

Withawat Withayachumnankul

List of Publications by Year in descending order

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221
papers

8,009
citations

50276

46
h-index

53230

85
g-index

225
all docs

225
docs citations

225
times ranked

6204
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive terahertz sensing with high-Q Fano resonances in metasurfaces. Applied Physics Letters, 2014, 105, .	3.3	536
2	High-Sensitivity Metamaterial-Inspired Sensor for Microfluidic Dielectric Characterization. IEEE Sensors Journal, 2014, 14, 1345-1351.	4.7	531
3	Metamaterial-based microfluidic sensor for dielectric characterization. Sensors and Actuators A: Physical, 2013, 189, 233-237.	4.1	351
4	Flexible metasurfaces and metamaterials: A review of materials and fabrication processes at micro- and nano-scales. Applied Physics Reviews, 2015, 2, 011303.	11.3	303
5	Metamaterials in the Terahertz Regime. IEEE Photonics Journal, 2009, 1, 99-118.	2.0	295
6	Mechanically Tunable Dielectric Resonator Metasurfaces at Visible Frequencies. ACS Nano, 2016, 10, 133-141.	14.6	255
7	A Review on Thin-film Sensing with Terahertz Waves. Journal of Infrared, Millimeter, and Terahertz Waves, 2012, 33, 245-291.	2.2	199
8	Fundamentals of Measurement in Terahertz Time-Domain Spectroscopy. Journal of Infrared, Millimeter, and Terahertz Waves, 2014, 35, 610-637.	2.2	193
9	Dielectric resonator nanoantennas at visible frequencies. Optics Express, 2013, 21, 1344.	3.4	187
10	Ultrabroadband reflective polarization convertor for terahertz waves. Applied Physics Letters, 2014, 105, 181111.	3.3	186
11	Metal-Loaded Dielectric Resonator Metasurfaces for Radiative Cooling. Advanced Optical Materials, 2017, 5, 1700460.	7.3	177
12	T-Ray Sensing and Imaging. Proceedings of the IEEE, 2007, 95, 1528-1558.	21.3	154
13	Uncertainty in terahertz time-domain spectroscopy measurement. Journal of the Optical Society of America B: Optical Physics, 2008, 25, 1059.	2.1	142
14	Mechanically tunable terahertz metamaterials. Applied Physics Letters, 2013, 102, .	3.3	142
15	Metamaterial-Inspired Rotation Sensor With Wide Dynamic Range. IEEE Sensors Journal, 2014, 14, 2609-2614.	4.7	140
16	Varactor-Tunable Second-Order Bandpass Frequency-Selective Surface With Embedded Bias Network. IEEE Transactions on Antennas and Propagation, 2016, 64, 1672-1680.	5.1	133
17	Tutorial: Terahertz beamforming, from concepts to realizations. APL Photonics, 2018, 3, .	5.7	130
18	Experimental demonstration of reflectarray antennas at terahertz frequencies. Optics Express, 2013, 21, 2875.	3.4	124

#	ARTICLE	IF	CITATIONS
19	Terahertz reflectarray as a polarizing beam splitter. <i>Optics Express</i> , 2014, 22, 16148.	3.4	111
20	Sub-diffraction thin-film sensing with planar terahertz metamaterials. <i>Optics Express</i> , 2012, 20, 3345.	3.4	100
21	Metamaterial-Inspired Multichannel Thin-Film Sensor. <i>IEEE Sensors Journal</i> , 2012, 12, 1455-1458.	4.7	99
22	Ultrabroadband Plasmonic Absorber for Terahertz Waves. <i>Advanced Optical Materials</i> , 2015, 3, 376-380.	7.3	98
23	Second-Order Terahertz Bandpass Frequency Selective Surface With Miniaturized Elements. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2015, 5, 761-769.	3.1	92
24	Dielectrics for Terahertz Metasurfaces: Material Selection and Fabrication Techniques. <i>Advanced Optical Materials</i> , 2020, 8, 1900750.	7.3	84
25	Dielectric Resonator Reflectarray as High-Efficiency Nonuniform Terahertz Metasurface. <i>ACS Photonics</i> , 2016, 3, 1019-1026.	6.6	82
26	Material thickness optimization for transmission-mode terahertz time-domain spectroscopy. <i>Optics Express</i> , 2008, 16, 7382.	3.4	81
27	Compact electric-LC resonators for metamaterials. <i>Optics Express</i> , 2010, 18, 25912.	3.4	78
28	Plasmonic Resonance toward Terahertz Perfect Absorbers. <i>ACS Photonics</i> , 2014, 1, 625-630.	6.6	75
29	All-dielectric rod antenna array for terahertz communications. <i>APL Photonics</i> , 2018, 3, .	5.7	75
30	Microwave microfluidic sensor for determination of glucose concentration in water. , 2015, , .		72
31	Integrated Silicon Photonic Crystals Toward Terahertz Communications. <i>Advanced Optical Materials</i> , 2018, 6, 1800401.	7.3	71
32	Effective-medium-cladded dielectric waveguides for terahertz waves. <i>Optics Express</i> , 2019, 27, 38721.	3.4	71
33	Elastomeric silicone substrates for terahertz fishnet metamaterials. <i>Applied Physics Letters</i> , 2012, 100, .	3.3	70
34	Terahertz multi-beam antenna using photonic crystal waveguide and Luneburg lens. <i>APL Photonics</i> , 2018, 3, 126105.	5.7	69
35	Recent Progress in Terahertz Metasurfaces. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2017, 38, 1067-1084.	2.2	64
36	Broadband Terahertz Circular Polarization Beam Splitter. <i>Advanced Optical Materials</i> , 2018, 6, 1700852.	7.3	64

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37	Terahertz Magnetic Mirror Realized with Dielectric Resonator Antennas. <i>Advanced Materials</i> , 2015, 27, 7137-7144.	21.0	63
38	Insulator-metal transition in substrate-independent VO ₂ thin film for phase-change devices. <i>Scientific Reports</i> , 2017, 7, 17899.	3.3	63
39	Quarter-wavelength multilayer interference filter for terahertz waves. <i>Optics Communications</i> , 2008, 281, 2374-2379.	2.1	62
40	Modeling terahertz heating effects on water. <i>Optics Express</i> , 2010, 18, 4727.	3.4	60
41	Flexible terahertz metamaterials for dual-axis strain sensing. <i>Optics Letters</i> , 2013, 38, 2104.	3.3	59
42	Planar Array of Electric-LC Resonators With Broadband Tunability. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011, 10, 577-580.	4.0	56
43	Limitation in thin-film sensing with transmission-mode terahertz time-domain spectroscopy. <i>Optics Express</i> , 2014, 22, 972.	3.4	55
44	Demonstration of a highly efficient terahertz flat lens employing tri-layer metasurfaces. <i>Optics Letters</i> , 2017, 42, 1867.	3.3	54
45	Metamaterial-Inspired Bandpass Filters for Terahertz Surface Waves on Goubau Lines. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2013, 3, 851-858.	3.1	51
46	Dual Circularly Polarized Series-Fed Microstrip Patch Array With Coplanar Proximity Coupling. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 1500-1503.	4.0	50
47	Unclad Microphotronics for Terahertz Waveguides and Systems. <i>Journal of Lightwave Technology</i> , 2020, , 1-1.	4.6	49
48	Numerical removal of water vapour effects from terahertz time-domain spectroscopy measurements. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2008, 464, 2435-2456.	2.1	46
49	Dual-mode behavior of the complementary electric-LC resonators loaded on transmission line: Analysis and applications. <i>Journal of Applied Physics</i> , 2014, 116, .	2.5	46
50	All-dielectric integration of dielectric resonator antenna and photonic crystal waveguide. <i>Optics Express</i> , 2017, 25, 14706.	3.4	46
51	Ultra-wideband tri-layer transmissive linear polarization converter for terahertz waves. <i>APL Photonics</i> , 2020, 5, 046101.	5.7	46
52	Characteristics of Effective-Medium-Clad Dielectric Waveguides. <i>IEEE Transactions on Terahertz Science and Technology</i> , 2021, 11, 28-41.	3.1	45
53	Broadband and wide-angle reflective linear polarization converter for terahertz waves. <i>APL Photonics</i> , 2019, 4, 096104.	5.7	42
54	Terahertz Reflectarrays and Nonuniform Metasurfaces. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2017, 23, 1-18.	2.9	41

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55	Hybrid metasurface for ultra-broadband terahertz modulation. Applied Physics Letters, 2014, 105, .	3.3	38
56	Terahertz plasmonic Bessel beamformer. Applied Physics Letters, 2015, 106, .	3.3	38
57	Low-Profile Terahertz Radar Based on Broadband Leaky-Wave Beam Steering. IEEE Transactions on Terahertz Science and Technology, 2016, , 1-10.	3.1	37
58	Dielectric-resonator metasurfaces for broadband terahertz quarter- and half-wave mirrors. Optics Express, 2018, 26, 14392.	3.4	37
59	A Systemized View of Superluminal Wave Propagation. Proceedings of the IEEE, 2010, 98, 1775-1786.	21.3	36
60	Nanoscale TiO ₂ dielectric resonator absorbers. Optics Letters, 2016, 41, 3391.	3.3	36
61	Compact Dual-Mode Wideband Filter Based on Complementary Split-Ring Resonator. IEEE Microwave and Wireless Components Letters, 2014, 24, 152-154.	3.2	35
62	Material parameter extraction for terahertz time-domain spectroscopy using fixed-point iteration. , 2005, , .		34
63	Wideband Endfire 3-D-Printed Dielectric Antenna With Designable Permittivity. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2085-2089.	4.0	33
64	High-Q Terahertz Absorber With Stable Angular Response. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 204-211.	3.1	33
65	Compact Second-Order Bandstop Filter Based on Dual-Mode Complementary Split-Ring Resonator. IEEE Microwave and Wireless Components Letters, 2016, 26, 571-573.	3.2	31
66	Single-FSS-Layer Absorber With Improved Bandwidth vs Thickness Tradeoff Adopting Impedance-Matching Superstrate. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 916-920.	4.0	30
67	Attenuated Total Reflection Terahertz Time-Domain Spectroscopy: Uncertainty Analysis and Reduction Scheme. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 32-39.	3.1	29
68	Gratingless integrated tunneling multiplexer for terahertz waves. Optica, 2021, 8, 621.	9.3	29
69	Broadband terahertz transmissive quarter-wave metasurface. APL Photonics, 2020, 5, .	5.7	28
70	Microfluidic-based Split-Ring-Resonator Sensor for Real-time and Label-free Biosensing. Procedia Engineering, 2015, 120, 163-166.	1.2	27
71	Simple material parameter estimation via terahertz time-domain spectroscopy. Electronics Letters, 2005, 41, 800.	1.0	26
72	Doped polymer for low-loss dielectric material in the terahertz range. Optical Materials Express, 2015, 5, 1373.	3.0	26

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73	Polarization-dependent thin-film wire-grid reflectarray for terahertz waves. Applied Physics Letters, 2015, 107, .	3.3	25
74	Terahertz Localized Surface Plasmon Resonances in Coaxial Microcavities. Advanced Optical Materials, 2013, 1, 443-448.	7.3	24
75	Analysis of 3D-printed metal for rapid-prototyped reflective terahertz optics. Optics Express, 2016, 24, 17384.	3.4	24
76	Broadband Single-Mode Hybrid Photonic Crystal Waveguides for Terahertz Integration on a Chip. Advanced Materials Technologies, 2020, 5, 2000117.	5.8	24
77	Effective-medium-clad Bragg grating filters. APL Photonics, 2021, 6, .	5.7	23
78	Interlayer tuning of X-band frequency-selective surface using liquid crystal. , 2013, , .		22
79	Design of dual-band frequency selective surface with miniaturized elements. , 2014, , .		22
80	Horizontally Polarized 360° Beam-Steerable Frequency-Reconfigurable Antenna. IEEE Transactions on Antennas and Propagation, 2019, 67, 5231-5242.	5.1	22
81	Terahertz Reflectarray with Enhanced Bandwidth. Advanced Optical Materials, 2019, 7, 1900791.	7.3	22
82	Analysis of measurement uncertainty in THz-TDS. Proceedings of SPIE, 2007, , .	0.8	21
83	Dielectric Resonator Nanoantennas: A Review of the Theoretical Background, Design Examples, Prospects, and Challenges. IEEE Antennas and Propagation Magazine, 2017, 59, 30-42.	1.4	21
84	Wideband Circularly Polarized 3-D Printed Dielectric Rod Antenna. IEEE Transactions on Antennas and Propagation, 2020, 68, 745-753.	5.1	21
85	Ultra-wideband far-infrared absorber based on anisotropically etched doped silicon. Optics Letters, 2020, 45, 1196.	3.3	20
86	Tutorial on broadband transmissive metasurfaces for wavefront and polarization control of terahertz waves. Journal of Applied Physics, 2022, 131, .	2.5	20
87	Spectral and angular characteristics of dielectric resonator metasurface at optical frequencies. Applied Physics Letters, 2014, 105, 191109.	3.3	19
88	Frequency-Selective-Surface-Based Mechanically Reconfigurable Terahertz Bandpass Filter. IEEE Transactions on Terahertz Science and Technology, 2022, 12, 257-266.	3.1	19
89	DIRECT FABRY-PÉROT EFFECT REMOVAL. Fluctuation and Noise Letters, 2006, 06, L227-L239.	1.5	18
90	Terahertz near-field imaging of dielectric resonators. Optics Express, 2017, 25, 3756.	3.4	18

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91	Gas recognition with terahertz time-domain spectroscopy and spectral catalog: a preliminary study. Proceedings of SPIE, 2007, , .	0.8	17
92	Distributed source model for the full-wave electromagnetic simulation of nonlinear terahertz generation. Optics Express, 2012, 20, 18397.	3.4	17
93	Rapid detection of hairline cracks on the surface of piezoelectric ceramics. International Journal of Advanced Manufacturing Technology, 2013, 64, 1275-1283.	3.0	16
94	Dual-Mode Terahertz Time-Domain Spectroscopy System. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 216-220.	3.1	16
95	Directional excitation of surface plasmons by dielectric resonators. Physical Review B, 2015, 91, .	3.2	16
96	Nondestructive Testing of Defects in Polymer Matrix Composite Materials for Marine Applications Using Terahertz Waves. Journal of Nondestructive Evaluation, 2021, 40, 1.	2.4	16
97	Terahertz transmissive half-wave metasurface with enhanced bandwidth. Optics Letters, 2021, 46, 4164.	3.3	16
98	Impact of Infill Pattern on 3D Printed Dielectric Resonator Antennas. , 2018, , .		15
99	Efficiency and Scalability of Dielectric Resonator Antennas at Optical Frequencies. IEEE Photonics Journal, 2014, 6, 1-10.	2.0	14
100	Assessing frost damage in barley using terahertz imaging. Optics Express, 2020, 28, 30644.	3.4	14
101	Tunable electric-LC resonators using liquid crystal. , 2013, , .		13
102	Triple-Band Reconfigurable Low-Profile Monopolar Antenna With Independent Tunability. IEEE Open Journal of Antennas and Propagation, 2020, 1, 47-56.	3.7	13
103	All-Silicon Terahertz Planar Horn Antenna. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2181-2185.	4.0	13
104	Frequency-Reconfigurable Circularly Polarized Omnidirectional Antenna. IEEE Transactions on Antennas and Propagation, 2022, 70, 7205-7210.	5.1	13
105	Photonic crystal traps THz waves. Nature Photonics, 2014, 8, 586-587.	31.4	12
106	Higher-order tunable frequency selective surface with miniaturized elements. , 2015, , .		12
107	Fabry-Pérot interferometer for sensing polar liquids at terahertz frequencies. Journal of Applied Physics, 2017, 121, .	2.5	12
108	Near-field interactions in electric inductive-capacitive resonators for metamaterials. Journal Physics D: Applied Physics, 2012, 45, 485101.	2.8	11

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109	Compressing onto a single pixel. Nature Photonics, 2014, 8, 593-594.	31.4	11
110	IEEE 802.15.3d-Compliant Waveforms for Terahertz Wireless Communications. Journal of Lightwave Technology, 2021, 39, 7748-7760.	4.6	11
111	Microwave microfluidic sensor based on microstrip-line-coupled complementary resonator. , 2016, , .		9
112	Metamaterial-based strain sensors. , 2011, , .		8
113	Second-order bandpass frequency selective surface for terahertz applications. , 2014, , .		8
114	Flexible bi-layer terahertz chiral metamaterials. Journal of Optics (United Kingdom), 2015, 17, 085101.	2.2	8
115	Retrofittable antireflection coatings for T-rays. Microwave and Optical Technology Letters, 2007, 49, 2267-2270.	1.4	7
116	Terahertz and optical Dielectric Resonator Antennas: Potential and challenges for efficient designs. , 2016, , .		7
117	Linear Series-Fed Patch Array with Dual Circular Polarization or Arbitrary Linear Polarization. , 2019, , .		7
118	T-ray relevant frequencies for osteosarcoma classification. , 2005, , .		6
119	Measurement of linearity in THz-TDS. , 2009, , .		6
120	Compact wideband filter element-based on complementary split-ring resonators. Proceedings of SPIE, 2011, , .	0.8	6
121	Metamaterial-inspired microfluidic-based sensor for chemical discrimination. , 2012, , .		6
122	Practical method for determining inductance and capacitance of metamaterial resonators. Electronics Letters, 2012, 48, 225.	1.0	6
123	Terahertz bandpass frequency selective surface with improved out-of-band response. , 2015, , .		6
124	Fast Semi-Analytical Design for Single-FSS-Layer Circuit-Analog Absorbers. IEEE Open Journal of Antennas and Propagation, 2020, 1, 483-492.	3.7	6
125	Ultrasonic refractive index and sound velocity tomography. , 0, , .		5
126	Bandpass filters based on coupled split ring resonators for surface waves on planar Goubau lines. , 2014, , .		5

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127	Gas recognition with terahertz time-domain spectroscopy and reference-free spectrum: A preliminary study. , 2008, , .		4
128	Beam deflection lens at terahertz frequencies using a hole lattice metamaterial. , 2013, , .		4
129	Real-time and label-free biosensing with microfluidic-based split-ring-resonator sensor. , 2015, , .		4
130	Low-profile monopole antenna with via-less shorting. , 2018, , .		4
131	Timing-Jitter Tolerant Nyquist Pulse for Terahertz Communications. Journal of Lightwave Technology, 2022, 40, 557-564.	4.6	4
132	3D shape extraction of large object using photographic tomography. , 0, , .		3
133	Design and implementation of terahertz reflectarray. , 2012, , .		3
134	Evolution from Air-Cladded to Effective-Medium-Cladded Dielectric Waveguides. , 2019, , .		3
135	Integrated Luneburg and Maxwell Fisheye Lenses for the Terahertz Range. , 2019, , .		3
136	3D shape recovery based on tomography. , 0, , .		2
137	Hardware-accelerated objective function evaluation for medical image registration. , 0, , .		2
138	Removal of water-vapor-induced fluctuations in T-ray signals: a preliminary study. , 2007, , .		2
139	Classification of osteosarcoma T-ray responses using adaptive and rational wavelets for feature extraction. , 2007, , .		2
140	Survey of terahertz metamaterial devices. , 2008, , .		2
141	Terahertz reflectarray for bidirectional beam splitting. , 2014, , .		2
142	Plasmonic Absorber Based on Nano-scale Dielectric Resonator Antennas. , 2014, , .		2
143	Resonance breakdown of dielectric resonator antennas on ground plane at visible frequencies. , 2015, , .		2
144	Terahertz narrowband absorber based on miniaturized elements. , 2016, , .		2

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145	Editorial Introduction to the Special Issue: Terahertz Metamaterials and Photonic Crystals. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 1031-1033.	2.2	2
146	Low-Complexity Zero-Forcing Equalization for MIMO SC-FDMA Terahertz Communications. , 2021, , .		2
147	Terahertz Integrated Polarization Beam Splitter Based on Effective-Medium Waveguide. , 2021, , .		2
148	3D Modeling from Using Spiral Cone-Beam Trajectory. , 2005, , .		1
149	Retrofittable T-ray antireflection coatings. , 2006, , .		1
150	Terahertz magnetic plasmon waveguides. , 2012, , .		1
151	Design and analysis of a metasurface for supporting spoof surface plasmon polaritons. , 2012, , .		1
152	Analysis and design of planar dipole array for terahertz magnetic surface wave propagation. , 2013, , .		1
153	Broadband plasmonic terahertz absorber based on silicon cross structures. , 2014, , .		1
154	Terahertz vector bessel beams generated by plasmonic waveguide scattering. , 2014, , .		1
155	Broadband terahertz reflective linear polarization convertor. , 2014, , .		1
156	Passive electric monopole array for terahertz surface wave launcher. , 2015, , .		1
157	Demonstration of short-range terahertz radar using high-gain leaky-wave antenna. , 2016, , .		1
158	Tunable bandpass frequency selective surface with embedded biasing. , 2016, , .		1
159	Efficient terahertz metasurface-based flat lens. , 2017, , .		1
160	Terahertz Metasurfaces for Beamforming and Polarization Conversion. , 2018, , .		1
161	Evolution of Rod Antennas for Integrated Terahertz Photonics. , 2018, , .		1
162	Metasurfaces for Terahertz Polarimetry. , 2018, , .		1

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163	Broadband Terahertz Quarter-Wave Plate Design. , 2019, , .		1
164	Terahertz Absorber Design Adopting Metallic FSS in Sub-Skin-Depth Thickness. , 2019, , .		1
165	Polarization Responses of Terahertz Dielectric Rod Antenna Arrays. , 2019, , .		1
166	Study of Microstrip-Based Terahertz Phase Shifter Using Liquid Crystal. , 2019, , .		1
167	Terahertz Waveguides: Broadband Single-Mode Hybrid Photonic Crystal Waveguides for Terahertz Integration on a Chip (Adv. Mater. Technol. 7/2020). Advanced Materials Technologies, 2020, 5, 2070039.	5.8	1
168	Dispersion in broadband terahertz photonic crystal waveguides employing Bragg-mirror suppression. , 2020, , .		1
169	Integrated resonant cavities on substrateless terahertz dielectric waveguide platform. , 2021, , .		1
170	Circuit-Based Design and Optimization for Broadband Terahertz Metasurfaces. , 2021, , .		1
171	Integrated Terahertz Tunneling Filter. , 2021, , .		1
172	All-Silicon Terahertz Components Towards Efficient Integrated Systems. , 2020, , .		1
173	360° Beam-Steerable Pattern- and Frequency-Reconfigurable Antenna with 3D Printed Dielectric Lens. , 2021, , .		1
174	Leaky-mode analysis of micro-structured dielectric waveguides toward integrated tunneling multiplexers with enhanced bandwidth. , 2021, , .		1
175	Continuous Leakage from Slow-Wave Structure for Integrated All-Dielectric Uniform Leaky Wave Antenna. , 2022, , .		1
176	Non-linear image registration using perspective invariant and thin-plate spine. , 0, , .		0
177	Ultrasonic Diffraction Tomography by Pulse-Plane Wave: Experimental Result by Frequency Synthesis Method. , 2005, 2005, 1822-5.		0
178	T-rays in biomedicine and security. , 2005, , .		0
179	Thickness Determination for Homogeneous Dielectric Materials through THz-TDS. , 2006, , .		0
180	THz time-domain spectroscopy uncertainties. , 2007, , .		0

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181	T-ray multilayer interference filter. , 2007, , .		0
182	Transmission characteristics of T-ray multilayer interference filters. Proceedings of SPIE, 2007, , .	0.8	0
183	Optimization of material thickness for THz-TDS. , 2008, , .		0
184	Planar terahertz metamaterials for strain sensing. , 2012, , .		0
185	Comparison between an optical dielectric resonator nano-antenna reflectarray and an equivalent dielectric grating reflector. , 2013, , .		0
186	Plasmonics: Terahertz Localized Surface Plasmon Resonances in Coaxial Microcavities (Advanced) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.3	0
187	Lower bound of sample thickness in terahertz time-domain spectroscopy. , 2014, , .		0
188	Design of polarization-dependent reflectarray for terahertz waves. , 2014, , .		0
189	Dielectric resonator nano-antennas: A pathway to efficient optical antennas. , 2014, , .		0
190	Ultra-broadband terahertz modulation by active hybrid metamaterials. , 2014, , .		0
191	Dielectric hole lattice for terahertz diffractive optics with high transmission. , 2014, , .		0
192	Nano-scale dielectric resonator antennas as building blocks for efficient manipulation of light. , 2015, , .		0
193	Circularly polarized terahertz leaky-wave antenna with metamaterial scatterers. , 2015, , .		0
194	Terahertz broadband reflectarray with parallel elliptical dipoles. , 2015, , .		0
195	Modified elastomeric polymers for loss reduction in the terahertz range. , 2015, , .		0
196	Plasmonics: Ultrabroadband Plasmonic Absorber for Terahertz Waves (Advanced Optical Materials) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.3	0
197	Efficient terahertz reflectarray based on dielectric resonator antennas. , 2016, , .		0
198	Near-field imaging of magnetic resonance in terahertz dielectric resonator antennas. , 2016, , .		0

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199	Uncertainty analysis for attenuated total reflection THz-TDS. , 2016, , .		0
200	Fabrication of micro-scale single-crystal silicon structures for efficient terahertz magnetic mirror. , 2016, , .		0
201	Fabry-perot cavity for sensing polar liquids at terahertz frequencies. , 2016, , .		0
202	Reflective terahertz optics using 3D-printed metals. , 2016, , .		0
203	High-efficiency dielectric resonator antennas in the terahertz range. , 2016, , .		0
204	Silicon terahertz resonators. , 2016, , .		0
205	Design of terahertz leaky-wave antenna driven by resonant-tunneling diode. , 2017, , .		0
206	Terahertz Focusing Reflectarray with Enhanced Bandwidth. , 2018, , .		0
207	Metallic and dielectric resonators in broadband half-wave mirrors for terahertz frequencies. , 2018, , .		0
208	Terahertz Reflectarray: Terahertz Reflectarray with Enhanced Bandwidth (Advanced Optical Materials) Tj ETQq0 0 0,rgBT /Overlock 10 TF	7.3	0
209	Broadband and wide-angle terahertz reflective half-wave mirror. , 2019, , .		0
210	Wideband 3D Printed Conformal Dielectric Antenna with End-fire Radiation. , 2019, , .		0
211	Fabrication of Broadband Absorbers for the Far-Infrared Spectral Range. , 2019, , .		0
212	Wideband Circularly Polarized 3D-Printed Dielectric Rod Antenna with Double-ridged Waveguide Feed. , 2021, , .		0
213	Terahertz transmissive half-wave metasurface with enhanced bandwidth: publisher's note. Optics Letters, 2021, 46, 4640.	3.3	0
214	Terahertz Pulse Shaping using Microwave-Photonic Delay Line Filters. , 2021, , .		0
215	Waveguide Crossing Based on Air-Silicon Effective Medium. , 2021, , .		0
216	Waveforms with High Spectral Efficiency for Terahertz Communications. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
217	Integrated Terahertz Band-Stop Filter Based on Effective Medium. , 2021, , .		0
218	Improving the Radiation Performance of Resonant-Tunneling Diode by Using Planar Metallic Arrays. , 2021, , .		0
219	Terahertz Slab-Mode Beam Launchers using Photonic Crystal Waveguides and Integrated Optics. , 2020, , .		0
220	Unclad Microphotonic Waveguide Bend. , 2020, , .		0
221	In the shadow of the laser phantom needle cross: dynamic air-plasma aperture sheds light on terahertz microscopy. Light: Science and Applications, 2022, 11, .	16.6	0