

Daniel M Mittleman

List of Publications by Year in descending order

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365
papers

17,207
citations

22153

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h-index

14759

127
g-index

369
all docs

369
docs citations

369
times ranked

10024
citing authors

#	ARTICLE	IF	CITATIONS
1	Reflection, Scattering, and Transmission (Including Material Parameters). Springer Series in Optical Sciences, 2022, , 65-73.	0.7	0
2	Perspective on Terahertz Applications in Bioscience and Biotechnology. ACS Photonics, 2022, 9, 1117-1126.	6.6	48
3	A review of terahertz phase modulation from free space to guided wave integrated devices. Nanophotonics, 2022, 11, 415-437.	6.0	27
4	Recent advances in terahertz imaging: 1999 to 2021. Applied Physics B: Lasers and Optics, 2022, 128, 1.	2.2	56
5	Introduction to THz Communications. Springer Series in Optical Sciences, 2022, , 1-12.	0.7	7
6	Adversarial Metasurfaces: Metasurface-in-the-Middle Attack. , 2022, , .		1
7	Metasurface-in-the-Middle Attack. , 2022, , .		14
8	Angularly Dispersive Terahertz Links with Secure Coding. , 2022, , .		4
9	Jamming a terahertz wireless link. Nature Communications, 2022, 13, .	12.8	16
10	The effect of angular dispersion on THz data transmission. Scientific Reports, 2022, 12, .	3.3	3
11	Efficient Leaky-Wave Antenna for Terahertz Wireless Communications. , 2021, , .		3
12	A Flattened Luneburg Lens for the THz Region. , 2021, , .		0
13	Physical-layer Security Using Atmosphere-limited Line-of-sight Terahertz Links. , 2021, , .		1
14	Broadband wide-angle terahertz antenna based on the application of transformation optics to a Luneburg lens. Scientific Reports, 2021, 11, 5230.	3.3	16
15	Line-of-sight and non-line-of-sight links for dispersive terahertz wireless networks. APL Photonics, 2021, 6, 041304.	5.7	11
16	High-volume rapid prototyping technique for terahertz metallic metasurfaces. Optics Express, 2021, 29, 13806.	3.4	27
17	Anomalous contrast in broadband THz near-field imaging of gold microstructures. Optics Express, 2021, 29, 15190.	3.4	12
18	Terahertz Measurements and their Applications. , 2021, , .		0

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19	Enhancing terahertz radiation from femtosecond laser filaments using local gas density modulation. <i>Physical Review A</i> , 2021, 104, .	2.5	5
20	High-precision digital terahertz phase manipulation within a multichannel field perturbation coding chip. <i>Nature Photonics</i> , 2021, 15, 751-757.	31.4	54
21	Structural tuning of nonlinear terahertz metamaterials using broadside coupled split ring resonators. <i>AIP Advances</i> , 2021, 11, .	1.3	3
22	Nonlocal Time-Resolved Terahertz Spectroscopy in the Near Field. <i>ACS Photonics</i> , 2021, 8, 2904-2911.	6.6	15
23	Anomalous Contrast in Broadband THz Near-Field Imaging of Gold Microstructures. , 2021, , .		0
24	Parallel-plate-waveguide-based devices for the terahertz region. , 2021, , .		0
25	Secure Bar Code Reader for the THz Region. , 2021, , .		0
26	Pencil Beams from Leaky-Wave Antenna for Terahertz Communications. , 2021, , .		0
27	Rapid Low-Cost Prototyping of Terahertz Metallic Metasurfaces. , 2021, , .		0
28	Highly Directional Antennas for Terahertz Communications. , 2021, , .		0
29	Terahertz Metallic Metasurfaces Prototyping Using Hot Stamping. , 2021, , .		0
30	Jamming at Terahertz Frequencies: A Theoretical And Numerical Study. , 2021, , .		0
31	Scattering of Terahertz Waves by Snow. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2020, 41, 215-224.	2.2	33
32	Terahertz Vibrational Motions Mediate Gas Uptake in Organic Clathrates. <i>Crystal Growth and Design</i> , 2020, 20, 5638-5643.	3.0	9
33	Terahertz smart dynamic and active functional electromagnetic metasurfaces and their applications. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20190609.	3.4	12
34	Single-shot link discovery for terahertz wireless networks. <i>Nature Communications</i> , 2020, 11, 2017.	12.8	83
35	Direct Probe of Room-Temperature Quantum-Tunneling Processes in Type-II Heterostructures Using Terahertz Emission Spectroscopy. <i>Physical Review Applied</i> , 2020, 13, .	3.8	5
36	A wire waveguide channel for terabit-per-second links. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	13

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37	Assignment of Terahertz Modes in Hydroquinone Clathrates. Journal of Infrared, Millimeter, and Terahertz Waves, 2020, 41, 1355-1365.	2.2	6
38	Efficient leaky-wave antennas at terahertz frequencies generating highly directional beams. Applied Physics Letters, 2020, 117, .	3.3	39
39	Experimental measurement of the wake field in a plasma filament created by a single-color ultrafast laser pulse. Physical Review E, 2020, 102, 063211.	2.1	3
40	LeakyTrack. , 2020, , .		12
41	Laser THz emission nanoscopy and THz nanoscopy. Optics Express, 2020, 28, 18778.	3.4	27
42	Real-time object tracking using a leaky THz waveguide. Optics Express, 2020, 28, 17997.	3.4	27
43	Analysis of ancient ceramics using terahertz imaging and photogrammetry. Optics Express, 2020, 28, 22255.	3.4	15
44	Monitoring fungus infestation of common beech wood using terahertz radiation. Holzforschung, 2020, 74, 635-641.	1.9	1
45	Two-wire Waveguide for Terabit DSL. , 2020, , .		1
46	Non-Uniform Secrecy Capacity in Terahertz Networks. , 2020, , .		1
47	Structurally Tunable Nonlinear Terahertz Metamaterials. , 2020, , .		0
48	Real-Time Radar for the THz Region. , 2020, , .		0
49	Nanoscale Laser Terahertz Emission Microscopy and THz Nanoscopy. , 2020, , .		1
50	Single-shot link discovery in terahertz wireless networks. , 2020, , .		2
51	Broadband amplitude, frequency, and polarization splitter for terahertz frequencies using parallel-plate waveguide technology. Optics Letters, 2020, 45, 1208.	3.3	7
52	Single shot single antenna path discovery in THz networks. , 2020, , .		21
53	Security in terahertz WLANs with Leaky wave antennas. , 2020, , .		15
54	Secure Communication Channels Using Atmosphere-limited Line-of-sight Terahertz Links. , 2020, , .		4

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55	Nonlocal Optical Pump-THz Probe in the Near Field. , 2020, , .		0
56	Object Detection without Line of Sight using Leaky THz Waveguide. , 2020, , .		0
57	Attenuation of Terahertz Waves by Wet Sn Ow, Dry Snow and Rain. , 2020, , .		3
58	Terahertz Dual-Polarization Beam Splitter Via an Anisotropic Matrix Metasurface. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 491-497.	3.1	32
59	A metal wire waveguide for terabit DSL. , 2019, , .		4
60	Terahertz Wireless Links Using Diffuse Scattering From Rough Surfaces. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 463-470.	3.1	43
61	Generation of spatiotemporally tailored terahertz wavepackets by nonlinear metasurfaces. Nature Communications, 2019, 10, 1778.	12.8	76
62	Sidelobe Suppression of Terahertz Emitters with Horn Antennas. , 2019, , .		0
63	A Luneburg Lens for the Terahertz Region. Journal of Infrared, Millimeter, and Terahertz Waves, 2019, 40, 1129-1136.	2.2	16
64	Scattering Analysis of Terahertz Wireless Links by Rough Surfaces. , 2019, , .		1
65	Propagation studies for indoor and outdoor terahertz wireless links. , 2019, , .		3
66	Pressure- and Temperature-dependent Terahertz Time-Domain Spectroscopy of Hydroquinone and Its Clathrates. , 2019, , .		3
67	Beyond the Goos-Hänchen Effect: Resonance-Induced Spatial Reshaping and its Application in Measuring Resonance Linewidth. , 2019, , .		0
68	A Luneburg Lens for the THz Region. , 2019, , .		0
69	Pressure- and Temperature-Dependent Terahertz Time-Domain Spectroscopy of Hydroquinone and its Clathrates. , 2019, , .		0
70	Terahertz waveguide signal processing: passive and active devices. , 2019, , .		0
71	Characteristics of resonance-induced optical vortices and spatial reshaping. Optics Letters, 2019, 44, 5800.	3.3	0
72	Effects of surface roughness on terahertz wireless links. , 2019, , .		0

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73	Invited Article: Channel performance for indoor and outdoor terahertz wireless links. <i>APL Photonics</i> , 2018, 3, .	5.7	109
74	The Effect of Snow on a Terahertz Wireless Data Link. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2018, 39, 505-508.	2.2	31
75	Imaging on the Nanoscale with THz Time-Domain, Emission and Pump-Probe Microscopy. , 2018, , .		2
76	Terahertz Artificial Dielectric Stepped - Refractive- Index Lens. , 2018, , .		0
77	Channel Characteristics for Terahertz Wireless Communications. , 2018, , .		0
78	Probing the Mechanochemistry of Metal-Organic Frameworks with Low-Frequency Vibrational Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27442-27450.	3.1	37
79	Structural and Mechanical Properties of Metal-Organic Frameworks Probed with Terahertz Time-Domain Spectroscopy. , 2018, , .		0
80	Terahertz integrated electronic and hybrid electronic-photonic systems. <i>Nature Electronics</i> , 2018, 1, 622-635.	26.0	444
81	The Atomic Dynamics of Disordered Crystals Elucidated with Terahertz Time-Domain Spectroscopy and ab initio Simulations. , 2018, , .		0
82	Electrically reconfigurable terahertz signal processing devices using liquid metal components. <i>Nature Communications</i> , 2018, 9, 4202.	12.8	35
83	Security and eavesdropping in terahertz wireless links. <i>Nature</i> , 2018, 563, 89-93.	27.8	279
84	Artificial dielectric stepped-refractive-index lens for the terahertz region. <i>Optics Express</i> , 2018, 26, 3702.	3.4	10
85	Twenty years of terahertz imaging [Invited]. <i>Optics Express</i> , 2018, 26, 9417.	3.4	537
86	Extraordinary optical reflection resonances and bound states in the continuum from a periodic array of thin metal plates. <i>Optics Express</i> , 2018, 26, 13195.	3.4	26
87	Imaging on the Nanoscale with Terahertz Time-Domain and Emission Microscopy. , 2018, , .		0
88	Uncovering the Connection Between Low-Frequency Dynamics and Phase Transformation Phenomena in Molecular Solids. <i>Physical Review Letters</i> , 2018, 120, 196002.	7.8	35
89	Magneto -THz spectroscopy in spinel superconductors LiTi2O4 thin films. , 2018, , .		1
90	Extraordinary Optical Reflection and Giant Goos-Hänchen Effect from a Periodic Array of Thin Metal Plates. , 2018, , .		1

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91	Bias Dependence of Laser Terahertz Emission Nanoscopy. , 2018, , .		0
92	Generation of shaped THz beams by nonlinear metasurfaces. , 2018, , .		0
93	Laser Terahertz Emission Nanoscopy. , 2018, , .		0
94	Channel Characteristics for Terahertz Wireless Communications. , 2018, , .		0
95	Linear and nonlinear optics of switchable terahertz metasurfaces. , 2018, , .		0
96	Characterizing optical resonances using spatial mode reshaping. Optica, 2018, 5, 1414.	9.3	4
97	Frequency-division multiplexer and demultiplexer for terahertz wireless links. Nature Communications, 2017, 8, 729.	12.8	95
98	Nanoscale Laser Terahertz Emission Microscopy. ACS Photonics, 2017, 4, 2676-2680.	6.6	84
99	Nonlinear terahertz metamaterials with active electrical control. Applied Physics Letters, 2017, 111, .	3.3	31
100	Artificial dielectric polarizing-beamsplitter and isolator for the terahertz region. Scientific Reports, 2017, 7, 5909.	3.3	21
101	Communications with THz Waves: Switching Data Between Two Waveguides. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 1316-1320.	2.2	21
102	Characterization of an active metasurface using terahertz ellipsometry. Applied Physics Letters, 2017, 111, .	3.3	13
103	Perspective: Terahertz science and technology. Journal of Applied Physics, 2017, 122, .	2.5	267
104	Terahertz phase modulation in a slab waveguide metasurface. , 2017, , .		0
105	THz artificial dielectric isolator. , 2017, , .		0
106	Terahertz extraordinary optical reflection from parallel-plate waveguide arrays. , 2017, , .		0
107	Magneto-THz spectroscopy in spinel superconductor LiTi_2O_4 thin films. , 2017, , .		0
108	Imaging single nanoparticles using laser terahertz emission nanoscopy. , 2017, , .		0

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109	Demultiplexing of terahertz wireless links using a leaky-wave antenna. , 2017, , .		1
110	Liquid metals for active terahertz waveguides. , 2017, , .		0
111	Optimization of conductive fluids for liquid metals in THz devices. , 2017, , .		0
112	High-pressure cell for terahertz time-domain spectroscopy. Optics Express, 2017, 25, 2983.	3.4	12
113	Bias-dependent carrier dynamics studied by Laser Terahertz Emission Microscopy with nanometer resolution. , 2017, , .		0
114	Nanoscale Terahertz Emission Microscopy. , 2017, , .		0
115	Artificial Dielectric Polarizing Beam Splitter for the THz Region. , 2017, , .		1
116	Electrically Modulated Nonlinear Terahertz Metamaterials. , 2017, , .		0
117	Characterization of Switchable Terahertz Metasurfaces. , 2017, , .		0
118	Active THz Waveguides Enabled by Liquid Metal Actuation. , 2017, , .		0
119	A Demultiplexer for Terahertz Wireless Links. , 2017, , .		0
120	Theoretical and experimental determination of surface susceptibility of switchable terahertz metasurfaces. , 2016, , .		0
121	Extraordinary optical transmission inside a waveguide: spatial mode dependence. Optics Express, 2016, 24, 28221.	3.4	8
122	Electrically modulated nonlinear terahertz metamaterials. , 2016, , .		0
123	Mode selectivity of extraordinary optical transmission inside a terahertz parallel-plate waveguide. , 2016, , .		0
124	Waveguide T-junction as a broadband terahertz variable power splitter. , 2016, , .		8
125	Characterization of switchable terahertz metasurfaces. , 2016, , .		0
126	Pressure-dependent terahertz time-domain spectroscopy. , 2016, , .		0

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127	THz artificial dielectric lens. , 2016, , .		0
128	Laser terahertz emission microscopy with near-field probes. , 2016, , .		1
129	Parallel plate waveguide time domain spectroscopy to study terahertz conductivity of ultrathin materials. Proceedings of SPIE, 2016, , .	0.8	1
130	A Broadband Terahertz Waveguide T-Junction Variable Power Splitter. Scientific Reports, 2016, 6, 28925.	3.3	41
131	Terahertz Artificial Dielectric Lens. Scientific Reports, 2016, 6, 23023.	3.3	41
132	Waveguide Devices for Terahertz Signal Processing. , 2016, , .		0
133	Terahertz Parallel Plate Waveguide to Evaluate Electrical Transport Properties of 2D Materials. , 2016, , .		0
134	Focused terahertz waves generated by a phase velocity gradient in a parallel-plate waveguide. Optics Express, 2015, 23, 27947.	3.4	19
135	Investigation of Extraordinary Optical Transmission Inside a Terahertz Parallel-Plate Waveguide. , 2015, , .		0
136	Parallel-Plate Waveguide Terahertz Time Domain Spectroscopy for Ultrathin Conductive Films. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 1182-1194.	2.2	10
137	Parallel-plate leaky waveguides in the terahertz range. , 2015, , .		0
138	Terahertz disorder-localized rotational modes and lattice vibrational modes in the orientationally-disordered and ordered phases of camphor. Physical Chemistry Chemical Physics, 2015, 17, 6734-6740.	2.8	23
139	THz Artificial Dielectric Lens. , 2015, , .		2
140	Frequency-division multiplexing in the terahertz range using a leaky-wave antenna. Nature Photonics, 2015, 9, 717-720.	31.4	165
141	Terahertz Surface Wave Modulation in a Dielectric Slab Metasurface. , 2015, , .		0
142	THz Parallel-Plate Waveguides with Resonant Cavities. , 2015, , .		0
143	High-Q terahertz Fano resonance with extraordinary transmission in concentric ring apertures. Optics Express, 2014, 22, 3747.	3.4	17
144	Artificial Dielectrics: Ordinary Metallic Waveguides Mimic Extraordinary Dielectric Media. IEEE Microwave Magazine, 2014, 15, 34-42.	0.8	7

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145	A Terahertz Leaky-Wave Antenna using a Parallel-Plate Waveguide. , 2014, , .		1
146	In situ spectroscopic characterization of a terahertz resonant cavity. Optica, 2014, 1, 272.	9.3	8
147	Hindered Molecular Reorientation of Lithium Ion Doped Succinonitrile in the Terahertz Range. , 2014, , .		0
148	The isotropic molecular polarizabilities of single methyl-branched alkanes in the terahertz range. Chemical Physics Letters, 2014, 592, 292-296.	2.6	13
149	Terahertz Vibrational Modes of the Rigid Crystal Phase of Succinonitrile. Journal of Physical Chemistry A, 2014, 118, 2442-2446.	2.5	20
150	Terahertz Conductivity and Hindered Molecular Reorientation of Lithium Salt Doped Succinonitrile in its Plastic Crystal Phase. Journal of Infrared, Millimeter, and Terahertz Waves, 2014, 35, 770-779.	2.2	5
151	An electrically driven terahertz metamaterial diffractive modulator with more than 20 dB of dynamic range. Applied Physics Letters, 2014, 104, .	3.3	83
152	High-Contrast Terahertz Wave Modulation by Gated Graphene Enhanced by Extraordinary Transmission through Ring Apertures. Nano Letters, 2014, 14, 1242-1248.	9.1	214
153	Probing Inside THz Parallel-Plate Waveguides with Resonant Cavities. , 2014, , .		0
154	Measuring TE1 mode Losses in Terahertz Parallel-Plate Waveguides. Journal of Infrared, Millimeter, and Terahertz Waves, 2013, 34, 416-422.	2.2	9
155	A Maxwell's fish eye lens for the terahertz region. Applied Physics Letters, 2013, 103, 031104.	3.3	44
156	Frontiers in terahertz sources and plasmonics. Nature Photonics, 2013, 7, 666-669.	31.4	190
157	A terahertz band-pass resonator based on enhanced reflectivity using spoof surface plasmons. New Journal of Physics, 2013, 15, 055002.	2.9	5
158	Observation of terahertz resonant absorption in graphene micro-ribbon arrays. , 2013, , .		0
159	Active Metamaterial Diffraction Grating. , 2013, , .		0
160	Evanescent wave coupling in terahertz waveguide arrays. Optics Express, 2013, 21, 17249.	3.4	2
161	Response to "Comment on "The transition from a TEM-like mode to a plasmonic mode in parallel-plate waveguides" [Appl. Phys. Lett. 102, 246103 (2013)]. Applied Physics Letters, 2013, 102, 246104.	3.3	0
162	An electrically driven terahertz modulator with over 20 dB of dynamic range. , 2013, , .		0

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163	Evanescent wave coupling in terahertz waveguide arrays. , 2013, , .		0
164	Active Metamaterial Diffraction Grating. , 2013, , .		0
165	A 2D Maxwell's Fish Eye Lens using Waveguide-based Inhomogeneous Artificial Dielectrics. , 2013, , .		0
166	Evanescent Wave Coupling in Terahertz Waveguide Arrays. , 2013, , .		0
167	Inhibiting the TE ₁ -mode diffraction losses in terahertz parallel-plate waveguides using concave plates. Optics Express, 2012, 20, 27800.	3.4	10
168	A mode-matching analysis of dielectric-filled resonant cavities coupled to terahertz parallel-plate waveguides. Optics Express, 2012, 20, 21766.	3.4	5
169	Terahertz time domain spectroscopy of branched alkanes. , 2012, , .		0
170	Terahertz mirage: Deflecting terahertz beams in an inhomogeneous artificial dielectric based on a parallel-plate waveguide. Applied Physics Letters, 2012, 101, .	3.3	18
171	A THz-frequency selective invisibility space using inhomogeneous artificial dielectrics. , 2012, , .		0
172	A tapered parallel-plate-waveguide probe for THz near-field reflection imaging. Applied Physics Letters, 2012, 100, .	3.3	27
173	Study of the impedance mismatch at the output end of a THz parallel-plate waveguide. Applied Physics Letters, 2012, 100, .	3.3	13
174	Terahertz multichannel microfluidic sensor based on parallel-plate waveguide resonant cavities. Applied Physics Letters, 2012, 100, .	3.3	55
175	Designer reflectors using spoof surface plasmons in the terahertz range. Physical Review B, 2012, 86, .	3.2	5
176	Waveguides for Pulsed Terahertz Radiation. , 2012, , .		0
177	Manipulating Terahertz Beams using Inhomogeneous Artificial Dielectrics. , 2012, , .		0
178	Spoof surface plasmon enhanced reflection in THz parallel plate waveguides. , 2012, , .		0
179	Inhibiting the TE ₁ -mode Diffraction Losses in Parallel-Plate Waveguides via Slightly Concave Plates. , 2012, , .		0
180	Evanescent Wave Coupling in Terahertz Waveguide Arrays. , 2012, , .		0

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181	Spoof surface plasmon enhanced reflection in THz parallel plate waveguides. , 2012, , .		0
182	Terahertz Microfluidic Sensing Using a Parallel-plate Waveguide Sensor. Journal of Visualized Experiments, 2012, , e4304.	0.3	1
183	Terahertz multichannel microfluidic sensor based on parallel-plate waveguide resonant cavities. , 2011, , .		0
184	Inhomogeneous artificial dielectrics for the THz region. , 2011, , .		0
185	Characterizing the impedance mismatch at the output of a terahertz parallel-plate waveguide. , 2011, , .		0
186	Terahertz reflection time domain spectroscopy of branched alkanes. , 2011, , .		1
187	Extraordinary THz transmission in ring apertures. , 2011, , .		0
188	Characterization of the terahertz near-field output of parallel-plate waveguides. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 558.	2.1	25
189	High-contrast terahertz modulator based on extraordinary transmission through a ring aperture. Optics Express, 2011, 19, 26666.	3.4	40
190	Analysis of rectangular resonant cavities in terahertz parallel-plate waveguides. Optics Letters, 2011, 36, 1452.	3.3	23
191	THz near-field imaging based on a tapered parallel-plates. , 2011, , .		0
192	One-Dimensional Terahertz Imaging of Surfactant-Stabilized Dodecane-Brine Emulsions. IEEE Transactions on Terahertz Science and Technology, 2011, 1, 473-476.	3.1	1
193	Characterization of Dodecane-Surfactant-Brine Emulsions Using THz Imaging. , 2011, , .		0
194	Study of the Impedance Mismatch at the End-facet of a Parallel Plate Waveguide Operating in the THz Regime. , 2011, , .		0
195	The Transition from TEM-like Mode to Plasmonic Mode in Finite-width THz Parallel-plate Waveguide. , 2011, , .		0
196	The transition from a TEM-like mode to a plasmonic mode in parallel-plate waveguides. Applied Physics Letters, 2011, 98, 231113.	3.3	36
197	Analysis of resonant cavity geometries in a THz TE ₁ -mode parallel-plate waveguide. , 2011, , .		0
198	Bending Terahertz Beams in "Free Space", 2011, , .		0

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199	The transition from a TEM-like mode to a plasmon-like mode in a parallel plate waveguide. , 2011, , .		0
200	Terahertz Microfluidic Sensor Based on a Parallel-Plate Waveguide Resonant Cavity. , 2010, , .		0
201	A Terahertz Two-wire Waveguide with Low Bending Loss. , 2010, , .		0
202	Temperature-Dependent Terahertz Spectroscopy of Liquid n-alkanes. Journal of Infrared, Millimeter, and Terahertz Waves, 2010, 31, 1015-1021.	2.2	59
203	Terahertz vibrational modes induced by heterogeneous nucleation in n-alkanes. Chemical Physics Letters, 2010, 493, 279-282.	2.6	16
204	Interference-induced terahertz transparency in a semiconductor magneto-plasma. Nature Physics, 2010, 6, 126-130.	16.7	94
205	Time-Domain Terahertz Magneto-Spectroscopy of an Ultrahigh-Mobility Two-Dimensional Electron Gas. , 2010, , .		1
206	Squeezing THz waves below $\lambda/250$ using plasmonic parallel-plate waveguides. , 2010, , .		0
207	Whispering-gallery-mode terahertz pulse propagation on a curved metallic plate. Applied Physics Letters, 2010, 97, 031106.	3.3	8
208	Optimum areal coverage for perfect transmission in a periodic metal hole array. Applied Physics Letters, 2010, 97, 261112.	3.3	12
209	A tunable universal THz filter using artificial dielectrics. , 2010, , .		0
210	Breakthroughs in Terahertz Science and Technology in 2009. IEEE Photonics Journal, 2010, 2, 232-234.	2.0	6
211	Terahertz Resonance Splitting via Mutual Coupling between Parallel-Plate Waveguide Cavities. , 2010, , .		1
212	Mechanically flexible polymeric compound one-dimensional photonic crystals for terahertz frequencies. Applied Physics Letters, 2010, 96, .	3.3	59
213	A 2-D Artificial Dielectric With $\epsilon_0 \leq n \leq 1$ for the Terahertz Region. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 1993-1998.	4.6	53
214	Superfocusing terahertz waves below $\lambda/250$ using plasmonic parallel-plate waveguides. Optics Express, 2010, 18, 9643.	3.4	119
215	Direct measurement of cyclotron coherence times of high-mobility two-dimensional electron gases. Optics Express, 2010, 18, 12354.	3.4	36
216	Bending and coupling losses in terahertz wire waveguides. Optics Letters, 2010, 35, 553.	3.3	26

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217	A tunable universal terahertz filter using artificial dielectrics based on parallel-plate waveguides. Applied Physics Letters, 2010, 97, 131106.	3.3	80
218	Numerical study of THz propagation in curved parallel-plate waveguides via the lowest-order transverse-electric (TE1) mode. , 2010, , .		0
219	Subwavelength confinement of THz radiation in tapered plasmonic slot waveguides. , 2010, , .		1
220	Antibonding plasmon mode coupling of an individual hole in a thin metallic film. Physical Review B, 2009, 80, .	3.2	12
221	A 2D artificial dielectric with $n < 1$ for the THz region. , 2009, , .		0
222	Temperature sensitive absorption characteristics of polyamides. , 2009, , .		0
223	A spatial light modulator for terahertz beams. Applied Physics Letters, 2009, 94, .	3.3	271
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225	A terahertz two-wire waveguide with low bending loss. Applied Physics Letters, 2009, 95, .	3.3	87
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