

Ajay Nahata

List of Publications by Year in descending order

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196
papers

4,830
citations

126708

33
h-index

98622

67
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197
all docs

197
docs citations

197
times ranked

4309
citing authors

#	ARTICLE	IF	CITATIONS
1	A wideband coherent terahertz spectroscopy system using optical rectification and electro-optic sampling. Applied Physics Letters, 1996, 69, 2321-2323.	1.5	723
2	Optics of photonic quasicrystals. Nature Photonics, 2013, 7, 177-187.	15.6	358
3	Transmission resonances through aperiodic arrays of subwavelength apertures. Nature, 2007, 446, 517-521.	13.7	273
4	Enhanced nonlinear optical conversion from a periodically nanostructured metal film. Optics Letters, 2003, 28, 423.	1.7	180
5	Coherent detection of freely propagating terahertz radiation by electro-optic sampling. Applied Physics Letters, 1996, 68, 150-152.	1.5	166
6	Single-shot measurement of terahertz electromagnetic pulses by use of electro-optic sampling. Optics Letters, 2000, 25, 426.	1.7	163
7	Resonantly enhanced transmission of terahertz radiation through a periodic array of subwavelength apertures. Optics Express, 2004, 12, 1004.	1.7	147
8	Terahertz plasmonic waveguides created via 3D printing. Optics Express, 2013, 21, 24422.	1.7	145
9	Giant optical transmission of sub-wavelength apertures: physics and applications. Nanotechnology, 2002, 13, 429-432.	1.3	141
10	Planar plasmonic terahertz guided-wave devices. Optics Express, 2008, 16, 6216.	1.7	135
11	Influence of aperture shape on the transmission properties of a periodic array of subwavelength apertures. Optics Express, 2004, 12, 3664.	1.7	110
12	Detection of freely propagating terahertz radiation by use of optical second-harmonic generation. Optics Letters, 1998, 23, 67.	1.7	89
13	Planar plasmonic terahertz waveguides based on periodically corrugated metal films. New Journal of Physics, 2011, 13, 033024.	1.2	83
14	Graphene-based tunable metamaterial terahertz filters. Applied Physics Letters, 2014, 105, .	1.5	83
15	Free-space electro-optic detection of continuous-wave terahertz radiation. Applied Physics Letters, 1999, 75, 2524-2526.	1.5	74
16	Two-dimensional imaging of continuous-wave terahertz radiation using electro-optic detection. Applied Physics Letters, 2002, 81, 963-965.	1.5	69
17	Time-domain analysis of enhanced transmission through a single subwavelength aperture. Optics Express, 2005, 13, 3535.	1.7	62
18	Electro-optic determination of the nonlinear-optical properties of a covalently functionalized Disperse Red 1 copolymer. Journal of the Optical Society of America B: Optical Physics, 1993, 10, 1553.	0.9	60

#	ARTICLE	IF	CITATIONS
19	Ultrafast frequency-agile terahertz devices using methylammonium lead halide perovskites. Science Advances, 2018, 4, eaar7353.	4.7	56
20	Coupling of terahertz pulses onto a single metal wire waveguide using milled grooves. Optics Express, 2005, 13, 7028.	1.7	53
21	Planar terahertz waveguides based on complementary split ring resonators. Optics Express, 2011, 19, 1072.	1.7	53
22	Role of metal film thickness on the enhanced transmission properties of a periodic array of subwavelength apertures. Optics Express, 2005, 13, 9834.	1.7	52
23	Liquid metal-based plasmonics. Optics Express, 2012, 20, 2346.	1.7	51
24	Reconfigurable plasmonic devices using liquid metals. Optics Express, 2012, 20, 12119.	1.7	51
25	Reconfigurable liquid metal based terahertz metamaterials via selective erasure and refilling to the unit cell level. Applied Physics Letters, 2013, 103, .	1.5	48
26	Generation of terahertz radiation from a poled polymer. Applied Physics Letters, 1995, 67, 1358-1360.	1.5	47
27	Broadband generation of terahertz radiation in a waveguide. Optics Letters, 2004, 29, 1751.	1.7	45
28	Electric field vector characterization of terahertz surface plasmons. Optics Express, 2007, 15, 5616.	1.7	45
29	Coherent Detection of Multiband Terahertz Radiation Using a Surface Plasmon-Polariton Based Photoconductive Antenna. IEEE Transactions on Terahertz Science and Technology, 2011, 1, 412-415.	2.0	45
30	Terahertz Corrugated and Bull's-Eye Antennas. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 740-747.	2.0	44
31	Excitation and scattering of surface plasmon-polaritons on structured metal films and their application to pulse shaping and enhanced transmission. New Journal of Physics, 2005, 7, 249-249.	1.2	39
32	Direct measurement of the Gouy phase shift for surface plasmon-polaritons. Optics Express, 2007, 15, 9995.	1.7	39
33	Controlling the transmission resonance lineshape of a single subwavelength aperture. Optics Express, 2005, 13, 763.	1.7	38
34	Colour selective control of terahertz radiation using two-dimensional hybrid organic inorganic lead-trihalide perovskites. Nature Communications, 2017, 8, 1328.	5.8	35
35	Engineering the Propagation Properties of Planar Plasmonic Terahertz Waveguides. IEEE Journal of Selected Topics in Quantum Electronics, 2011, 17, 146-153.	1.9	33
36	High-speed electrical sampling using optical second-harmonic generation. Applied Physics Letters, 1996, 69, 746-748.	1.5	32

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37	Engineering the dielectric function of plasmonic lattices. <i>Optics Express</i> , 2008, 16, 9601.	1.7	32
38	Optical pulse propagation through metallic nano-apertures. <i>Applied Physics B: Lasers and Optics</i> , 2002, 74, s69-s73.	1.1	30
39	Coupling terahertz radiation onto a metal wire using a subwavelength coaxial aperture. <i>Optics Express</i> , 2007, 15, 9022.	1.7	28
40	Reshaping of freely propagating terahertz pulses by diffraction. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 1996, 2, 701-708.	1.9	27
41	TERAHERTZ TIME-DOMAIN SPECTROSCOPY BASED ON NONLINEAR OPTICS. <i>Journal of Nonlinear Optical Physics and Materials</i> , 2002, 11, 31-48.	1.1	26
42	Electro-optic detection of femtosecond electromagnetic pulses by use of poled polymers. <i>Optics Letters</i> , 2002, 27, 775.	1.7	26
43	Time-domain radiative properties of a single subwavelength aperture surrounded by an exit side surface corrugation. <i>Optics Express</i> , 2006, 14, 1973.	1.7	26
44	Non-Drude like behaviour of metals in the terahertz spectral range. <i>Advances in Physics: X</i> , 2016, 1, 176-193.	1.5	26
45	Introduction. <i>Optics Express</i> , 2004, 12, 3618.	1.7	25
46	Terahertz transmission properties of quasiperiodic and aperiodic aperture arrays. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2007, 24, 2545.	0.9	24
47	Tunable Terahertz Metamaterials Employing Layered 2-D Materials Beyond Graphene. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017, 23, 188-194.	1.9	24
48	Manifestation of Kinetic Inductance in Terahertz Plasmon Resonances in Thin-Film Cd ₃ As ₂ . <i>ACS Nano</i> , 2019, 13, 4091-4100.	7.3	24
49	Generation of subpicosecond electrical pulses by optical rectification. <i>Optics Letters</i> , 1998, 23, 867.	1.7	23
50	Resonantly-enhanced transmission through a periodic array of subwavelength apertures in heavily-doped conducting polymer films. <i>Applied Physics Letters</i> , 2006, 88, 071101.	1.5	23
51	Reconfigurable terahertz metamaterial device with pressure memory. <i>Optics Express</i> , 2014, 22, 4065.	1.7	22
52	Low-loss magnesium films for plasmonics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014, 181, 77-85.	1.7	22
53	Direct observation of Anderson localization in plasmonic terahertz devices. <i>Light: Science and Applications</i> , 2017, 6, e16232-e16232.	7.7	22
54	Concentration of terahertz radiation through a conically tapered aperture. <i>Optics Express</i> , 2010, 18, 25441.	1.7	21

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55	Terahertz surface plasmon polaritons on freestanding multi-walled carbon nanotube aerogel sheets. <i>Optical Materials Express</i> , 2012, 2, 782.	1.6	21
56	Near-field terahertz imaging using sub-wavelength apertures without cutoff. <i>Optics Express</i> , 2016, 24, 2728.	1.7	20
57	THz characterization and demonstration of visible-transparent/terahertz-functional electromagnetic structures in ultra-conductive La-doped BaSnO ₃ Films. <i>Scientific Reports</i> , 2018, 8, 3577.	1.6	20
58	Self-referenced measurements of the dielectric properties of metals using terahertz time-domain spectroscopy via the excitation of surface plasmon-polaritons. <i>Photonics Research</i> , 2013, 1, 148.	3.4	19
59	Optical third harmonic response of amorphous poly(3-methyl-4'-octyl-2,2'-bithiophene-5,5'-diyl) thin films. <i>Chemistry of Materials</i> , 1990, 2, 169-172.	3.2	18
60	Mg thin films with Al seed layers for UV plasmonics. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 184009.	1.3	18
61	Measurement of the vector character of electric fields by optical second-harmonic generation. <i>Optics Letters</i> , 1999, 24, 1059.	1.7	17
62	Slot waveguide-based splitters for broadband terahertz radiation. <i>Optics Express</i> , 2010, 18, 23466.	1.7	17
63	Bistable Physical Geometries for Terahertz Plasmonic Structures Using Shape Memory Alloys. <i>Advanced Optical Materials</i> , 2017, 5, 1601008.	3.6	17
64	Ultrafast THz modulators with WSe ₂ thin films [Invited]. <i>Optical Materials Express</i> , 2019, 9, 826.	1.6	16
65	Terahertz Spectroscopy of Plasmonic Fractals. <i>Physical Review Letters</i> , 2009, 102, 113901.	2.9	15
66	Injection Molding of Free-standing, Three-dimensional, All-metal Terahertz Metamaterials. <i>Advanced Optical Materials</i> , 2014, 2, 663-669.	3.6	14
67	Extraordinary optical transmission through metallic films perforated with aperture arrays having short-range order. <i>Optics Express</i> , 2008, 16, 6267.	1.7	13
68	Plasmonic waveguides based on symmetric and asymmetric T-shaped structures. <i>Optics Express</i> , 2014, 22, 2868.	1.7	13
69	Generation of broadband radially polarized terahertz radiation directly on a cylindrical metal wire. <i>Optics Express</i> , 2008, 16, 8433.	1.7	12
70	Microwave frequency comb attributed to the formation of dipoles at the surface of a semiconductor by a mode-locked ultrafast laser. <i>Applied Physics Letters</i> , 2012, 101, 231102.	1.5	12
71	Influence of aluminum content on plasmonic behavior of Mg-Al alloy thin films. <i>Optical Materials Express</i> , 2016, 6, 3180.	1.6	12
72	Coherent detection of pulsed narrowband terahertz radiation. <i>Applied Physics Letters</i> , 2006, 88, 011101.	1.5	11

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73	Electrolytic reduction of liquid metal oxides and its application to reconfigurable structured devices. <i>Scientific Reports</i> , 2015, 5, 8637.	1.6	10
74	Focus on terahertz plasmonics. <i>New Journal of Physics</i> , 2015, 17, 100201.	1.2	10
75	Grapheneâ€™s dielectric integrated terahertz metasurfaces. <i>Semiconductor Science and Technology</i> , 2018, 33, 104007.	1.0	10
76	Electrooptic characterization of organic media. <i>IEEE Transactions on Instrumentation and Measurement</i> , 1992, 41, 128-131.	2.4	9
77	Engineering the properties of terahertz filters using multilayer aperture arrays. <i>Optics Express</i> , 2011, 19, 18678.	1.7	9
78	Possible applications of scanning frequency comb microscopy for carrier profiling in semiconductors. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2015, 33, 02B109.	0.6	9
79	Hiding multi-level multi-color images in terahertz metasurfaces. <i>Optica</i> , 2016, 3, 1466.	4.8	9
80	Terahertz spectroscopy of an electron-hole bilayer system in AlN/GaN/AlN quantum wells. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	9
81	Thermally stable polyester polymers for secondâ€™order nonlinear optics. <i>Applied Physics Letters</i> , 1994, 64, 3371-3373.	1.5	8
82	<title>Robust photopolymers for MCM, board, and backplane optical interconnects</title>. , 1998, 3288, 175.		8
83	Nonlinear optical generation and detection of ultrashort electrical pulses in transmission lines. <i>Optics Letters</i> , 2001, 26, 385.	1.7	8
84	Anderson localization of slow light. <i>Nature Photonics</i> , 2008, 2, 75-76.	15.6	8
85	Disorder-enhanced light transport. <i>Nature Photonics</i> , 2011, 5, 453-454.	15.6	8
86	An Electrically Tunable Terahertz Plasmonic Device Based on Shape Memory Alloys and Liquid Metals. <i>Advanced Optical Materials</i> , 2018, 6, 1700684.	3.6	8
87	Midinfrared optical response and thermal emission from plasmonic lattices on Al films. <i>Physical Review B</i> , 2007, 76, .	1.1	7
88	Terahertz plasmonic properties of highly oriented pyrolytic graphite. <i>Applied Physics Letters</i> , 2013, 102, 171107.	1.5	7
89	Comparison of unit cell coupling for grating-gate and high electron mobility transistor array THz resonant absorbers. <i>Journal of Applied Physics</i> , 2018, 124, .	1.1	6
90	A new organic electrooptic crystal: 2,6-dibromo-N-methyl-4-nitroaniline (DBNMNA). <i>IEEE Journal of Quantum Electronics</i> , 1990, 26, 1521-1526.	1.0	5

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91	Organic Polymers as Guided Wave Materials. ACS Symposium Series, 1991, , 303-314.	0.5	5
92	Measurement of surface plasmon correlation length differences using Fibonacci deterministic hole arrays. Optics Express, 2012, 20, 15222.	1.7	5
93	Gallium platinum alloys – a new material system for UV plasmonics. Optical Materials Express, 2017, 7, 2880.	1.6	5
94	Anderson localization at the hybridization gap in a plasmonic system. Physical Review B, 2018, 98, .	1.1	5
95	Polymeric optical waveguides for device applications. , 1991, , .		4
96	Widely tunable distributed Bragg reflector laser using a dynamic holographic grating mirror. IEEE Photonics Technology Letters, 2000, 12, 1525-1527.	1.3	4
97	Terahertz time-domain spectroscopy studies of subwavelength hole arrays in metallic films. Physica B: Condensed Matter, 2007, 394, 363-367.	1.3	4
98	Concentration of broadband terahertz radiation using a periodic array of conically tapered apertures. Optics Express, 2013, 21, 12363.	1.7	4
99	Oxidation/reduction studies on nanoporous platinum films by electrical resistance measurements. Journal of Power Sources, 2014, 269, 621-631.	4.0	4
100	K-space design of terahertz plasmonic filters. Optica, 2015, 2, 214.	4.8	4
101	Large nanoscale electronic conductivity in complex oxide heterostructures with ultra high electron density. APL Materials, 2016, 4, 076107.	2.2	4
102	Polymeric materials for guided wave devices. , 1990, 1337, 195.		3
103	High Glass Transition Temperature Electro-Optic Polymers. Materials Research Society Symposia Proceedings, 1993, 328, 477.	0.1	3
104	Electro-optic detection of continuous-wave mid-infrared radiation. Optics Letters, 2002, 27, 1779.	1.7	3
105	Terahertz Plasmonic Structures Based on Spatially Varying Conductivities. Advanced Optical Materials, 2014, 2, 565-571.	3.6	3
106	Terahertz magneto-plasmonics using cobalt subwavelength aperture arrays. Scientific Reports, 2017, 7, 12019.	1.6	3
107	THz anomalous transmission in plasmonic lattices: incidence angle dependence. , 2009, , .		2
108	Analysis and simulation of generating terahertz surface waves on a tapered field emission tip. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2011, 29, .	0.6	2

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109	Transmission bleaching and coupling crossover in a split tapered aperture. Optics Express, 2013, 21, 30895.	1.7	2
110	Shaping terahertz pulses using structured metal films. , 2005, , .		1
111	Reconfigurable plasmonic and metamaterial devices using liquid metals. , 2013, , .		1
112	Reconfigurable metamaterial terahertz filters based on graphene. , 2014, , .		1
113	Free-standing terahertz metamaterial fabricated via injection molding. , 2014, , .		1
114	Experimental demonstration of enhanced terahertz coupling to plasmon in ultra-thin membrane AlGaIn/GaN HEMT arrays. , 2017, , .		1
115	Demonstration of Computational THz Diffractive Optical Elements Enabled by a Modified Direct Binary Search Technique. , 2018, , .		1
116	Measurements of the Gouy Phase Shift for Surface Plasmons. , 2007, , .		1
117	Terahertz Transmission Through Aperiodic Aperture Arrays. , 2007, , .		1
118	Measurement of Subpicosecond Electrical Pulses Using Optical Second-Harmonic Generation. , 1997, , .		1
119	Efficient Design of Diffractive THz Lenses for Aberration Rectified Focusing via Modified Binary Search Algorithm. , 2018, , .		1
120	<title>High-temperature thermoplastic polymers for electro-optic applications</title>. , 1994, , .		0
121	Electrooptic Cardo-Type Polymers with High Glass-Transition Temperatures. ACS Symposium Series, 1995, , 356-367.	0.5	0
122	New Techniques in Wideband Terahertz Spectroscopy. Optics and Photonics News, 1996, 7, 10.	0.4	0
123	<title>High-density optical interconnect using polymer waveguides interfaced to a VCSEL array in molded plastic packaging</title>. , 1998, 3288, 60.		0
124	Ultrafast measurements of electric fields in semiconductors by optical harmonic generation. , 1998, 3277, 238.		0
125	Ultrashort Electrical Pulses On Transmission Lines. Optics and Photonics News, 2001, 12, 69.	0.4	0
126	Electro-optic Detection of Continuous-Wave Mid-Infrared Radiation. , 2002, , WE25.		0

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127	Detectors: Electro-Optic Detection of Continuous-Wave Mid-Infrared Radiation. Optics and Photonics News, 2002, 13, 15.	0.4	0
128	Broadband phase-matched generation and detection of terahertz radiation. , 2004, , .		0
129	Generation and detection of pulsed T-rays for use in the study of biological and bioterrorism issues. , 2004, , .		0
130	Terahertz transmission properties of metamaterials composed of split ring resonators and wires. , 2006, , .		0
131	Anomalous transmission through heavily doped conducting polymer films with periodic subwavelength hole array. , 2006, , .		0
132	Terahertz pulse shaping using structured metal films. , 2006, , .		0
133	Resonantly Enhanced Terahertz Transmission Through Aperiodic Arrays of Subwavelength Apertures. , 2007, , .		0
134	Dielectric response of plasmonic lattices. , 2008, , .		0
135	Characterizing sub-wavelength apertures using terahertz spectroscopy. , 2008, , .		0
136	Measurement of the Gouy phase shift for surface plasmon polaritons. , 2008, , .		0
137	Thermal emission from metallic films perforated with subwavelength hole arrays. , 2008, , .		0
138	Efficient broadband terahertz microstrip waveguide. , 2008, , .		0
139	Planar Terahertz Waveguides Based on Periodically Dimpled Metal Films. , 2010, , .		0
140	5.2: Analysis and simulation of generating terahertz surface waves on a tapered field emission tip. , 2010, , .		0
141	Direct Measurement of Surface Plasmon Properties on Different Metals using Terahertz Time-Domain Spectroscopy. , 2012, , .		0
142	Complex Geometry Plasmonic Terahertz Waveguides Created via 3D Printing. , 2013, , .		0
143	Flat THz leaky wave antennas: Analysis and experimental results. , 2014, , .		0
144	Flat corrugated antennas in the THz. , 2014, , .		0

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145	Anisotropic THz plasmonic filter created using K-space design technique. , 2014, , .		0
146	An inkjet printing technique to spatially vary the conductivity in plasmonic structures. , 2014, , .		0
147	Transmission bleaching and coupling crossover in a split tapered aperture. , 2014, , .		0
148	Scanning frequency comb microscopy (SFCM): A new method showing promise for high-resolution carrier profiling in semiconductors. , 2014, , .		0
149	Flat THz Launcher Antenna. , 2014, , .		0
150	Symmetric and asymmetric T-shaped plasmonic waveguides. , 2014, , .		0
151	Highly Anisotropic THz Plasmonic Filter created using a K-Space Design Methodology. , 2014, , .		0
152	An active terahertz magneto-plasmonic device based on a cobalt aperture array. , 2015, , .		0
153	Anderson localization in terahertz plasmonic waveguides. , 2015, , .		0
154	Silver and carbon ink-jet printing to create an amplitude and phase controlled THz metasurface. , 2015, , .		0
155	Near-field Enhancement and Optimal Performance in Metamaterial Terahertz Modulators Based on 2D-materials. , 2016, , .		0
156	Terahertz waveguide with a negative effective index of refraction measured using time domain techniques. , 2016, , .		0
157	Bistable physical geometries for terahertz plasmonics using shape memory alloys. , 2016, , .		0
158	Optical modulation of THz plasmonic resonances using perovskites. , 2016, , .		0
159	Hiding images with multi-color THz metasurfaces. , 2016, , .		0
160	Terahertz conductivity of ultra high electron concentration 2DEGs in NTO/STO heterostructures. , 2016, , .		0
161	Applications of spatially varying conductivity in plasmonics and metamaterials (Conference) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj		0
162	Terahertz conductivity and scattering in few-layer stacked graphene. , 2017, , .		0

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163	Strong terahertz plasmonic resonances in thin-film Cd ₃ As ₂ : a three-dimensional Dirac semimetal. , 2018, , .		0
164	Synchronized Plasma Wave Resonances in Ultrathin-Membrane GaN Heterostructures. , 2018, , .		0
165	Ultrafast terahertz modulator based on metamaterial-integrated WSe ₂ thin-films. , 2018, , .		0
166	Active THz Devices Using Hybrid Lead-Halide Perovskites. , 2018, , .		0
167	Generation and Coherent Two-Dimensional Detection of Continuous-Wave Terahertz Radiation. , 2000, , .		0
168	Generation of broadband terahertz radiation in a phase- matched waveguide geometry. , 2003, , .		0
169	A frequency domain cross-correlation technique for measuring the linewidth of difference frequency generated radiation. , 2004, , .		0
170	Coherent Detection of Tunable Narrowband Far-Infrared Radiation. , 2005, , .		0
171	Resonantly Suppressed Terahertz Transmission Through a Subwavelength Aperture Surrounded by Periodic Surface Corrugations. , 2005, , .		0
172	Terahertz Transmission Properties of Split Ring Resonator Arrays. , 2006, , .		0
173	Coupling Multi-cycle Terahertz Pulses onto a Metal Wire Waveguide Using a Subwavelength Coaxial Aperture. , 2007, , .		0
174	Generation of Broadband Terahertz Pulses on a Metal Wire Waveguide via Optical Rectification. , 2007, , .		0
175	Characterization of Terahertz Surface Plasmons on Structured Metal Surfaces. , 2007, , .		0
176	Resonantly Enhanced Terahertz Transmission Using Aperiodic Arrays of Subwavelength Apertures. , 2007, , .		0
177	Generation of Broadband Terahertz Surface Plasmons on Cylindrical Metal Wires via Optical Rectification. , 2008, , .		0
178	Enhanced transmission through subwavelength aperture arrays with short range order. , 2008, , .		0
179	Concentration of Terahertz Radiation Through Tapered Circular Subwavelength Apertures. , 2010, , .		0
180	Generation And Coherent Detection Of Broadband Terahertz Radiation In Phase-Matched Microstrip Waveguides. , 2011, , .		0

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181	Coherent Detection of Multiband Terahertz Radiation Using a Surface Plasmon-Polariton Based Photoconductive Antenna. , 2012, , .		0
182	Generation and Coherent Detection of Broadband Terahertz Radiation in Phase-Matched Waveguides. , 2012, , .		0
183	Mechanically Stretchable and Reversibly Deformable Liquid Metal-Based Plasmonics. , 2012, , .		0
184	Enhanced THz Transmission Through Periodic Subwavelength Aperture Arrays Fabricated in Graphite. , 2012, , .		0
185	Phase-Matched Microstrip Waveguides for Generation and Coherent Detection of Broadband Terahertz Radiation. , 2012, , .		0
186	Reconfigurable pressure-sensitive terahertz metamaterials using liquid metals. , 2014, , .		0
187	Transmission bleaching and coupling crossover in a split tapered aperture. , 2014, , .		0
188	Selective Erasure and Refilling of Liquid Metal Based Terahertz Metamaterials. , 2014, , .		0
189	Terahertz Beam Shaping Using Inkjet Printed Plasmonic Structures with Spatially Varying Conductivities. , 2014, , .		0
190	Terahertz Plasmonic Structures Based on a Spatially Varying Conductivity. , 2014, , .		0
191	Polymeric Electro-Optic Materials and Devices: Meeting the Challenges of Practical Applications. , 1994, , 107-115.		0
192	Generation and Detection of Wideband Terahertz Radiation Using Nonlinear Optical Media. , 1997, , .		0
193	Simultaneous recording of THz waveforms by multi-channel electro-optic detection. , 1999, , .		0
194	Selective Modulation of Terahertz using Photo-excited 2D Hybrid Lead Halide Perovskite. , 2017, , .		0
195	Shaping Terahertz Beams with High-efficiency All-dielectric Metasurfaces. , 2018, , .		0
196	Editorial Expression of Concern: Terahertz magneto-plasmonics using cobalt subwavelength aperture arrays. Scientific Reports, 2022, 12, 7029.	1.6	0