Kodo Kawase

List of Publications by Year
in descending order

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373 papers	8,984 citations	47006 47 h-index	46799 89 g-index
373 all docs	373 docs citations	373 times ranked	4358 citing authors

#	Article	IF	Citations
1	Non-destructive terahertz imaging of illicit drugs using spectral fingerprints. Optics Express, 2003, 11, 2549.	3.4	1,266
2	Coherent tunable THzâ€wave generation from LiNbO3 with monolithic grating coupler. Applied Physics Letters, 1996, 68, 2483-2485.	3.3	322
3	Terahertz wave parametric source. Journal Physics D: Applied Physics, 2002, 35, R1-R14.	2.8	282
4	Terahertz imaging system based on a backward-wave oscillator. Applied Optics, 2004, 43, 5637.	2.1	210
5	Isotopic Dependence of the Giant Monopole Resonance in the Even <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>Sn</mml:mi><mml:mprescripts /><mml:none /></mml:mmultiscripts></mml:math> Candidate for the 2<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mo>+</mml:mo></mml:msup></mml:math> excited Hoyle state at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>E</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mo>â^¼</mml:mo><mml:mn>9</mml:mn></mml:mrow></mml:math> MeV in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>12</mml:mn></mml:msup></mml:math>. Physical Review C, 20	7.8	206
6	Ultrabright continuously tunable terahertz-wave generation at room temperature. Scientific Reports, 2014, 4, 5045.	3.3	185
7	Difference-frequency terahertz-wave generation from 4-dimethylamino-N-methyl-4-stilbazolium-tosylate by use of an electronically tuned Ti:sapphire laser. Optics Letters, 1999, 24, 1065.	3.3	181
8	Laser terahertz-emission microscope for inspecting electrical faults in integrated circuits. Optics Letters, 2003, 28, 2058.	3.3	177
9	Terahertz sensing method for protein detection using a thin metallic mesh. Applied Physics Letters, 2007, 91, .	3.3	167
10	Tunable terahertz-wave generation from DAST crystal by dual signal-wave parametric oscillation of periodically poled lithium niobate. Optics Letters, 2000, 25, 1714.	3.3	166
11	Transform-limited, narrow-linewidth, terahertz-wave parametric generator. Applied Physics Letters, 2001, 78, 2819-2821.	3.3	154
12	Terahertz-wave surface-emitted difference frequency generation in slant-stripe-type periodically poled LiNbO3 crystal. Applied Physics Letters, 2002, 81, 3323-3325.	3.3	154
13	Component spatial pattern analysis of chemicals using terahertz spectroscopic imaging. Applied Physics Letters, 2003, 83, 800-802.	3.3	149
14	Tunable terahertz-wave parametric oscillators using LiNbO/sub 3/ and MgO:LiNbO/sub 3/ crystals. IEEE Transactions on Microwave Theory and Techniques, 2000, 48, 653-661.	4.6	142
15	High-resolution time-of-flight terahertz tomography using a femtosecond fiber laser. Optics Express, 2009, 17, 7533.	3.4	133
16	Unidirectional radiation of widely tunable THz wave using a prism coupler under noncollinear phase matching condition. Applied Physics Letters, 1997, 71, 753-755.	3.3	132
17	Imaging of large-scale integrated circuits using laser-terahertz emission microscopy. Optics Express, 2005, 13, 115.	3.4	130
18			

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19	Study of the cluster state at Ex=10.3 MeV in 12C. Nuclear Physics A, 2004, 738, 268-272.	1.5	127
20	Enhancement of terahertz-wave output from LiNbO_3 optical parametric oscillators by cryogenic cooling. Optics Letters, 1999, 24, 202.	3.3	121
21	Terahertz Imaging For Drug Detection And Large-Scale Integrated Circuit Inspection. Optics and Photonics News, 2004, 15, 34.	0.5	119
22	Terahertz surface-wave resonant sensor with a metal hole array. Optics Letters, 2006, 31, 1118.	3.3	114
23	Non-destructive drug inspection in covering materials using a terahertz spectral imaging system with injection-seeded terahertz parametric generation and detection. Optics Express, 2016, 24, 6425.	3.4	114
24	Isoscalar giant resonances in the Sn nuclei and implications for the asymmetry term in the nuclear-matter incompressibility. Physical Review C, 2010, 81, .	2.9	113
25	Arrayed silicon prism coupler for a terahertz-wave parametric oscillator. Applied Optics, 2001, 40, 1423.	2.1	112
26	Injection-seeded terahertz-wave parametric generator with wide tunability. Applied Physics Letters, 2002, 80, 195-197.	3.3	108
27	Terahertz-wave sources and imaging applications. Measurement Science and Technology, 2006, 17, R161-R174.	2.6	96
28	Noninvasive Mail Inspection System with Terahertz Radiation. Applied Spectroscopy, 2009, 63, 81-86.	2.2	95
29	Terahertz imaging with a direct detector based on superconducting tunnel junctions. Applied Physics Letters, 2006, 88, 203503.	3.3	86
30	Extremely frequency-widened terahertz wave generation using Cherenkov-type radiation. Optics Express, 2009, 17, 6676.	3.4	85
31	THz imaging techniques for nondestructive inspections. Comptes Rendus Physique, 2010, 11, 510-518.	0.9	82
32	High-power, single-longitudinal-mode terahertz-wave generation pumped by a microchip Nd:YAG laser [Invited]. Optics Express, 2012, 20, 2881.	3.4	82
33	Component analysis of chemical mixtures using terahertz spectroscopic imaging. Optics Communications, 2004, 234, 125-129.	2.1	81
34	Perspective: Terahertz wave parametric generator and its applications. Journal of Applied Physics, 2018, 124, .	2.5	80
35	Kilowatt-peak Terahertz-wave Generation and Sub-femtojoule Terahertz-wave Pulse Detection Based on Nonlinear Optical Wavelength-conversion at Room Temperature. Journal of Infrared, Millimeter, and Terahertz Waves, 2014, 35, 25-37.	2.2	79
36	Consistent analysis of the 2<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mo>+</mml:mo></mml:msup></mml:math>excitation of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>12</mml:mn></mml:msup></mml:math>C Hoyle state populated in proton and Î±-particle inelastic scattering. Physical Review C, 2012, 86, .	2.9	74

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37	Injection-seeded terahertz-wave parametric oscillator. Applied Physics Letters, 2001, 78, 1026-1028.	3.3	72
38	Terahertz Imaging System for Medical Applications and Related High Efficiency Terahertz Devices. Journal of Infrared, Millimeter, and Terahertz Waves, 2014, 35, 118-130.	2.2	65
39	Giant monopole resonance in even-A Cd isotopes, the asymmetry term in nuclear incompressibility, and the â€œsoftnessâ€•of Sn and Cd nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 447-450.	4.1	62
40	Terahertz parametric sources and imaging applications. Semiconductor Science and Technology, 2005, 20, S258-S265.	2.0	60
41	Electron Optical Injection with Head-On and Countercrossing Colliding Laser Pulses. Physical Review Letters, 2009, 103, 194803.	7.8	59
42	Achromatically injection-seeded terahertz-wave parametric generator. Optics Letters, 2002, 27, 2173.	3.3	57
43	Morphology of human sweat ducts observed by optical coherence tomography and their frequency of resonance in the terahertz frequency region. Scientific Reports, 2015, 5, 9071.	3.3	54
44	Soft x-ray source for nanostructure imaging using femtosecond-laser-irradiated clusters. Applied Physics Letters, 2008, 92, 121110.	3.3	52
45	Efficient generation of Cherenkov-type terahertz radiation from a lithium niobate crystal with a silicon prism output coupler. Applied Physics Letters, 2006, 88, 071122.	3.3	51
46	Generation and detection of broadband coherent terahertz radiation using 17-fs ultrashort pulse fiber laser. Optics Express, 2008, 16, 12859.	3.4	51
47	Broadband terahertz wave generation from a MgO:LiNbO_3 ridge waveguide pumped by a 15ÂĨ¼m femtosecond fiber laser. Optics Letters, 2013, 38, 1654.	3.3	47
48	ï¿½?herenkov phase-matched monochromatic THzwave generation using difference frequency generation with a lithium niobate crystal. Optics Express, 2008, 16, 7493.	3.4	46
49	THz-Wave Spectroscopy Applied to the Detection of Illicit Drugs in Mail. Proceedings of the IEEE, 2007, 95, 1566-1575.	21.3	42
50	Terahertz wideband spectroscopic imaging based on two-dimensional electro-optic sampling technique. Applied Physics Letters, 2005, 86, 141109.	3.3	41
51	Terahertz spectroscopy of native-conformation and thermally denatured bovine serum albumin (BSA). Physics in Medicine and Biology, 2008, 53, 3543-3549.	3.0	40
52	Interference terahertz label-free imaging for protein detection on a membrane. Optics Express, 2008, 16, 22083.	3.4	40
53	Terahertz wave three-dimensional computed tomography based on injection-seeded terahertz wave parametric emitter and detector. Optics Express, 2016, 24, 6433.	3.4	38
54	Enhanced Cherenkov phase matching terahertz wave generation via a magnesium oxide doped lithium niobate ridged waveguide crystal. APL Photonics, 2017, 2, 016102.	5.7	38

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55	A high-sensitivity terahertz sensing method using a metallic mesh with unique transmission properties. Journal of Molecular Spectroscopy, 2009, 256, 146-151.	1.2	37
56	Terahertz-wave antireflection coating on Ge and GaAs with fused quartz. Applied Optics, 1998, 37, 1862.	2.1	36
57	Measurement of chloride ion concentration in concrete structures using terahertz time domain spectroscopy (THz-TDS). Corrosion Science, 2012, 62, 5-10.	6.6	35
58	Tunability enhancement of a terahertz-wave parametric generator pumped by a microchip Nd:YAG laser. Applied Optics, 2009, 48, 2899.	2.1	34
59	What is the primary mover of water dynamics?. Physical Chemistry Chemical Physics, 2015, 17, 15428-15434.	2.8	34
60	Noncontact inspection technique for electrical failures in semiconductor devices using a laser terahertz emission microscope. Applied Physics Letters, 2008, 93, .	3.3	33
61	Highly sensitive multi-stage terahertz parametric detector. Optics Letters, 2020, 45, 3905.	3.3	33
62	A frequency-agile terahertz-wave parametric oscillator. Optics Express, 2001, 8, 699.	3.4	32
63	A High Dynamic Range and Spectrally Flat Terahertz Spectrometer Based on Optical Parametric Processes in LiNbO<formula formulatype="inline"><tex Notation="TeX">$_{3}$</tex></formula>. IEEE Transactions on Terahertz Science and Technology, 2014, 4, 523-526.	3.1	31
64	Expansion of the tuning range of injection-seeded terahertz-wave parametric generator up to 5 THz. Applied Physics Express, 2016, 9, 082401.	2.4	30
65	Spatial pattern separation of chemicals and frequency-independent components by terahertz spectroscopic imaging. Applied Optics, 2003, 42, 5744.	2.1	29
66	Terahertz-wave generation in a conventional optical fiber. Optics Letters, 2007, 32, 2990.	3.3	29
67	Output power enhancement of a palmtop terahertz-wave parametric generator. Applied Optics, 2007, 46, 117.	2.1	29
68	CLUSTER STATES IN¹³CAND¹¹B. International Journal of Modern Physics E, 2008, 17, 2071-2075.	1.0	29
69	Laser pulse guiding and electron acceleration in the ablative capillary discharge plasma. Physics of Plasmas, 2009, 16, .	1.9	29
70	Isoscalar giant resonance strengths in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>32</mml:mn></mml:msup></mml:math>S and possible excitation of superdeformed and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>28</mml:mn></mml:msup></mml:math>Si<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mo>+</mml:m	2.9	29
71	Backside observation of large-scale integrated circuits with multilayered interconnections using laser terahertz emission microscope. Applied Physics Letters, 2009, 94, .	3.3	28
72	Terahertz Sensing of Thin Poly(ethylene Terephthalate) Film Thickness Using a Metallic Mesh. Applied Physics Express, 2009, 2, 012301.	2.4	28

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73	Terahertz tag identifiable through shielding materials using machine learning. Optics Express, 2020, 28, 3517.	3.4	28
74	Prism-coupled Cherenkov phase-matched terahertz wave generation using a DAST crystal. Optics Express, 2010, 18, 3338.	3.4	27
75	Widely tunable broadband terahertz radiation generation using a configurationally locked polyene 2-[3-(4-hydroxystyryl)-5,5-dimethylcyclohex-2-enylidene] malononitrile crystal via difference frequency generation. Applied Physics B: Lasers and Optics, 2013, 111, 489-493.	2.2	27
76	Multiwavelength terahertz-wave parametric generator for one-pulse spectroscopy. Applied Physics Express, 2017, 10, 032401.	2.4	27
77	Wide Spectrum Terahertz-Wave Generation From Nonlinear Waveguides. IEEE Journal of Selected Topics in Quantum Electronics, 2013, 19, 8500212-8500212.	2.9	26
78	Efficient Cherenkov-Type Phase-Matched Widely Tunable Terahertz-Wave Generation via an Optimized Pump Beam Shape. Applied Physics Express, 2009, 2, 032302.	2.4	25
79	High-Brightness Continuously Tunable Narrowband Subterahertz Wave Generation. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 858-861.	3.1	25
80	Fourier-Transform Spectrometer with a Terahertz-Wave Parametric Generator. Japanese Journal of Applied Physics, 2002, 41, 134-138.	1.5	24
81	Effective Terahertz Wave Parametric Generation Depending on the Pump Pulse Width Using a LiNbO3 Crystal. IEEE Transactions on Terahertz Science and Technology, 2017, 7, 617-620.	3.1	24
82	Plasmonic response in a one-dimensional periodic structure of metallic rods. Applied Physics Letters, 2005, 87, 204105.	3.3	23
83	Half-life ofRe184populated by the (Î³,n) reaction from laser Compton scattering Î³ rays at the electron storage ring NewSUBARU. Physical Review C, 2006, 74, .	2.9	23
84	Membrane device for holding biomolecule samples for terahertz spectroscopy. Optics Communications, 2008, 281, 1909-1913.	2.1	22
85	Monochromatic-Tunable Terahertz-Wave Sources Based on Nonlinear Frequency Conversion Using Lithium Niobate Crystal. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 295-306.	2.9	22
86	A Fiber-Laser Pumped, High-Power Terahertz Wave Source Based on Optical Rectification of Femtosecond Pulses in 4-Dimethylamino-N-methyl-4-stilbazolium Tosylate Crystal. Applied Physics Express, 2013, 6, 072703.	2.4	22
87	Systematic analysis of inelastic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î±</mml:mi></mml:math> scattering off self-conjugate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:mo>=</mml:mo><mml:mn>4</mml:mn> nuclei. Physical Review C, 2018, 97, .	2.9	22
88	Analog of the giant dipole resonance inHe4. Physical Review C, 2007, 76, .	2.9	21
89	Excitation of giant monopole resonance in 208Pb and 116Sn using inelastic deuteron scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 387-390.	4.1	21
90	Investigation of the non-thermal effects of exposing cells to 70â€“300 GHz irradiation using a widely tunable source. Journal of Radiation Research, 2018, 59, 116-121.	1.6	21

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91	Terahertz wave parametric amplifier. Optics Letters, 2014, 39, 1649.	3.3	20
92	Characteristics of THz-wave radiation using a monolithic grating coupler on a LiNbO3 crystal. Journal of Infrared, Millimeter and Terahertz Waves, 1996, 17, 1839-1849.	0.6	19
93	Excitations of theÎ±cluster inA=6and 7 nuclei. Physical Review C, 2004, 69, .	2.9	19
94	Di-trinucleon cluster resonances inA=6isobar nuclei. Physical Review C, 2005, 71, .	2.9	19
95	Excitation of dipole resonances inHe4and in the Î± clusters ofLi6andLi7. Physical Review C, 2006, 74, .	2.9	19
96	Superconducting Detector Array for Terahertz Imaging Applications. Japanese Journal of Applied Physics, 2006, 45, L1004-L1006.	1.5	19
97	Sub-MeV tunably polarized X-ray production with laser Thomson backscattering. Review of Scientific Instruments, 2008, 79, 053302.	1.3	19
98	Characterization of an STJ-Based Direct Detector of Submillimeter Waves. IEEE Transactions on Applied Superconductivity, 2005, 15, 920-923.	1.7	18
99	A Broad-Band THz Radiation Detector Using a Nb-Based Superconducting Tunnel Junction. IEEE Transactions on Applied Superconductivity, 2005, 15, 591-594.	1.7	18
100	Widely Tunable Monochromatic Cherenkov Phase-Matched Terahertz Wave Generation from Bulk Lithium Niobate. Applied Physics Express, 2010, 3, 082201.	2.4	18
101	Generation of single-cycle terahertz pulse using Cherenkov phase matching with 4-dimethylamino-Nâ€²-methyl-4â€²-stilbazolium tosylate crystal. Applied Physics Express, 2017, 10, 062601.	2.4	18
102	Tabletop terahertz-wave parametric generator using a compact, diode-pumped Nd:YAG laser. Review of Scientific Instruments, 2001, 72, 3501-3504.	1.3	17
103	Terahertz spectroscopy in smectic phases of a bent-core molecule. Physical Review E, 2005, 71, 061701.	2.1	17
104	Cluster states in 13C. Modern Physics Letters A, 2006, 21, 2393-2401.	1.2	17
105	Cherenkov phase matched THz-wave generation with surfing configuration for bulk Lithium Nobate crystal. Optics Express, 2009, 17, 7102.	3.4	17
106	Monolithic Fabry-Perot resonator for the measurement of optical constants in the terahertz range. Applied Physics Letters, 2005, 86, 261107.	3.3	16
107	Highly sensitive electro-optic sampling of terahertz waves using field enhancement in a tapered waveguide structure. Applied Physics Express, 2014, 7, 112401.	2.4	16
108	Dielectric constants of H₂O and D₂O ice in the terahertz frequency regime over a wide temperature range. Journal of Optics (United Kingdom), 2014, 16, 094005.	2.2	16

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109	Real-time wide dynamic range spectrometer using a rapidly wavelength-switchable terahertz parametric source. Optics Letters, 2021, 46, 2618.	3.3	16
110	Component spatial pattern analysis of chemicals by use of two-dimensional electro-optic terahertz imaging. Applied Optics, 2005, 44, 5198.	2.1	15
111	Terahertz-wave absorption in liquids measured using the evanescent field of a silicon waveguide. Applied Physics Letters, 2008, 92, .	3.3	15
112	Reduction of phonon resonant terahertz wave absorption in photoconductive switches using epitaxial layer transfer. Applied Physics Letters, 2009, 94, 113505.	3.3	15
113	Mail screening applications of terahertz radiation. Electronics Letters, 2010, 46, S66.	1.0	15
114	Application of Machine Learning to Terahertz Spectroscopic Imaging of Reagents Hidden By Thick Shielding Materials. IEEE Transactions on Terahertz Science and Technology, 2021, 11, 620-625.	3.1	15
115	Experimental studies of the high and low frequency electromagnetic radiation produced from nonlinear laser-plasma interactions. European Physical Journal D, 2009, 55, 465-474.	1.3	14
116	Proton inelastic scattering to the diluteÎ±-cluster condensed02+state atEx=7.654MeV inC12. Physical Review C, 2010, 81, .	2.9	14
117	Non-destructive Characterization of Soot in Exhaust Filters Using Millimeter-wave Imaging. Journal of Infrared, Millimeter, and Terahertz Waves, 2011, 32, 716-721.	2.2	14
118	Microscopic structure of the Gamow-Teller resonance inCu58. Physical Review C, 2003, 68, .	2.9	13
119	Pulsed High Peak Power Millimeter Wave Generation via Difference Frequency Generation Using Periodically Poled Lithium Niobate. Japanese Journal of Applied Physics, 2007, 46, L982-L984.	1.5	13
120	Trinucleon cluster structures inLi6. Physical Review C, 2004, 69, .	2.9	12
121	A Real-Time Inspection System Using a Terahertz Technique To Detect Microleak Defects in the Seal of Flexible Plastic Packages. Journal of Food Protection, 2005, 68, 833-837.	1.7	12
122	Half Cycle Terahertz Pulse Generation by Prism-Coupled Cherenkov Phase-Matching Method. Journal of Infrared, Millimeter, and Terahertz Waves, 2011, 32, 1168-1177.	2.2	12
123	A Concealed Barcode Identification System Using Terahertz Time-domain Spectroscopy. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 298-311.	2.2	12
124	Frequency of the resonance of the human sweat duct in a normal mode of operation. Biomedical Optics Express, 2018, 9, 1301.	2.9	12
125	Evaluation of the sintering properties of pottery bodies using terahertz time-domain spectroscopy. Journal of Asian Ceramic Societies, 2018, 6, 37-42.	2.3	12
126	Measurement of Hydrated Water in D-Glucose Powder Using THz-Wave Spectroscopy. Bunseki Kagaku, 2007, 56, 851-856.	0.2	11

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127	Six-Billion-Fold Amplification via a Two-Stage Terahertz Parametric Amplifier. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 200-203.	3.1	11
128	Terahertz Sensing for Ensuring the Safety and Security. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2008, 4, 396-400.	0.4	11
129	Monitoring the Frozen State of Freezing Media by using Millimeter Waves. Journal of Electromagnetic Waves and Applications, 2006, 20, 341-349.	1.6	10
130	Organic Nonlinear Optical Single-Crystalline Thin Film Grown by Physical Vapor Deposition for Terahertz Generation. Crystal Growth and Design, 2018, 18, 4029-4036.	3.0	10
131	Noise-free terahertz-wave parametric generator. Optics Letters, 2022, 47, 1113.	3.3	10
132	Characteristics of coherent terahertz wave generation from LiNbO3 optical parametric oscillator. Electronics and Communications in Japan, 1999, 82, 46-53.	0.2	9
133	Terahertz-Wave Generation Using a 4-Dimethylamino-N-methyl-4-stilbazolium tosylate Crystal Under Intra-Cavity Conditions. Applied Physics Express, 2008, 1, 042002.	2.4	9
134	Ionography of nanostructures with the use of a laser plasma of cluster targets. JETP Letters, 2009, 89, 485-491.	1.4	9
135	A Terahertz Wave Parametric Amplifier With a Gain of 55 dB. IEEE Transactions on Terahertz Science and Technology, 2014, 4, 753-755.	3.1	9
136	Verification of Non-thermal Effects of 0.3â€“0.6 THz-Waves on Human Cultured Cells. Photonics, 2019, 6, 33.	2.0	9
137	Real-Time Terahertz Diagnostics for Detecting Microleak Defects in the Seals of Flexible Plastic Packaging. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2007, 1, 338-345.	0.7	8
138	Half-life of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Ho</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>164</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>by the (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 Td (display="inline">< reaction from laser Compton scattering<mml:math xmlns:mml="http://www.w3.org/1998/Math/Mat. Ph	2.9	8
139	Non-destructive Inspection of Chloride Ion in Concrete Structures Using Attenuated Total Reflection of Millimeter Waves. Journal of Infrared, Millimeter, and Terahertz Waves, 2013, 34, 181-186.	2.2	8
140	Cluster structure of broad resonances near threshold in¹²C and¹⁶O. Journal of Physics: Conference Series, 2014, 569, 012009.	0.4	8
141	Single-Cycle Terahertz Pulse Generation from OH1 Crystal via Cherenkov Phase Matching. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 509-513.	2.2	8
142	Improving the Laser-Induced-Damage Tolerance Characteristics of 4-Dimethylamino-<i>N</i>-methyl-4-stilbazoliumtosylate Crystals for THz Wave Generation by Annealing. Japanese Journal of Applied Physics, 2012, 51, 022601.	1.5	8
143	Terahertz Beam Steering via Tilted-Phase Difference-Frequency Mixing. Applied Physics Express, 0, 2, 022301.	2.4	7
144	Broadband THz-wave generation by satisfying the noncollinear phase-matching condition with a reflected signal beam. Applied Optics, 2013, 52, 8305.	1.8	7

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145	Optical evaluation of Cytop, an amorphous fluoropolymer, in the terahertz frequency across a wide temperature range. Applied Physics Express, 2019, 12, 042004.	2.4	7
146	Nondestructive and Real-time Measurement of Moisture in Plant. IEEJ Transactions on Electronics, Information and Systems, 2004, 124, 1672-1677.	0.2	7
147	Strong Resonance and Terahertz Wave Transmission Enhancement of Low-Porosity Metal Hole Array with Bow-Tie-Shaped Apertures. Applied Physics Express, 2009, 2, 122302.	2.4	6
148	3D Spectroscopic computed tomography imaging using terahertz waves. , 2010, , .		6
149	Manipulation and electron-oscillation-measurement of laser accelerated electron beams. Plasma Physics and Controlled Fusion, 2011, 53, 014009.	2.1	6
150	Improving the Laser-Induced-Damage Tolerance Characteristics of 4-Dimethylamino-N-methyl-4-stilbazoliumtosylate Crystals for THz Wave Generation by Annealing. Japanese Journal of Applied Physics, 2012, 51, 022601.	1.5	6
151	Pump wavelength-independent broadband terahertz generation from a nonlinear optical crystal. Optics Letters, 2018, 43, 4100.	3.3	6
152	Nondestructive inspection of sinterability of ceramic tiles by terahertz spectroscopy. Electronics and Communications in Japan, 2019, 102, 19-24.	0.5	6
153	Terahertz-wave antireflection coating on Ge wafer using optical lapping method. Electronics and Communications in Japan, 2000, 83, 10-15.	0.2	5
154	Narrow-linewidth operation of a compact THz-wave parametric generator system. Optics Communications, 2002, 207, 353-359.	2.1	5
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