

# 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	Noise-free terahertz-wave parametric generator. Optics Letters, 2022, 47, 1113.	3.3	10
2	Terahertz Spectroscopy Applied to Estimation of Firing Temperatures of Ancient Ceramics. IEEE Transactions on Terahertz Science and Technology, 2022, 12, 300-306.	3.1	1
3	Multi-Wavelength Terahertz Parametric Generator Using a Seed Laser Based on Four-Wave Mixing. Photonics, 2022, 9, 258.	2.0	2
4	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
5	High-power ASE-free fast wavelength-switchable external cavity diode laser. Applied Optics, 2021, 60, 1953.	1.8	3
6	Effects of the crystal phase and microstructure of pottery bodies on the transmission characteristics of terahertz waves. Journal of Asian Ceramic Societies, 2021, 9, 443-451.	2.3	3
7	Real-time wide dynamic range spectrometer using a rapidly wavelength-switchable terahertz parametric source. Optics Letters, 2021, 46, 2618.	3.3	16
8	Search for $\alpha$ condensed states in $^{13}\text{C}$ using $\alpha$ inelastic scattering. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	1
9	Rapid Identification of THz Tags using Multi-wavelength is-TPG based on a Deep Neural Network. , 2021, , .		1
10	Wide dynamic range imaging system using three-stage terahertz parametric detector. , 2021, , .		0
11	Optical Parameters of Gas Hydrates for Terahertz Applications. Journal of Infrared, Millimeter, and Terahertz Waves, 2020, 41, 375-381.	2.2	0
12	Observation of sublimation of ice using terahertz spectroscopy. Royal Society Open Science, 2020, 7, 192083.	2.4	2
13	Enhanced Terahertz Wave Generation from Cytop Antireflectionâ€‘Coated DAST Crystal. Journal of Infrared, Millimeter, and Terahertz Waves, 2020, 41, 552-556.	2.2	3
14	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
15	Terahertz tag identifiable through shielding materials using machine learning. Optics Express, 2020, 28, 3517.	3.4	28
16	Highly sensitive multi-stage terahertz parametric detector. Optics Letters, 2020, 45, 3905.	3.3	33
17	Nonlinear optical process of second-order nonlinear optical susceptibility $\chi^{(2)}$ in an organic nonlinear optical crystal DAST. Optics Letters, 2020, 45, 5348.	3.3	2
18	Real-time Spectroscopy Using a Wavelength-switching Terahertz Source. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
19	Terahertz parametric generation with pulse train pump beam. , 2020, , .		0
20	High-brightness THz Source with Wide Tunability. , 2020, , .		0
21	Real-time terahertz wave spectrometer using pulse train. , 2020, , .		0
22	Firing Temperature of Ancient Ceramic Shards Estimated by Terahertz Spectroscopy. , 2020, , .		0
23	Verification of unevaluated nonlinear optical process of DAST crystal using the prism coupled Cherenkov phase matching method. , 2020, , .		0
24	Injection-seeded terahertz parametric generator with rapid wavelength tunability using digital micromirror device. , 2020, , .		0
25	Development of multistage terahertz wave parametric detector. , 2019, , .		0
26	Low Noise and High Gain Terahertz Parametric Amplifier. , 2019, , .		0
27	Optimization of terahertz wave generation from nonlinear optical crystal using amorphous fluoropolymer coating. , 2019, , .		0
28	Verification of Non-thermal Effects of 0.3~0.6 THz-Waves on Human Cultured Cells. Photonics, 2019, 6, 33.	2.0	9
29	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
30	Terahertz characterization of propane hydrate. Japanese Journal of Applied Physics, 2019, 58, 032003.	1.5	3
31	Nondestructive inspection of sinterability of ceramic tiles by terahertz spectroscopy. Electronics and Communications in Japan, 2019, 102, 19-24.	0.5	6
32	Observation of Phase Change of Methane Hydrate Using THz Waves. , 2019, , .		0
33	Effect of growth temperature conditions on the optimization of OH1 single-crystalline thin film by physical vapour deposition. CrystEngComm, 2019, 21, 7280-7285.	2.6	0
34	Terahertz Tag Identifiable through Shielding Material. , 2019, , .		1
35	Antireflection coating on organic nonlinear optical crystals using soft materials. Applied Physics Letters, 2019, 115, .	3.3	4
36	Nondestructive Inspection of Sinterability of Ceramic Tiles by Terahertz Spectroscopy. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 137-141.	0.2	0

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37	Investigation of the non-thermal effects of exposing cells to 70–300 GHz irradiation using a widely tunable source. Journal of Radiation Research, 2018, 59, 116-121.	1.6	21
38	Systematic analysis of inelastic $\hat{\Gamma}$ scattering off self-conjugate nuclei. Physical Review C, 2018, 97, .	2.9	22
39	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
40	Optimization of OH1 Single-Crystalline Thin Film for Effective THz Source by Physical Vapor Deposition. , 2018, , .		0
41	A High-Speed and Stable THz Spectroscopic Imaging System Using Multiwavelength is- Tpg. , 2018, , .		0
42	Verification of the non-thermal effects of THz-wave on human cells. , 2018, , .		0
43	Linear to Circular Polarization Conversion of Terahertz Wave Using Metallic Helix Array. , 2018, , .		0
44	Terahertz wave Parametric Amplifier with an Amplification Factor of Two Billion. , 2018, , .		0
45	Perspective: Terahertz wave parametric generator and its applications. Journal of Applied Physics, 2018, 124, .	2.5	80
46	High-Brightness and Continuously Tunable Terahertz-Wave Generation. , 2018, , .		2
47	Frequency of the resonance of the human sweat duct in a normal mode of operation. Biomedical Optics Express, 2018, 9, 1301.	2.9	12
48	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
49	Pump wavelength-independent broadband terahertz generation from a nonlinear optical crystal. Optics Letters, 2018, 43, 4100.	3.3	6
50	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
51	Terahertz spectroscopy using an injection-seeded terahertz parametric generator for quantitative analysis and inspection of over-the-counter medicine tablets. , 2018, , .		2
52	Frequency of resonance of human sweat duct in different modes of operation. , 2018, , .		0
53	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
54	Multiwavelength terahertz-wave parametric generator for one-pulse spectroscopy. Applied Physics Express, 2017, 10, 032401.	2.4	27

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55	Tissue characterization by using phase information of terahertz time domain spectroscopy. , 2017, , .		1
56	Generation of single-cycle terahertz pulse using Cherenkov phase matching with 4-dimethylamino- <i>N</i> -methyl-4- $\pi$ -stilbazolium tosylate crystal. Applied Physics Express, 2017, 10, 062601.	2.4	18
57	Terahertz wave generation from OH1 thin-film crystals grown by physical vapor deposition. , 2017, , .		0
58	Effective Terahertz Wave Parametric Generation Depending on the Pump Pulse Width Using a LiNbO <sub>3</sub> Crystal. IEEE Transactions on Terahertz Science and Technology, 2017, 7, 617-620.	3.1	24
59	One pulse spectroscopic system using multiwavelength is-TPG. , 2017, , .		0
60	THz spectroscopic imaging of reagents hidden in a 56 dB attenuated cardboard box using is-TPG. , 2017, , .		0
61	Generation of terahertz pulses from organic nonlinear optical crystals using prism-coupled Cherenkov phase matching. , 2017, , .		1
62	Injection-Seeded THz Parametric Generator/amplifier. , 2017, , .		0
63	Multiwavelength THz Wave Generation From THz Parametric Generator. , 2017, , .		0
64	Sensing of hidden drugs using is-TPG. , 2017, , .		0
65	Monitoring Theophylline Concentrations in Saline Using Terahertz ATR Spectroscopy. Applied Sciences (Switzerland), 2016, 6, 72.	2.5	4
66	Non-Destructive Inspection of Illicit Drugs Concealed in Mail Envelopes. Journal of the Japan Society for Precision Engineering, 2016, 82, 217-220.	0.1	0
67	THz Spectroscopic Imaging of Chemicals Using IS-TPG. International Journal of High Speed Electronics and Systems, 2016, 25, 1640016.	0.7	0
68	Investigation on resonating frequency of human sweat ducts in normal mode of operation. , 2016, , .		0
69	Two-wavelength generation from injection-seeded terahertz-wave parametric generator. , 2016, , .		0
70	Pharmaceutical tablet inspection with injection-seeded terahertz parametric generation technique. , 2016, , .		3
71	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
72	Terahertz time domain spectroscopy on methane hydrate. , 2016, , .		1

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73	THz spectroscopic imaging of concealed chemicals using is-TPG. , 2016, , .		1
74	Cherenkov phase matched terahertz wave generation from waveguide nonlinear optical crystals. , 2016, , .		0
75	Terahertz wave three-dimensional computed tomography based on injection-seeded terahertz wave parametric emitter and detector. Optics Express, 2016, 24, 6433.	3.4	38
76	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
77	High-Brightness Continuously Tunable Narrowband Subterahertz Wave Generation. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 858-861.	3.1	25
78	Morphological study of human sweat ducts for the investigation of THz-wave interaction (Conference Presentation). , 2016, , .		0
79	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
80	Terahertz characterization of hydrogen bonded materials. , 2015, , .		0
81	The origin of water's dielectric excess wing. , 2015, , .		0
82	Tunability enhancement of injection-seeded THz parametric generator. , 2015, , .		0
83	Non-destructive inspection of chemicals in mail envelopes using an injection-seeded terahertz-wave parametric generator. , 2015, , .		0
84	Evolved injection seeded THz-wave spectrometer for mail inspection. , 2015, , .		3
85	A Concealed Barcode Identification System Using Terahertz Time-domain Spectroscopy. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 298-311.	2.2	12
86	What is the primary mover of water dynamics?. Physical Chemistry Chemical Physics, 2015, 17, 15428-15434.	2.8	34
87	Wider tunability of an injection-seeded THz parametric generator. , 2015, , .		2
88	Spectroscopic Imaging Using Terahertz Waves. Journal of the Japan Society of Colour Material, 2015, 88, 428-433.	0.1	0
89	A terahertz wave parametric amplifier with 55dB gain. , 2014, , .		0
90	Towards broadband THz-TDS: LN waveguide THz emission super focused onto a reversed photoconductive antenna. , 2014, , .		0

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91	Excitation of giant monopole resonance in $^{208}\text{Pb}$ and $^{116}\text{Sn}$ using inelastic deuteron scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 387-390.	4.1	21
92	Morphological study of sweat ducts for the investigation of terahertz waves interaction with human skin. , 2014, , .		0
93	Algorithms for sample identification using is-TPC spectroscopy. , 2014, , .		0
94	THz Parametric Amplifier Using $\text{LiNbO}_3$ Crystal. , 2014, , .		0
95	Terahertz wave parametric amplifier. Optics Letters, 2014, 39, 1649.	3.3	20
96	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
97	A research on the non-thermal effect of THz/MMW irradiation on human fibroblasts cells. , 2014, , .		0
98	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
99	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
100	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
101	A High Dynamic Range and Spectrally Flat Terahertz Spectrometer Based on Optical Parametric Processes in $\text{LiNbO}_3$ . IEEE Transactions on Terahertz Science and Technology, 2014, 4, 523-526.	3.1	31
102	Dielectric constants of $\text{H}_2\text{O}$ and $\text{D}_2\text{O}$ ice in the terahertz frequency regime over a wide temperature range. Journal of Optics (United Kingdom), 2014, 16, 094005.	2.2	16
103	Frequency tunable, high dynamic range THz spectrometer using parametric processes in Lithium Niobate crystal. , 2014, , .		0
104	Study on the density and dimension of human sweat ducts and their frequency of resonance. , 2014, , .		0
105	Cluster structure of broad resonances near threshold in $^{12}\text{C}$ and $^{16}\text{O}$ . Journal of Physics: Conference Series, 2014, 569, 012009.	0.4	8
106	Ultrabright continuously tunable terahertz-wave generation at room temperature. Scientific Reports, 2014, 4, 5045.	3.3	185
107	Terahertz parametric oscillator sources. , 2014, , .		1
108	Coherent Monochromatic Terahertz-wave Pulse Detection using Nonlinear Parametric Conversion at Room Temperature. , 2014, , .		0

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109	Terahertz wave techniques using a metal mesh for evaluating the components of the stratum corneum. <i>Skin Research and Technology</i> , 2013, 19, e383-9.	1.6	1
110	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. <i>Applied Physics B: Lasers and Optics</i> , 2013, 111, 489-493.	2.2	27
111	Cherenkov phase-matched terahertz wave generation using ridge-type waveguide. , 2013, , .		0
112	Non-destructive Inspection of Chloride Ion in Concrete Structures Using Attenuated Total Reflection of Millimeter Waves. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2013, 34, 181-186.	2.2	8
113	Wide Spectrum Terahertz-Wave Generation From Nonlinear Waveguides. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2013, 19, 8500212-8500212.	2.9	26
114	Terahertz applications in tomographic imaging and material spectroscopy: a review. , 2013, , 493-509.		2
115	Broadband THz-wave generation by satisfying the noncollinear phase-matching condition with a reflected signal beam. <i>Applied Optics</i> , 2013, 52, 8305.	1.8	7
116	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. <i>Applied Physics Express</i> , 2013, 6, 072703.	2.4	22
117	Strengths in $S$ and possible excitation of superdeformed and $Si$ $^{28}$ and $^{29}$ .	2.9	29
118	High average power and broadband THz wave generation scheme via optical rectification in 4-dimethylamino-N-methyl-4-stilbazolium tosylate crystal. , 2013, , .		0
119	Broadband terahertz wave generation from ridge waveguide. , 2013, , .		0
120	Parametric amplification of terahertz waves in Lithium Niobate crystal. , 2013, , .		0
121	Realizing of extremely wide dynamic range measurement using high-brightness terahertz-wave. , 2013, , .		0
122	Terahertz-wave parametric generation and detection system covering the range from 1 to 3 THz. , 2013, , .		0
123	Broadband terahertz wave generation from a MgO:LiNbO <sub>3</sub> ridge waveguide pumped by a 15 $\mu$ m femtosecond fiber laser. <i>Optics Letters</i> , 2013, 38, 1654.	3.3	47
124	Nonlinear optical THz sources and applications (invited). , 2013, , .		0
125	Highly sensitive Terahertz-wave Detection by using Nonlinear Parametric Conversion. , 2013, , .		0
126	Waste Handling and Storage in the Decontamination Pilot Projects of JAEA for Environments of Fukushima. , 2013, , .		0



#	ARTICLE	IF	CITATIONS
127	Nonlinear optical THz generation and applications. , 2012, , .		1
128	High-peak-power and Narrow-linewidth Terahertz-wave Generation Pumped by a Microchip Nd:YAG Laser. , 2012, , .		0
129	Non-destructive inspection of chloride ion in concrete structures using millimeter wave attenuated total reflection technique. , 2012, , .		0
130	High-peak-power and tunable terahertz-wave generation and sensitive detection by using nonlinear parametric conversion. , 2012, , .		0
131	Nonlinear optical THz generation and sensing applications. , 2012, , .		0
132	Relativistic high harmonic generation in gas jet targets. , 2012, , .		1
133	Giant monopole resonance in even-A Cd isotopes, the asymmetry term in nuclear incompressibility, and the "softness" of Sn and Cd nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 447-450.	4.1	62
134	Enhancement of THz EO sampling efficiency using waveguides. , 2012, , .		0
135	Cherenkov phase-matched EO sampling of terahertz pulses using heterodyne scheme. , 2012, , .		0
136	The spectra of the multicharged argon hollow ions: Observation, modeling and using for diagnostics of the early stage of the heating of clusters by a super high contrast femtosecond laser pulses. , 2012, , .		0
137	Measurement of chloride ion concentration in concrete structures using terahertz time domain spectroscopy (THz-TDS). Corrosion Science, 2012, 62, 5-10.	6.6	35
138	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
139	THz Tomography. Springer Series in Optical Sciences, 2012, , 433-449.	0.7	1
140	Consistent analysis of the $2s + 2p$ excitation of the $^{12}\text{C}$ Hoyle state populated in proton and $\alpha$ -particle inelastic scattering. Physical Review C, 2012, 86, .	2.9	74
141	High-power, single-longitudinal-mode terahertz-wave generation pumped by a microchip Nd:YAG laser [Invited]. Optics Express, 2012, 20, 2881.	3.4	82
142	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	8
143	Evaluation of organic crystal DASC and DAST for THz difference frequency generation using a cr: Forsterite laser. , 2011, , .		0
144	THz techniques for human skin measurement. , 2011, , .		1

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145	Effects of the self-absorption of X-ray spectral lines in the presence of the laser-cluster interaction. IETP Letters, 2011, 94, 270-276. Candidate for the 2 <sup>nd</sup> excited Hoyle state at $E = 7.680 \text{ MeV}$ .	1.4	2
146	Efficient electro-optic sampling detection and generation of intense THz radiation via Cherenkov-type phase matching in a $\text{LiNbO}_3$ crystal coupled to a Si prism. , 2011, , .	1.9	0
147	Terahertz spectral imaging for drug inspection. , 2011, , .		1
148	Efficient generation and electro-optic sampling detection of THz radiation using Cherenkov phase matching scheme. , 2011, , .		1
149	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
150	Characteristics of the Beam-Steerable Difference-Frequency Generation of Terahertz Radiation. Journal of Infrared, Millimeter, and Terahertz Waves, 2011, 32, 603-617.	2.2	1
151	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
152	Efficient electro-optic sampling detection and generation of intense THz radiation via Cherenkov-type phase matching in a $\text{LiNbO}_3$ crystal coupled to a Si prism. , 2011, , .		0
153	Nonlinear optical waveguide for THz tomography. , 2011, , .		0
154	Manipulation and electron-oscillation-measurement of laser accelerated electron beams. Plasma Physics and Controlled Fusion, 2011, 53, 014009.	2.1	6
155	THz techniques for human skin measurement. , 2011, , .		0
156	Measurements of ISGMR in Sn, Cd and Pb isotopes and the asymmetry of nuclear matter incompressibility. , 2011, , .		1
157	Wideband terahertz generation using nonlinear optical waveguide. , 2011, , .		0
158	High-power, Single-longitudinal-mode Terahertz-wave Generation Pumped by a Microchip Nd:YAG Laser. , 2011, , .		2
159	THz wave generation and imaging for industrial applications. , 2010, , .		2
160	MEASUREMENT OF WATER CONTENT IN HARDENED CEMENT PASTE USING TERAHERTZ RADIATION. Journal of Structural and Construction Engineering, 2010, 75, 1073-1079.	0.5	2
161	Widely Tunable Monochromatic Cherenkov Phase-Matched Terahertz Wave Generation from Bulk Lithium Niobate. Applied Physics Express, 2010, 3, 082201.	2.4	18
162	THz imaging techniques for nondestructive inspections. Comptes Rendus Physique, 2010, 11, 510-518.	0.9	82

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163	Nonlinear optical terahertz wave sources. Optics and Spectroscopy (English Translation of Optika I) Tj ETQq1 1 0.784314 rgBT /Overlo	0.6	3
164	Terahertz tomography system using fiber lasers and applications. , 2010, , .		1
165	Proton inelastic scattering to the dilute $\alpha$ -cluster condensed state at $E_x=7.654$ MeV in $^{12}\text{C}$ . Physical Review C, 2010, 81, .	2.9	14
166	Sub-wavelength structured filters for terahertz region. , 2010, , .		0
167	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
168	3D Spectroscopic computed tomography imaging using terahertz waves. , 2010, , .		6
169	Interview with Professor Kodo Kawase. Electronics Letters, 2010, 46, S65.	1.0	0
170	Isovector dipole resonances in $^4\text{He}$ and neutrino-heating in supernova. , 2010, , .		0
171	Evidence for $\alpha$ -cluster condensation in the $0^+_{[2]}$ state at $E_x=7.654$ MeV in $^{12}\text{C}$ via the $(p,p\alpha)$ reaction at 300 MeV. , 2010, , .		
172	Prism-coupled Cherenkov phase-matched terahertz wave generation using a DAST crystal. Optics Express, 2010, 18, 3338.	3.4	27
173	Mail screening applications of terahertz radiation. Electronics Letters, 2010, 46, S66.	1.0	15
174	Multi-Mode Laser-Pumped Injection-Seeded Terahertz-Wave Parametric Generator. Japanese Journal of Applied Physics, 2010, 49, 102701.	1.5	5
175	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
176	Laser pulse guiding and electron acceleration in the ablative capillary discharge plasma. Physics of Plasmas, 2009, 16, .	1.9	29
177	Beam steering of terahertz radiation generated from periodically poled lithium niobate. , 2009, , .		0
178	Terahertz generation and sensing/imaging applications. , 2009, , .		0
179	Reduction of phonon resonant terahertz wave absorption in photoconductive switches using epitaxial layer transfer. Applied Physics Letters, 2009, 94, 113505.	3.3	15
180	Extremely frequency-widened terahertz wave generation using Cherenkov-type radiation. , 2009, , .		0

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181	Electron Optical Injection with Head-On and Countercrossing Colliding Laser Pulses. Physical Review Letters, 2009, 103, 194803.	7.8	59
182	Thickness measurement of thin dielectric film using metallic mesh. , 2009, , .		0
183	Terahertz imaging for label-free protein detection. , 2009, , .		1
184	Contrast Effect on the Laser Injected Electron Beam. , 2009, , .		0
185	Pulse Compression of Nd:YAG Laser with Stimulated Brillouin Scattering for Compton Backscattered X-ray Source. , 2009, , .		1
186	Femtosecond-Laser-Driven Cluster-Based Plasma Source for High-Resolution Ionography. , 2009, , .		0
187	Ionography of nanostructures with the use of a laser plasma of cluster targets. JETP Letters, 2009, 89, 485-491.	1.4	9
188	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
189	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
190	Extremely frequency-widened terahertz wave generation using Cherenkov-type radiation. Optics Express, 2009, 17, 6676.	3.4	85
191	Cherenkov phase matched THz-wave generation with surfing configuration for bulk Lithium Nobate crystal. Optics Express, 2009, 17, 7102.	3.4	17
192	High-resolution time-of-flight terahertz tomography using a femtosecond fiber laser. Optics Express, 2009, 17, 7533.	3.4	133
193	Tunability enhancement of a terahertz-wave parametric generator pumped by a microchip Nd:YAG laser. Applied Optics, 2009, 48, 2899.	2.1	34
194	Noninvasive Mail Inspection System with Terahertz Radiation. Applied Spectroscopy, 2009, 63, 81-86.	2.2	95
195	Backside observation of large-scale integrated circuits with multilayered interconnections using laser terahertz emission microscope. Applied Physics Letters, 2009, 94, .	3.3	28
196	Terahertz-wave absorption in liquids measured using the evanescent field of a waveguide. , 2009, , .		0
197	Terahertz Sensing of Thin Poly(ethylene Terephthalate) Film Thickness Using a Metallic Mesh. Applied Physics Express, 2009, 2, 012301.	2.4	28
198	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

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