoother silver thin film on PEDOT:PSS nucleation layer for extended surface plasmon propagation. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 1247-53	9.5	50
168	Direct Optical Tuning of the Terahertz Plasmonic Response of InSb Subwavelength Gratings. <i>Advanced Optical Materials</i> , 2013 , 1, 128-132	8.1	49

167	Flat Helical Nanosieves. <i>Advanced Functional Materials</i> , 2016 , 26, 5255-5262	15.6	48
166	Polarization dependent state to polarization independent state change in THz metamaterials. <i>Applied Physics Letters</i> , 2011 , 99, 221102	3.4	47
165	Broadband terahertz plasmonic response of touching InSb disks. <i>Advanced Materials</i> , 2012 , 24, OP226-304	3.4	46
164	In Situ Doping Inverse Silica Opals with Size-Controllable Gold Nanoparticles for Refractive Index Sensing. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 9440-9445	3.8	45
163	Creation of a longitudinally polarized subwavelength hotspot with an ultra-thin planar lens: vectorial Rayleigh-Sommerfeld method. <i>Laser Physics Letters</i> , 2013 , 10, 065004	1.5	44
162	Mimicking domino-like photonic nanostructures on butterfly wings. <i>Small</i> , 2009 , 5, 574-8	11	42
161	On-chip integrated optofluidic complex refractive index sensing using silicon photonic crystal nanobeam cavities. <i>Optics Letters</i> , 2016 , 41, 1197-200	3	40
160	Twisted Focusing of Optical Vortices with Broadband Flat Spiral Zone Plates. <i>Advanced Optical Materials</i> , 2014 , 2, 1193-1198	8.1	40
159	Monolayer graphene photonic metastructures: Giant Faraday rotation and nearly perfect transmission. <i>Physical Review B</i> , 2013 , 88,	3.3	39
158	Analysis of entropy generation distribution in micro-combustors with baffles. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 8118-8125	6.7	38
157	Micromachined switchable metamaterial with dual resonance. <i>Applied Physics Letters</i> , 2012 , 101, 151902	3.4	38
156	Printable two-dimensional superconducting monolayers. <i>Nature Materials</i> , 2021 , 20, 181-187	27	38
155	Highly ordered and gap controllable two-dimensional non-close-packed colloidal crystals and plasmonic photonic crystals with enhanced optical transmission. <i>Journal of Materials Chemistry</i> , 2012 , 22, 24668		37
154	An Ultracompact Directional Coupler Based on GaAs Cross-Slot Waveguide. <i>IEEE Photonics Technology Letters</i> , 2010 , 22, 1324-1326	2.2	37
153	Cool white III-nitride light emitting diodes based on phosphor-free indium-rich InGaN nanostructures. <i>Applied Physics Letters</i> , 2008 , 92, 261909	3.4	37
152	Three-dimensional supercritical resolved light-induced magnetic holography. <i>Science Advances</i> , 2017 , 3, e1701398	14.3	36
151	Ultraviolet Metasurfaces of 80% Efficiency with Antiferromagnetic Resonances for Optical Vectorial Anti-Counterfeiting. <i>Laser and Photonics Reviews</i> , 2019 , 13, 1800289	8.3	36
150	Creation of vectorial bottle-hollow beam using radially or azimuthally polarized light. <i>Optics Letters</i> , 2014 , 39, 630-3	3	36

149	Photonic crystal structures with ultrahigh aspect ratio in lithium niobate fabricated by focused ion beam milling. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2011 , 29, 021205	1.3	36
148	A Novel Chiral Metasurface with Controllable Circular Dichroism Induced by Coupling Localized and Propagating Modes. <i>Advanced Optical Materials</i> , 2016 , 4, 883-888	8.1	35
147	Optically tunable plasmonic color filters. <i>Applied Physics A: Materials Science and Processing</i> , 2012 , 107, 49-54	2.6	35
146	Effect of surface morphology on the optical properties in metal-dielectric-metal thin film systems. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 1148-53	9.5	35
145	Efficient Excitation of Multiple Plasmonic Modes on Three-Dimensional Graphene: An Unexplored Dimension. <i>ACS Photonics</i> , 2016 , 3, 1986-1992	6.3	34
144	Linearly polarized light emission from InGaN light emitting diode with subwavelength metallic nanograting. <i>Applied Physics Letters</i> , 2009 , 95, 261110	3.4	34
143	An improved convective self-assembly method for the fabrication of binary colloidal crystals and inverse structures. <i>Journal of Colloid and Interface Science</i> , 2012 , 380, 42-50	9.3	33
142	Suspended slab and photonic crystal waveguides in lithium niobate. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2010 , 28, 316-320	1.3	33
141	Laser hybrid micro/nano-structuring of Si surfaces in air and its applications for SERS detection. <i>Scientific Reports</i> , 2014 , 4, 6657	4.9	31
140	High sensitivity molecule detection by plasmonic nanoantennas with selective binding at electromagnetic hotspots. <i>Nanoscale</i> , 2014 , 6, 1416-22	7.7	30
139	Direct and accurate patterning of plasmonic nanostructures with ultrasmall gaps. <i>Nanoscale</i> , 2013 , 5, 4309-13	7.7	30
138	Photon-nanosieve for ultrabroadband and large-angle-of-view holograms. <i>Laser and Photonics Reviews</i> , 2017 , 11, 1700025	8.3	28
137	Effects of H ₂ /CO blend ratio on radiated power of micro combustor/emitter. <i>Applied Thermal Engineering</i> , 2015 , 86, 178-186	5.8	28
136	High aspect ratio SiNW arrays with Ag nanoparticles decoration for strong SERS detection. <i>Nanotechnology</i> , 2014 , 25, 465707	3.4	28
135	Optically switchable photonic crystals based on inverse opals partially infiltrated by photoresponsive liquid crystals. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7609		28
134	Solvent effect on the self-assembly of colloidal microspheres via a horizontal deposition method. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012 , 402, 37-44	5.1	28
133	Giant Emission Enhancement of Solid-State Gold Nanoclusters by Surface Engineering. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8270-8276	16.4	28
132	Selective electroless silver plating of three dimensional SU-8 microstructures on silicon for metamaterials applications. <i>Optical Materials Express</i> , 2011 , 1, 1548	2.6	27

131	Optical Transmission Enhancement and Tuning by Overlaying Liquid Crystals on a Gold Film with Patterned Nanoholes. <i>Plasmonics</i> , 2011 , 6, 659-664	2.4	27
130	The development of a wideband and angle-insensitive metamaterial filter with extraordinary infrared transmission for micro-thermophotovoltaics. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3552-3558 ¹	7.1	26
129	Orbital angular momentum generation via a spiral phase microsphere. <i>Optics Letters</i> , 2018 , 43, 34-37	3	26
128	Fabrication of well-ordered binary colloidal crystals with extended size ratios for broadband reflectance. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 10265-73	9.5	26
127	Magnetic-electric interference in metal-dielectric-metal oligomers: generation of magneto-electric Fano resonance. <i>Optical Materials Express</i> , 2012 , 2, 1407	2.6	26
126	High Contrast Superlens Lithography Engineered by Loss Reduction. <i>Advanced Functional Materials</i> , 2012 , 22, 3777-3783	15.6	26
125	Subwavelength-Sized Plasmonic Structures for Wide-Field Optical Microscopic Imaging with Super-Resolution. <i>Plasmonics</i> , 2012 , 7, 427-433	2.4	25
124	Induced Optical Chirality and Circularly Polarized Emission from Achiral CdSe/ZnS Quantum Dots via Resonantly Coupling with Plasmonic Chiral Metasurfaces. <i>Laser and Photonics Reviews</i> , 2019 , 13, 1800276	8.3	25
123	Controlled group V intermixing in InGaAsP quantum well structures and its application to the fabrication of two section tunable lasers. <i>Journal of Applied Physics</i> , 2002 , 92, 4330-4335	2.5	24
122	Optimization of hydrothermal growth ZnO Nanorods for enhancement of light extraction from GaN blue LEDs. <i>Journal of Crystal Growth</i> , 2010 , 312, 1848-1854	1.6	23
121	Tunable broadband transmission and phase modulation of light through graphene multilayers. <i>Journal of Applied Physics</i> , 2014 , 115, 213102	2.5	22
120	Self-Assembly of Crack-Free Silica Colloidal Crystals on Patterned Silicon Substrates. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 9970-9976	3.8	21
119	Surface plasmon-coupled emission on metallic film coated with dye-doped polymer nanogratings. <i>Applied Physics Letters</i> , 2010 , 97, 231117	3.4	21
118	Edge plasmons and cut-off behavior of graphene nano-ribbon waveguides. <i>Optics Communications</i> , 2016 , 370, 226-230	2	20
117	Electrically and Thermally Tunable Smooth Silicon Metasurfaces for Broadband Terahertz Antireflection. <i>Advanced Optical Materials</i> , 2018 , 6, 1800928	8.1	20
116	Design of an ultrasensitive SPR biosensor based on a graphene-MoS hybrid structure with a MgF prism. <i>Applied Optics</i> , 2018 , 57, 3639-3644	1.7	19
115	Nanoepitaxy to improve the efficiency of InGaN light-emitting diodes. <i>Applied Physics Letters</i> , 2008 , 92, 243126	3.4	18
114	A sub-terahertz broadband detector based on a GaN high-electron-mobility transistor with nanoantennas. <i>Applied Physics Express</i> , 2017 , 10, 014101	2.4	17

113	Polarization independent broadband terahertz antireflection by deep-subwavelength thin metallic mesh. <i>Laser and Photonics Reviews</i> , 2014 , 8, 941-945	8.3	17
112	Resonance Switchable Metamaterials Using MEMS Fabrications. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2013 , 19, 4700306-4700306	3.8	17
111	Optical and microstructural properties versus indium content in In _x Ga _{1-x} N films grown by metal organic chemical vapor deposition. <i>Applied Physics Letters</i> , 2010 , 96, 191909	3.4	16
110	Reconfigurable phase-change photomask for grayscale photolithography. <i>Applied Physics Letters</i> , 2017 , 110, 201110	3.4	15
109	Enhancing circular dichroism by super chiral hot spots from a chiral metasurface with apexes. <i>Applied Physics Letters</i> , 2017 , 110, 221108	3.4	15
108	Broadband spin-controlled focusing via logarithmic-spiral nanoslits of varying width. <i>Laser and Photonics Reviews</i> , 2015 , 9, 674-681	8.3	15
107	Three-dimensional visible-light capsule enclosing perfect supersized darkness via antiresolution. <i>Laser and Photonics Reviews</i> , 2014 , 8, 743-749	8.3	15
106	A New Method for Lift-off of III-Nitride Semiconductors for Heterogeneous Integration. <i>Nanoscale Research Letters</i> , 2010 , 5, 1051-6	5	15
105	Colloidal woodpile structure: three-dimensional photonic crystal with a dual periodicity. <i>Langmuir</i> , 2006 , 22, 7001-6	4	15
104	Evanescence vortex: Optical subwavelength spanner. <i>Applied Physics Letters</i> , 2016 , 109, 191107	3.4	14
103	Highly efficient plasmon excitation in graphene-Bi ₂ Te ₃ heterostructure. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016 , 33, 1842	1.7	14
102	Electrically and Optically Tunable Responses in Graphene/Transition-Metal-Dichalcogenide Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 44102-44108	9.5	14
101	Simultaneous enhancement of electron overflow reduction and hole injection promotion by tailoring the last quantum barrier in InGaN/GaN light-emitting diodes. <i>Applied Physics Letters</i> , 2014 , 104, 161113	3.4	13
100	Subwavelength lithography by waveguide mode interference. <i>Applied Physics Letters</i> , 2011 , 99, 151106	3.4	13
99	A 1 μ m optical switch using one multimode interference region. <i>Optics Communications</i> , 2008 , 281, 4616-4618		13
98	Sandwich-structured Fe ₂ O ₃ @SiO ₂ @Au nanoparticles with magnetoplasmonic responses. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 11645-11652	7.1	12
97	Effects of lift-off and strain relaxation on optical properties of InGaN/GaN blue LED grown on 150mm diameter Si (111) substrate. <i>Journal of Crystal Growth</i> , 2014 , 402, 155-160	1.6	12
96	Fast Electrical Modulation in a Plasmonic-Enhanced, V-Pit-Textured, Light-Emitting Diode. <i>Advanced Optical Materials</i> , 2015 , 3, 1703-1709	8.1	12

95	Perfect Broadband Terahertz Antireflection by Deep-Subwavelength, Thin, Lamellar Metallic Gratings. <i>Advanced Optical Materials</i> , 2013 , 1, 910-914	8.1	12
94	Active near infrared linear polarizer based on VO ₂ phase transition. <i>Journal of Applied Physics</i> , 2013 , 114, 163103	2.5	12
93	Continuous-wave operation of AlGaInP/GaInP quantum-well lasers grown by metalorganic chemical vapor deposition using tertiarybutylphosphine. <i>Journal of Applied Physics</i> , 2004 , 95, 5252-5254	2.5	12
92	Ultrahigh photoconductivity of bandgap-graded CdS _x Se _{1-x} nanowires probed by terahertz spectroscopy. <i>Scientific Reports</i> , 2016 , 6, 27387	4.9	11
91	Fluid-enabled significant enhancement and active tuning of magnetic resonances in free-standing plasmonic metamaterials. <i>Nanoscale</i> , 2014 , 6, 11106-11	7.7	11
90	Nanoimprinted ultrafine line and space nanogratings for liquid crystal alignment. <i>Nanotechnology</i> , 2012 , 23, 465302	3.4	11
89	Plasmonic metal nanostructure array by glancing angle deposition for biosensing application. <i>Sensors and Actuators B: Chemical</i> , 2013 , 183, 310-318	8.5	11
88	PLASMONIC NANOLITHOGRAPHY: TOWARDS NEXT GENERATION NANOPATTERNING. <i>Journal of Molecular and Engineering Materials</i> , 2013 , 01, 1250005	1.3	11
87	Short-range surface plasmon propagation supported by stimulated amplification using electrical injection. <i>Optics Express</i> , 2011 , 19, 22107-12	3.3	11
86	Dual-wavelength laser source monolithically integrated with Y-junction coupler and isolator using quantum-well intermixing. <i>IEEE Photonics Technology Letters</i> , 2000 , 12, 1310-1312	2.2	11
85	Wavelength-tunable focusing via a Fresnel zone microsphere. <i>Optics Letters</i> , 2020 , 45, 852-855	3	11
84	Influence of Plasmonic Effect on the Upconversion Emission Characteristics of NaYF ₄ Hexagonal Microrods. <i>Inorganic Chemistry</i> , 2018 , 57, 8200-8204	5.1	11
83	Textured V-Pit Green Light Emitting Diode as a Wavelength-Selective Photodetector for Fast Phosphor-Based White Light Modulation. <i>ACS Photonics</i> , 2017 , 4, 443-448	6.3	10
82	Fractal Holey Metal Microlenses with Significantly Suppressed Side Lobes and High-Order Diffractions in Focusing. <i>Advanced Optical Materials</i> , 2014 , 2, 487-492	8.1	10
81	Subwavelength superfocusing with a dipole-wave-reciprocal binary zone plate. <i>Applied Physics Letters</i> , 2013 , 102, 061103	3.4	10
80	Optical properties and bonding behaviors of InSbN alloys grown by metal-organic chemical vapor deposition. <i>Journal of Crystal Growth</i> , 2015 , 416, 12-16	1.6	10
79	Electrically switchable two-dimensional photonic crystals made of polymer-dispersed liquid crystals based on the Talbot self-imaging effect. <i>Applied Physics B: Lasers and Optics</i> , 2011 , 104, 659-663	1.9	10
78	650-nm AlGaInP multiple-quantum-well lasers grown by metalorganic chemical vapor deposition using tertiarybutylphosphine. <i>Applied Physics Letters</i> , 2003 , 83, 596-598	3.4	10

77	Ultra-high extinction-ratio light modulation by electrically tunable metasurface using dual epsilon-near-zero resonances. <i>Opto-Electronic Advances</i> , 2021 , 4, 200088-200088	6.5	10
76	GENERATION OF OPTICAL VORTEX BEAMS BY COMPACT STRUCTURES. <i>Journal of Molecular and Engineering Materials</i> , 2014 , 02, 1440013	1.3	9
75	Nanoscale smoothing of plasmonic films and structures using gas cluster ion beam irradiation. <i>Applied Physics A: Materials Science and Processing</i> , 2014 , 117, 719-723	2.6	9
74	Effect of rapid thermal annealing on behavior of nitrogen in GaAsN alloys. <i>Journal of Crystal Growth</i> , 2013 , 362, 197-201	1.6	9
73	Single-material-based multilayered nanostructures fabrication via reverse thermal nanoimprinting. <i>Microelectronic Engineering</i> , 2011 , 88, 2946-2950	2.5	9
72	Inelastic scattering of surface plasmons in oscillating metallic waveguides. <i>Applied Physics Letters</i> , 2011 , 98, 263111	3.4	9
71	Reconfigurable optical manipulation by phase change material waveguides. <i>Nanoscale</i> , 2017 , 9, 6895-6907	6.0	8
70	Azo-dye-doped absorbing photonic crystals with purely imaginary refractive index contrast and all-optically switchable diffraction properties. <i>Optical Materials Express</i> , 2012 , 2, 55	2.6	8
69	Distributed Bragg reflector laser using buried SiO ₂ grating and self-aligned band gap tuning. <i>Applied Physics Letters</i> , 2007 , 90, 171107	3.4	8
68	Enhancement of responsivity for a transistor terahertz detector by a Fabry-Pérot resonance-cavity. <i>Applied Physics Letters</i> , 2017 , 110, 162101	3.4	7
67	Ultrathin Film Broadband Terahertz Antireflection Coating Based on Impedance Matching Method. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017 , 23, 1-8	3.8	7
66	Giant Emission Enhancement of Solid-State Gold Nanoclusters by Surface Engineering. <i>Angewandte Chemie</i> , 2020 , 132, 8347-8353	3.6	7
65	Modelling of GaN HEMTs as Terahertz Detectors Based on Self-Mixing. <i>Procedia Engineering</i> , 2016 , 141, 98-102		7
64	ENGINEERING PLASMONIC COLORS IN METAL NANOSTRUCTURES. <i>Journal of Molecular and Engineering Materials</i> , 2014 , 02, 1440011	1.3	7
63	Surface plasmon enhanced photoluminescence in gold capped InGaAs quantum well nanodisk array. <i>Optical Materials Express</i> , 2013 , 3, 2003	2.6	7
62	Metal-assisted photonic mode for ultraslow bending with long propagation length at visible wavelengths. <i>Optics Express</i> , 2012 , 20, 23898-905	3.3	7
61	Multi-wavelength lasers fabricated by an Al layer controlled quantum well intermixing technology. <i>Journal of Applied Physics</i> , 2000 , 88, 3458-3462	2.5	7
60	Control of the band-gap shift in quantum-well intermixing using a germanium interlayer. <i>Applied Physics Letters</i> , 2000 , 76, 1582-1584	3.4	7

59	Ultralong light focusing via negative axicon microsphere. <i>Engineering Research Express</i> , 2020 , 2, 015044	0.9	6
58	Branchlike nano-electrodes for enhanced terahertz emission in photomixers. <i>Nanotechnology</i> , 2015 , 26, 255201	3.4	6
57	Enhanced photoelectrochemical performance of bridged ZnO nanorod arrays grown on V-grooved structure. <i>Nanotechnology</i> , 2012 , 23, 365704	3.4	6
56	Distortion of the intense terahertz signal measured by spectral-encoding technique. <i>Applied Physics Letters</i> , 2009 , 94, 221107	3.4	6
55	Electrically tunable polarization-insensitive MIM plasmonic metasurface operating in transmission mode. <i>Journal of Optics (United Kingdom)</i> , 2019 , 21, 055102	1.7	5
54	Effect of dielectric cladding on active plasmonic device based on InGaAsP multiple quantum wells. <i>Optics Express</i> , 2014 , 22, 25599-607	3.3	5
53	Optical Magnetic Resonances in Subwavelength Ag/MgF ₂ /Ag Grating Structures. <i>Plasmonics</i> , 2013 , 8, 1221-1226	2.4	5
52	Distortion analysis of pulsed terahertz signal measured with spectral-encoding technique. <i>Journal of Applied Physics</i> , 2010 , 108, 093112	2.5	5
51	Photonic band structure of nanoporous anodized aluminum oxide with radius-to-period ratio modulation. <i>Computational Materials Science</i> , 2010 , 49, S153-S156	3.2	5
50	Supercritical focusing coherent anti-Stokes Raman scattering microscopy for high-resolution vibrational imaging. <i>Optics Letters</i> , 2018 , 43, 5615-5618	3	5
49	Exciton-Enabled Meta-Optics in Two-Dimensional Transition Metal Dichalcogenides. <i>Nano Letters</i> , 2020 , 20, 7964-7972	11.5	5
48	Electrostatically Tunable Near-Infrared Plasmonic Resonances in Solution-Processed Atomically Thin NbSe. <i>Advanced Materials</i> , 2021 , 33, e2101950	24	5
47	Few-layer 1T' MoTe ₂ as gapless semimetal with thickness dependent carrier transport. <i>2D Materials</i> , 2018 , 5, 031010	5.9	5
46	Sub-30 nm thick plasmonic films and structures with ultralow loss. <i>Nanoscale</i> , 2014 , 6, 3243-9	7.7	4
45	Frequency control of surface plasmons with oscillating metal-insulator-metal waveguides. <i>Applied Physics A: Materials Science and Processing</i> , 2012 , 107, 43-48	2.6	4
44	New approach for multilayered microstructures fabrication based on a water-soluble backing substrate. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 5898-902	9.5	4
43	Graphene-polymer multilayer heterostructure for terahertz metamaterials 2013 ,		4
42	Bandgap engineering of 1.3eV quantum dot structures for terahertz (THz) emission. <i>Journal of Crystal Growth</i> , 2011 , 323, 211-214	1.6	4

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40	Resonance-free ultraviolet metaoptics via photon nanosieves. <i>Optics Letters</i> , 2019 , 44, 3418-3421	3	4
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