Weili Zhang

List of Publications by Year in Descending Order

295 papers	15,094 citations	62 h-index	114 g-index
343 ext. papers	18,095 ext. citations	5.4 avg, IF	6.6 L-index

#	Paper	IF	Citations
295	Temporal loss boundary engineered photonic cavity. *Nature Communications*, **2021**, 12, 6940	17.4	5
294	Direct emission of broadband terahertz cylindrical vector Bessel beam. *Applied Physics Letters*, **2021**, 119, 221110	3.4	1
293	Negative refraction in twisted hyperbolic metasurfaces. *Nanophotonics*, **2021**,	6.3	1
292	Time-domain terahertz optoacoustics: manipulable water sensing and dampening. *Advanced Photonics*, **2021**, 3,	8.1	6
291	Temperature-controlled terahertz polarization conversion bandwidth. *Optics Express*, **2021**, 29, 21738-21748	3.8	3
290	Nonlinear THz-Nano Metasurfaces: Nonlinear THz-Nano Metasurfaces (Adv. Funct. Mater. 24/2021). *Advanced Functional Materials*, **2021**, 31, 2170170	15.6	2
289	Probing lattice vibration of alkali halide crystals by broadband terahertz spectroscopy. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 254, 119671	4.4	1
288	Multifunctional All-Dielectric Metasurfaces for Terahertz Multiplexing. *Advanced Optical Materials*, **2021**, 9, 2100506	8.1	7
287	Photoconductive Meta-Antenna Enabling Terahertz Amplitude Spectrum Manipulation. *Advanced Photonics Research*, **2021**, 2, 2000036	1.9	0
286	Achromatic Dielectric Metasurface with Linear Phase Gradient in the Terahertz Domain. *Advanced Optical Materials*, **2021**, 9, 2001403	8.1	9
285	Coherent Chiral-Selective Absorption and Wavefront Manipulation in Single-Layer Metasurfaces. *Advanced Optical Materials*, **2021**, 9, 2001620	8.1	7
284	Dual non-diffractive terahertz beam generators based on all-dielectric metasurface. *Frontiers of Optoelectronics*, **2021**, 14, 201-210	2.8	1
283	Coupling Plasmonic System for Efficient Wavefront Control. *ACS Applied Materials & Interfaces*, **2021**, 13, 5844-5852	9.5	9
282	Broadband terahertz wave generation from an epsilon-near-zero material. *Light: Science and Applications*, **2021**, 10, 11	16.7	14
281	Nonlinear THz-Nano Metasurfaces. *Advanced Functional Materials*, **2021**, 31, 2100463	15.6	13
280	Active Dielectric Metasurfaces for Switchable Terahertz Beam Steering and Focusing. *IEEE Photonics Journal*, **2021**, 13, 1-11	1.8	7
279	Temperature-Controlled Optical Activity and Negative Refractive Index. *Advanced Functional Materials*, **2021**, 31, 2010249	15.6	21

278	Simultaneous Manipulation of Electric and Magnetic Surface Waves by Topological Hyperbolic Metasurfaces. *ACS Applied Electronic Materials*, **2021**, 3, 4203-4209	4	2
277	Topological edge state bandwidth tuned by multiple parameters in two-dimensional terahertz photonic crystals with metallic cross structures. *Optics Express*, **2021**, 29, 32105-32113	3.3	2
276	Integrated Terahertz Generator-Manipulators Using Epsilon-near-Zero-Hybrid Nonlinear Metasurfaces. *Nano Letters*, **2021**, 21, 7699-7707	11.5	9
275	Gradient Index Devices for Terahertz Spoof Surface Plasmon Polaritons. *ACS Photonics*, **2020**, 7, 3305-3312	6.5	4
274	Terahertz Spoof Surface Plasmonic Logic Gates. *IScience*, **2020**, 23, 101685	6.1	5
273	Metagrating-Based Terahertz Polarization Beam Splitter Designed by Simplified Modal Method. *Frontiers in Physics*, **2020**, 8,	3.9	2
272	Switchable Chiral Mirrors. *Advanced Optical Materials*, **2020**, 8, 2000247	8.1	19
271	Recent progress in graphene terahertz modulators. *Chinese Physics B*, **2020**, 29, 077803	1.2	7
270	Probing NaCl hydrate formation from aqueous solutions by terahertz time-domain spectroscopy. *Physical Chemistry Chemical Physics*, **2020**, 22, 17791-17797	3.6	6
269	Terahertz single-pixel near-field imaging based on active tunable subwavelength metallic grating. *Applied Physics Letters*, **2020**, 116, 241106	3.4	5
268	Dual-Functional Terahertz Waveplate Based on All-Dielectric Metamaterial. *Physical Review Applied*, **2020**, 13,	4.3	15
267	Terahertz Meta-Holograms Reconstruction Based on Compressed Sensing. *IEEE Photonics Journal*, **2020**, 12, 1-9	1.8	3
266	Dual-band dichroic asymmetric transmission of linearly polarized waves in terahertz chiral metamaterial. *Nanophotonics*, **2020**, 9, 3235-3242	6.3	19
265	Terahertz surface plasmonic waves: a review. *Advanced Photonics*, **2020**, 2, 1	8.1	55
264	Curved terahertz surface plasmonic waveguide devices. *Optics Express*, **2020**, 28, 1987-1998	3.3	9
263	Exceptional point in a metal-graphene hybrid metasurface with tunable asymmetric loss. *Optics Express*, **2020**, 28, 20083-20094	3.3	7
262	All-dielectric nanograting for increasing terahertz radiation power of photoconductive antennas. *Optics Express*, **2020**, 28, 19144-19151	3.3	6
261	Asymmetric transmission of linearly polarized waves based on Mie resonance in all-dielectric terahertz metamaterials. *Optics Express*, **2020**, 28, 29855-29864	3.3	5

260	Extrinsic optical activity in all-dielectric terahertz metamaterial. *Optics Letters*, **2020**, 45, 6146-6149	3	4
259	Generation of terahertz vector beams using dielectric metasurfaces via spin-decoupled phase control. *Nanophotonics*, **2020**, 9, 3393-3402	6.3	34
258	Ultra-compact terahertz plasmonic wavelength diplexer. *Applied Optics*, **2020**, 59, 10451-10456	0.2	2
257	Terahertz photoconductive antenna with all-dielectric nanopillars. *Terahertz Science & Technology*, **2020**, 13, 112-118	0.3	
256	Active Control of Asymmetric Fano Resonances with Graphene–Silicon-Integrated Terahertz Metamaterials. *Advanced Materials Technologies*, **2020**, 5, 1900840	6.8	19
255	Highly‐efficient polarization‐insensitive antireflection metagrating for terahertz waves. *Optics Communications*, **2020**, 461, 125188	2	2
254	Observation of Phase Transitions of Ba0.6Sr0.4TiO3–Silicon Hybrid Metamaterial by THz Spectra. *ACS Applied Electronic Materials*, **2020**, 2, 2449-2453	4	3
253	Isomerization behavior of p-aminoazobenzene directly anchored on MoS2/graphene oxide nanocomposite. *Applied Surface Science*, **2020**, 530, 147216	6.7	2
252	Excite Spoof Surface Plasmons with Tailored Wavefronts Using High-Efficiency Terahertz Metasurfaces. *Advanced Science*, **2020**, 7, 2000982	13.6	29
251	Terahertz Signatures of Hydrate Formation in Alkali Halide Solutions. *Journal of Physical Chemistry Letters*, **2020**, 11, 7146-7152	6.4	6
250	Coherent Perfect Diffraction in Metagratings. *Advanced Materials*, **2020**, 32, e2002341	24	12
249	All-Dielectric Metasurface-Based Quad-Beam Splitter in the Terahertz Regime. *IEEE Photonics Journal*, **2020**, 12, 1-10	1.8	5
248	Polarization Independent Achromatic Meta-Lens Designed for the Terahertz Domain. *Frontiers in Physics*, **2020**, 8,	3.9	3
247	Electrically Tunable Perfect Terahertz Absorber Based on a Graphene Salisbury Screen Hybrid Metasurface. *Advanced Optical Materials*, **2020**, 8, 1900660	8.1	42
246	High-performance and compact broadband terahertz plasmonic waveguide intersection. *Nanophotonics*, **2019**, 8, 1811-1819	6.3	15
245	Terahertz surface magnetoplasmons modulation with magnetized InSb hole array sheet. *Optics Communications*, **2019**, 446, 84-87	2	8
244	Simultaneous TE and TM designer surface plasmon supported by bianisotropic metamaterials with positive permittivity and permeability. *Nanophotonics*, **2019**, 8, 1357-1362	6.3	5
243	Anomalous Wave Propagation in Topological Transition Metasurfaces. *Advanced Optical Materials*, **2019**, 7, 1801483	8.1	10

242	Water Dynamics in the Hydration Shell of Amphiphilic Macromolecules. *Journal of Physical Chemistry B*, **2019**, 123, 2971-2977	3.4	5
241	Temperature-Controlled Asymmetric Transmission of Electromagnetic Waves. *Scientific Reports*, **2019**, 9, 4097	4.9	36
240	Observation of Hourglass Nodal Lines in Photonics. *Physical Review Letters*, **2019**, 122, 103903	7.4	20
239	Thermally Dependent Dynamic Meta-Holography Using a Vanadium Dioxide Integrated Metasurface. *Advanced Optical Materials*, **2019**, 7, 1900175	8.1	78
238	Photonic Weyl points due to broken time-reversal symmetry in magnetized semiconductor. *Nature Physics*, **2019**, 15, 1150-1155	16.2	40
237	Coupling-Mediated Selective Spin-to-Plasmonic-Orbital Angular Momentum Conversion. *Advanced Optical Materials*, **2019**, 7, 1900713	8.1	6
236	Tunable On-Chip Sources with Aperiodic Metasurface. *Annalen Der Physik*, **2019**, 531, 1900237	2.6	
235	Spin-Decoupled Multifunctional Metasurface for Asymmetric Polarization Generation. *ACS Photonics*, **2019**, 6, 2933-2941	6.3	35
234	Hysteretic behavior in ion gel-graphene hybrid terahertz modulator. *Carbon*, **2019**, 155, 514-520	10.4	9
233	Polarization-insensitive tunable terahertz polarization rotator. *Optics Express*, **2019**, 27, 16966-16974	3.3	10
232	Ultra-broadband microwave metamaterial absorber with tetramethylurea inclusion. *Optics Express*, **2019**, 27, 25595-25602	3.3	12
231	Terahertz metamaterial beam splitters based on untraditional coding scheme. *Optics Express*, **2019**, 27, A1627-A1635	3.3	10
230	Direct polarization measurement using a multiplexed PancharatnamBerry metahologram. *Optica*, **2019**, 6, 1190	8.6	50
229	Terahertz electric field modulated mode coupling in graphene-metal hybrid metamaterials. *Optics Express*, **2019**, 27, 2317-2326	3.3	15
228	Photothermally Enhanced Chemotherapy Delivered by Graphene Oxide-Based Multiresponsive Nanogels.. *ACS Applied Bio Materials*, **2019**, 2, 330-338	4.1	5
227	Characterization of Thin Metal Films Using Terahertz Spectroscopy. *IEEE Transactions on Terahertz Science and Technology*, **2018**, 8, 161-164	3.4	7
226	Terahertz polarization converter based on all-dielectric high birefringence metamaterial with elliptical air holes. *Optics Communications*, **2018**, 416, 130-136	2	18
225	Efficient Metacoupler for Complex Surface Plasmon Launching. *Advanced Optical Materials*, **2018**, 6, 1701117	8.1	14

224	Tailoring mode interference in plasmon-induced transparency metamaterials. *Journal Physics D: Applied Physics*, **2018**, 51, 174005	3	16
223	Broadband terahertz metamaterial absorber with two interlaced fishnet layers. *AIP Advances*, **2018**, 8, 025020	1.5	17
222	Surface Plasmon Mediated Controllable Spin-Resolved Transmission in Meta-Hole Structures. *Annalen Der Physik*, **2018**, 530, 1700364	2.6	1
221	Terahertz spoof surface-plasmon-polariton subwavelength waveguide. *Photonics Research*, **2018**, 6, 18	6	50
220	Polarization-independent all-silicon dielectric metasurfaces in the terahertz regime. *Photonics Research*, **2018**, 6, 24	6	46
219	Dielectric sphere-coupled THz super-resolution imaging. *Applied Physics Letters*, **2018**, 113, 031105	3.4	10
218	Active control of polarization-dependent near-field coupling in hybrid metasurfaces. *Applied Physics Letters*, **2018**, 113, 061111	3.4	19
217	Characteristic parameters extraction of oil-paper insulation aging based on Davidson-Cole model **2018**,		1
216	High-sensitivity and label-free identification of a transgenic genome using a terahertz meta-biosensor. *Optics Express*, **2018**, 26, 31589-31598	3.3	26
215	Broadband terahertz rotator with an all-dielectric metasurface. *Photonics Research*, **2018**, 6, 1056	6	32
214	All-Dielectric Meta-Holograms with Holographic Images Transforming Longitudinally. *ACS Photonics* , **2018**, 5, 599-606	6.3	39
213	High-Efficiency Dielectric Metasurfaces for Polarization-Dependent Terahertz Wavefront Manipulation. *Advanced Optical Materials*, **2018**, 6, 1700773	8.1	92
212	Monitoring cis-to-trans isomerization of azobenzene using terahertz time-domain spectroscopy. *Physical Chemistry Chemical Physics*, **2018**, 20, 27205-27213	3.6	12
211	From Terahertz Surface Waves to Spoof Surface Plasmon Polaritons **2018**,		1
210	The anti-icing and mechanical properties of a superhydrophobic coating on asphalt pavement. *Construction and Building Materials*, **2018**, 190, 83-94	6.7	27
209	Antireflection-assisted all-dielectric terahertz metamaterial polarization converter. *Applied Physics Letters*, **2018**, 113, 101104	3.4	36
208	Polarization-independent and angle-insensitive broadband absorber with a target-patterned graphene layer in the terahertz regime. *Optics Express*, **2018**, 26, 25558-25566	3.3	68
207	Interferometric Control of Dual-Band Terahertz Perfect Absorption Using a Designed Metasurface. *Physical Review Applied*, **2018**, 9,	4.3	10

206	. *IEEE Photonics Journal*, **2018**, 10, 1-9	1.8	19
205	Reflective chiral meta-holography: multiplexing holograms for circularly polarized waves. *Light: Science and Applications*, **2018**, 7, 25	16.7	123
204	Stretchable Photonic Fermi Arcs in Twisted Magnetized Plasma. *Laser and Photonics Reviews*, **2018**, 12, 1700226	8.3	11
203	Superconductive PT-symmetry phase transition in metasurfaces. *Applied Physics Letters*, **2017**, 110, 021104	3.4	9
202	Plasmonic Analog of Electromagnetically Induced Transparency in Stereo Metamaterials. *IEEE Journal of Selected Topics in Quantum Electronics*, **2017**, 23, 1-7	3.8	13
201	Broadband and Robust Metalens with Nonlinear Phase Profiles for Efficient Terahertz Wave Control. *Advanced Optical Materials*, **2017**, 5, 1601084	8.1	35
200	Coherent Control of Optical Spin-to-Orbital Angular Momentum Conversion in Metasurface. *Advanced Materials*, **2017**, 29, 1604252	24	28
199	Ultra-high terahertz index in deep subwavelength coupled bi-layer free-standing flexible metamaterials. *Journal of Applied Physics*, **2017**, 121, 233103	2.5	9
198	Tailoring Terahertz Propagation by Phase and Amplitude Control in Metasurfaces. *Journal of Infrared, Millimeter, and Terahertz Waves*, **2017**, 38, 1034-1046	2.2	2
197	Defect-Induced Fano Resonances in Corrugated Plasmonic Metamaterials. *Advanced Optical Materials*, **2017**, 5, 1600960	8.1	84
196	Polarization-controlled surface plasmon holography. *Laser and Photonics Reviews*, **2017**, 11, 1600212	8.3	36
195	Aperiodic-metamaterial-based absorber. *APL Materials*, **2017**, 5, 096107	5.7	11
194	Quad-Wavelength Multi-Focusing Lenses with Dual-Wavelength Meta-Atoms **2017**,		2
193	Dielectric properties of MgO–ZnO–TiO2-based ceramics at 1 MHz and THz frequencies. *Journal of Materials Science*, **2017**, 52, 9335-9343	4.3	10
192	Temperature-dependent birefringence of lithium triborate, LBO in the THz regime. *Scientific Reports*, **2017**, 7, 8122	4.9	3
191	Active KTaO hybrid terahertz metamaterial. *Scientific Reports*, **2017**, 7, 6072	4.9	4
190	Bandwidth broadening of a linear polarization converter by near-field metasurface coupling. *Scientific Reports*, **2017**, 7, 6817	4.9	24
189	Broadband non-polarizing terahertz beam splitters with variable split ratio. *Applied Physics Letters*, **2017**, 111, 071101	3.4	45

188	All-Dielectric Meta-lens Designed for Photoconductive Terahertz Antennas. *IEEE Photonics Journal*, **2017**, 9, 1-9	1.8	11
187	Terahertz sensing of highly absorptive water-methanol mixtures with multiple resonances in metamaterials. *Optics Express*, **2017**, 25, 14089-14097	3.3	43
186	Terahertz surface plasmon polariton waveguiding with periodic metallic cylinders. *Optics Express*, **2017**, 25, 14397-14405	3.3	14
185	Ultrathin metasurface-based carpet cloak for terahertz wave. *Optics Express*, **2017**, 25, 15635-15642	3.3	38
184	Tailoring the plasmon-induced transparency resonances in terahertz metamaterials. *Optics Express*, **2017**, 25, 19844-19855	3.3	33
183	Polarization-dependent electromagnetic responses in an A-shape metasurface. *Optics Express*, **2017** , 25, 20689-20697	3.3	4
182	Transmission and plasmonic resonances on quasicrystal metasurfaces. *Optics Express*, **2017**, 25, 24173-24182	3.3	6
181	Multi-wavelength lenses for terahertz surface wave. *Optics Express*, **2017**, 25, 24872-24879	3.3	2
180	Polarization-controlled asymmetric excitation of surface plasmons. *Optica*, **2017**, 4, 1044	8.6	21
179	Full-State Controls of Terahertz Waves Using Tensor Coding Metasurfaces. *ACS Applied Materials & Interfaces*, **2017**, 9, 21503-21514	9.5	46
178	Polarization and Frequency Multiplexed Terahertz Meta-Holography. *Advanced Optical Materials*, **2017**, 5, 1700277	8.1	33
177	Asymmetric excitation of surface plasmons by dark mode coupling. *Science Advances*, **2016**, 2, e1501142	14.3	39
176	Pancharatnam-Berry Phase Induced Spin-Selective Transmission in Herringbone Dielectric Metamaterials. *Advanced Materials*, **2016**, 28, 9567-9572	24	30
175	Sharp Toroidal Resonances in Planar Terahertz Metasurfaces. *Advanced Materials*, **2016**, 28, 8206-8211	24	115
174	A Broadband THz-TDS System Based on DSTMS Emitter and LTG InGaAs/InAlAs Photoconductive Antenna Detector. *Scientific Reports*, **2016**, 6, 26949	4.9	23
173	Dual-Wavelength Terahertz Metasurfaces with Independent Phase and Amplitude Control at Each Wavelength. *Scientific Reports*, **2016**, 6, 34020	4.9	45
172	Broadband metasurface holograms: toward complete phase and amplitude engineering. *Scientific Reports*, **2016**, 6, 32867	4.9	103
171	Ultrahigh-Q Fano Resonances in Terahertz Metasurfaces: Strong Influence of Metallic Conductivity at Extremely Low Asymmetry. *Advanced Optical Materials*, **2016**, 4, 457-463	8.1	75

170	Additive Manufacturing of a 3D Terahertz Gradient-Refractive Index Lens. *Advanced Optical Materials*, **2016**, 4, 1034-1040	8.1	60
169	Tailoring the Electromagnetically Induced Transparency and Absorbance in Coupled Fano□orentzian Metasurfaces: A Classical Analog of a Four-Level Tripod Quantum System. *Advanced Optical Materials*, **2016**, 4, 1179-1185	8.1	24
168	A dynamically tunable terahertz metamaterial absorber based on an electrostatic MEMS actuator and electrical dipole resonator array. *Journal of Micromechanics and Microengineering*, **2016**, 26, 025006	2	26
167	Frequency-agile electromagnetically induced transparency analogue in terahertz metamaterials. *Optics Letters*, **2016**, 41, 4562-4565	3	58
166	Experimental study on the transition of plasmonic resonance modes in double-ring dimers by conductive junctions in the terahertz regime. *Optics Express*, **2016**, 24, 27415-27422	3.3	12
165	A New Ba0.6 Sr0.4 TiO3 -Silicon Hybrid Metamaterial Device in Terahertz Regime. *Small*, **2016**, 12, 2610-5	11	31
164	Metamaterials: A New Ba0.6 Sr0.4 TiO3 -Silicon Hybrid Metamaterial Device in Terahertz Regime (Small 19/2016). *Small*, **2016**, 12, 2609	11	4
163	Free-Standing Metasurfaces for High-Efficiency Transmitarrays for Controlling Terahertz Waves. *Advanced Optical Materials*, **2016**, 4, 384-390	8.1	29
162	Nonradiative and Radiative Resonances in Coupled Metamolecules. *Advanced Optical Materials*, **2016**, 4, 252-258	8.1	11
161	Plasmonic metalens based on coupled resonators for focusing of surface plasmons. *Scientific Reports*, **2016**, 6, 37861	4.9	6
160	Near-field surface plasmons on quasicrystal metasurfaces. *Scientific Reports*, **2016**, 6, 26	4.9	14
159	Determination of plane stress state using terahertz time-domain spectroscopy. *Scientific Reports*, **2016**, 6, 36308	4.9	7
158	High-Q lattice mode matched structural resonances in terahertz metasurfaces. *Applied Physics Letters*, **2016**, 109, 021108	3.4	30
157	Anisotropic coding metamaterials and their powerful manipulation of differently polarized terahertz waves. *Light: Science and Applications*, **2016**, 5, e16076	16.7	301
156	Monolayer graphene sensing enabled by the strong Fano-resonant metasurface. *Nanoscale*, **2016**, 8, 17278-17284	7.7	82
155	Convolution Operations on Coding Metasurface to Reach Flexible and Continuous Controls of Terahertz Beams. *Advanced Science*, **2016**, 3, 1600156	13.6	199
154	A graphene based tunable terahertz sensor with double Fano resonances. *Nanoscale*, **2015**, 7, 12682-8	7.7	154
153	Polarization Control in Terahertz Metasurfaces with the Lowest Order Rotational Symmetry. *Advanced Optical Materials*, **2015**, 3, 1176-1183	8.1	72

152	Dual control of active graphene–silicon hybrid metamaterial devices. *Carbon*, **2015**, 90, 146-153	10.4	63
151	Active graphene-silicon hybrid diode for terahertz waves. *Nature Communications*, **2015**, 6, 7082	17.4	168
150	Multispectral terahertz sensing with highly flexible ultrathin metamaterial absorber. *Journal of Applied Physics*, **2015**, 118, 083103	2.5	142
149	Tailoring the slow light behavior in terahertz metasurfaces. *Applied Physics Letters*, **2015**, 106, 181101	3.4	100
148	Mapping the near-field propagation of surface plasmons on terahertz metasurfaces. *Applied Physics Letters*, **2015**, 107, 021105	3.4	21
147	Tailoring electromagnetic responses in terahertz superconducting metamaterials. *Frontiers of Optoelectronics*, **2015**, 8, 44-56	2.8	5
146	Collective coherence in nearest neighbor coupled metamaterials: A metasurface ruler equation. *Journal of Applied Physics*, **2015**, 118, 163102	2.5	13
145	Resonance tuning due to Coulomb interaction in strong near-field coupled metamaterials. *Journal of Applied Physics*, **2015**, 118, 023104	2.5	22
144	Spoof surface plasmon polaritons in terahertz transmission through subwavelength hole arrays analyzed by coupled oscillator model. *Scientific Reports*, **2015**, 5, 16440	4.9	12
143	Fano Resonances in Terahertz Metasurfaces: A Figure of Merit Optimization. *Advanced Optical Materials*, **2015**, 3, 1537-1543	8.1	125
142	Anomalous Surface Wave Launching by Handedness Phase Control. *Advanced Materials*, **2015**, 27, 7123-9	24	38
141	A Tunable Dispersion-Free Terahertz Metadevice with Pancharatnam-Berry-Phase-Enabled Modulation and Polarization Control. *Advanced Materials*, **2015**, 27, 6630-6	24	83
140	Ultra-high Q even eigenmode resonance in terahertz metamaterials. *Applied Physics Letters*, **2015**, 106, 011102	3.4	57
139	Electromagnetically induced absorption in a three-resonator metasurface system. *Scientific Reports* , **2015**, 5, 10737	4.9	55
138	Dynamic mode coupling in terahertz metamaterials. *Scientific Reports*, **2015**, 5, 10823	4.9	31
137	Broadband time-domain terahertz radar: Cross section measurement and imaging **2015**,		2
136	Terahertz metasurfaces with a high refractive index enhanced by the strong nearest neighbor coupling. *Optics Express*, **2015**, 23, 29222-30	3.3	33
135	Launching terahertz surface wave with desired directions **2015**,		1

134	Active metasurface terahertz deflector with phase discontinuities. *Optics Express*, **2015**, 23, 27152-8	3.3	41
133	A Broadband Metasurface-Based Terahertz Flat-Lens Array. *Advanced Optical Materials*, **2015**, 3, 779-785	8.1	127
132	Experimental demonstration of ultrasensitive sensing with terahertz metamaterial absorbers: A comparison with the metasurfaces. *Applied Physics Letters*, **2015**, 106, 031107	3.4	324
131	Broadband Terahertz Transparency in a Switchable Metasurface. *IEEE Photonics Journal*, **2015**, 7, 1-8	1.8	18
130	Corrections to "Near field coupling in passive and active teraHertz metamaterial devices" [Nov 13 783-790]. *IEEE Transactions on Terahertz Science and Technology*, **2014**, 4, 400-400	3.4	1
129	Ultrasensitive terahertz sensing with high-Q Fano resonances in metasurfaces. *Applied Physics Letters*, **2014**, 105, 171101	3.4	398
128	Probing the transition from an uncoupled to a strong near-field coupled regime between bright and dark mode resonators in metasurfaces. *Applied Physics Letters*, **2014**, 105, 081108	3.4	47
127	Highly flexible broadband terahertz metamaterial quarter-wave plate. *Laser and Photonics Reviews*, **2014**, 8, 626-632	8.3	165
126	Broadband metasurfaces with simultaneous control of phase and amplitude. *Advanced Materials*, **2014**, 26, 5031-6	24	422
125	Manifestation of PT symmetry breaking in polarization space with terahertz metasurfaces. *Physical Review Letters*, **2014**, 113, 093901	7.4	125
124	Observation of electromagnetically induced absorption in a three-resonator system **2014**,		1
123	Terahertz superconducting metamaterials for magnetic tunability. *Journal of Optics (United Kingdom)*, **2014**, 16, 094013	1.7	9
122	MANIPULATING THE POLARIZATION OF TERAHERTZ WAVES WITH METAMATERIAL DEVICES. *Journal of Molecular and Engineering Materials*, **2014**, 02, 1440008	1.3	1
121	Efficient flat metasurface lens for terahertz imaging. *Optics Express*, **2014**, 22, 25931-9	3.3	117
120	Limitation in thin-film sensing with transmission-mode terahertz time-domain spectroscopy. *Optics Express*, **2014**, 22, 972-86	3.3	45
119	Broadband Terahertz Wave Deflection Based on C-shape Complex Metamaterials with Phase Discontinuities (Adv. Mater. 33/2013). *Advanced Materials*, **2013**, 25, 4566-4566	24	25
118	Near Field Coupling in Passive and Active Terahertz Metamaterial Devices. *IEEE Transactions on Terahertz Science and Technology*, **2013**, 3, 783-790	3.4	26
117	A Metamaterial-Based Terahertz Low-Pass Filter With Low Insertion Loss and Sharp Rejection. *IEEE Transactions on Terahertz Science and Technology*, **2013**, 3, 832-837	3.4	24

116	Plasmon-induced transparency in metamaterials: Active near field coupling between bright superconducting and dark metallic mode resonators. *Applied Physics Letters*, **2013**, 103, 101106	3.4	154
115	A perfect metamaterial polarization rotator. *Applied Physics Letters*, **2013**, 103, 171107	3.4	243
114	The Fano Resonance in Symmetry Broken Terahertz Metamaterials. *IEEE Transactions on Terahertz Science and Technology*, **2013**, 3, 820-826	3.4	78
113	Plasmon-induced transparency in terahertz metamaterials. *Science China Information Sciences*, **2013**, 56, 1-18	3.4	8
112	. *IEEE Journal of Selected Topics in Quantum Electronics*, **2013**, 19, 8400707-8400707	3.8	44
111	Broadband terahertz wave deflection based on C-shape complex metamaterials with phase discontinuities. *Advanced Materials*, **2013**, 25, 4567-72	24	258
110	Analysis of the Adsorption Behaviour of Cadmium on Aluminium-Pillared Diatomite in a Solid/Liquid System Using Classical Adsorption Theory. *Adsorption Science and Technology*, **2013**, 31, 659-670	3.6	6
109	Broadband plasmon induced transparency in terahertz metamaterials. *Nanotechnology*, **2013**, 24, 214003	3.4	79
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