

Irmantas Kačalynas

List of Publications by Year in descending order

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170
papers

2,511
citations

201385

27
h-index

223531

46
g-index

171
all docs

171
docs citations

171
times ranked

2076
citing authors

#	ARTICLE	IF	CITATIONS
1	CMOS Integrated Antenna-Coupled Field-Effect Transistors for the Detection of Radiation From 0.2 to 4.3 THz. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 3834-3843.	2.9	232
2	Field Effect Transistors for Terahertz Detection: Physics and First Imaging Applications. Journal of Infrared, Millimeter, and Terahertz Waves, 2009, 30, 1319.	1.2	199
3	Detection of colon cancer by terahertz techniques. Journal of Molecular Structure, 2011, 1006, 77-82.	1.8	163
4	Antenna-coupled field-effect transistors for multi-spectral terahertz imaging up to 425 THz. Optics Express, 2014, 22, 19235.	1.7	131
5	Experimental evidence of localized plasmon resonance in composite materials containing single-wall carbon nanotubes. Physical Review B, 2012, 85, .	1.1	105
6	Beam patterns of terahertz quantum cascade lasers with subwavelength cavity dimensions. Applied Physics Letters, 2006, 88, 151105.	1.5	104
7	Exploration of Terahertz Imaging with Silicon MOSFETs. Journal of Infrared, Millimeter, and Terahertz Waves, 2014, 35, 63-80.	1.2	80
8	Antenna Model for Wire Lasers. Physical Review Letters, 2006, 96, 173904.	2.9	71
9	Spectroscopic Terahertz Imaging at Room Temperature Employing Microbolometer Terahertz Sensors and Its Application to the Study of Carcinoma Tissues. Sensors, 2016, 16, 432.	2.1	69
10	AlGaIn/GaN HEMT structures on ammono bulk GaN substrate. Semiconductor Science and Technology, 2014, 29, 075004.	1.0	54
11	Terahertz heterodyne imaging with InGaAs-based bow-tie diodes. Applied Physics Letters, 2011, 99, .	1.5	53
12	Terahertz multilevel phase Fresnel lenses fabricated by laser patterning of silicon. Optics Letters, 2017, 42, 1875.	1.7	53
13	Phase locking and spectral linewidth of a two-mode terahertz quantum cascade laser. Applied Physics Letters, 2006, 89, 031115.	1.5	49
14	Soft cutting of single-wall carbon nanotubes by low temperature ultrasonication in a mixture of sulfuric and nitric acids. Nanotechnology, 2012, 23, 495714.	1.3	43
15	Field Effect Transistors for Terahertz Detection and Emission. Journal of Infrared, Millimeter, and Terahertz Waves, 2011, 32, 618-628.	1.2	40
16	InGaAs-based bow-tie diode for spectroscopic terahertz imaging. Journal of Applied Physics, 2011, 110, .	1.1	39
17	Terahertz absorption and reflection imaging of carcinoma-affected colon tissues embedded in paraffin. Journal of Molecular Structure, 2016, 1107, 214-219.	1.8	39
18	0.25- GaN TeraFETs Optimized as THz Power Detectors and Intensity-Gradient Sensors. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 348-350.	2.0	37

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19	Continuous Wave Spectroscopic Terahertz Imaging With InGaAs Bow-Tie Diodes at Room Temperature. IEEE Sensors Journal, 2013, 13, 50-54.	2.4	36
20	Non-destructive inspection of food and technical oils by terahertz spectroscopy. Scientific Reports, 2018, 8, 18025.	1.6	36
21	Electrically driven terahertz radiation of 2DEG plasmons in AlGaIn/GaN structures at 110 K temperature. Applied Physics Letters, 2017, 110, .	1.5	35
22	Room temperature imaging at 1.63 and 2.54 THz with field effect transistor detectors. Journal of Applied Physics, 2010, 108, .	1.1	34
23	Band-pass filters for THz spectral range fabricated by laser ablation. Applied Physics A: Materials Science and Processing, 2011, 104, 953-958.	1.1	34
24	Bessel terahertz imaging with enhanced contrast realized by silicon multi-phase diffractive optics. Optics Express, 2019, 27, 36358.	1.7	30
25	Study of paraffin-embedded colon cancer tissue using terahertz spectroscopy. Journal of Molecular Structure, 2015, 1079, 448-453.	1.8	28
26	Fibonacci terahertz imaging by silicon diffractive optics. Optics Letters, 2018, 43, 2795.	1.7	28
27	Low frequency noise and trap density in GaN/AlGaIn field effect transistors. Applied Physics Letters, 2019, 115, .	1.5	27
28	Focusing Performance of Terahertz Zone Plates with Integrated Cross-shape Apertures. Journal of Infrared, Millimeter, and Terahertz Waves, 2014, 35, 699-702.	1.2	23
29	Terahertz zone plates with integrated laser-ablated bandpass filters. Electronics Letters, 2013, 49, 49-50.	0.5	21
30	Design and Performance of a Room-Temperature Terahertz Detection Array for Real-Time Imaging. IEEE Journal of Selected Topics in Quantum Electronics, 2008, 14, 363-369.	1.9	20
31	Terahertz spectroscopy for the study of paraffin-embedded gastric cancer samples. Journal of Molecular Structure, 2015, 1079, 391-395.	1.8	19
32	Spectroscopic Analysis of Melatonin in the Terahertz Frequency Range. Sensors, 2018, 18, 4098.	2.1	19
33	Experimental evidence of temperature dependent effective mass in AlGaIn/GaN heterostructures observed via THz spectroscopy of 2D plasmons. Applied Physics Letters, 2020, 117, .	1.5	19
34	Terahertz time-domain spectroscopy of two-dimensional plasmons in AlGaIn/GaN heterostructures. Applied Physics Letters, 2020, 117, .	1.5	19
35	AlGaIn/GaN on SiC Devices without a GaN Buffer Layer: Electrical and Noise Characteristics. Micromachines, 2020, 11, 1131.	1.4	19
36	Focusing of Terahertz Radiation With Laser-Ablated Antireflective Structures. IEEE Transactions on Terahertz Science and Technology, 2018, 8, 541-548.	2.0	17

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37	Experimental demonstration of efficient pulsed terahertz emission from a stacked GaAs/AlGaAs p-i-n-i heterostructure. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	16
38	Terahertz homodyne spectroscopic imaging of concealed low-absorbing objects. <i>Optical Engineering</i> , 2019, 58, 1.	0.5	16
39	Laser-processed diffractive lenses for the frequency range of 47 THz. <i>Optics Letters</i> , 2019, 44, 1210.	1.7	16
40	Effects of inclusion dimensions and p-type doping in the terahertz spectra of composite materials containing bundles of single-wall carbon nanotubes. <i>Journal of Nanophotonics</i> , 2012, 6, 061707.	0.4	15
41	Detection of colon cancer by terahertz techniques. , 2011, , .		13
42	On-chip integration of laser-ablated zone plates for detection enhancement of InGaAs bow-tie terahertz detectors. <i>Electronics Letters</i> , 2014, 50, 1367-1369.	0.5	13
43	Investigation of n-type gallium nitride grating for applications in coherent thermal sources. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	13
44	Qualitative and quantitative analysis of calcium-based microfillers using terahertz spectroscopy and imaging. <i>Talanta</i> , 2015, 143, 169-177.	2.9	12
45	Optical Performance of Two Dimensional Electron Gas and GaN:C Buffer Layers in AlGaIn/AlN/GaN Heterostructures on SiC Substrate. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6053.	1.3	12
46	Multifunctional iron and iron oxide nanoparticles in silica. <i>Materials Chemistry and Physics</i> , 2011, 130, 1026-1032.	2.0	11
47	Detectors for terahertz multi-pixel coherent imaging and demonstration of real-time imaging with a 12x12-pixel CMOS array. <i>Proceedings of SPIE</i> , 2012, , .	0.8	11
48	Compact diffractive optics for THz imaging. <i>Lithuanian Journal of Physics</i> , 2018, 58, .	0.1	11
49	Field effect transistors for terahertz detection - silicon versus III-V material issue. <i>Opto-electronics Review</i> , 2010, 18, .	2.4	10
50	Terahertz sensing with carbon nanotube layers coated on silica fibers: Carrier transport versus nanoantenna effects. <i>Applied Physics Letters</i> , 2010, 97, 073116.	1.5	10
51	Development of AlGaIn/GaN/SiC high-electron-mobility transistors for THz detection. <i>Lithuanian Journal of Physics</i> , 2018, 58, .	0.1	10
52	Room temperature operation of AlGaIn/GaN quantum well infrared photodetectors at a 3-4 μm wavelength range. <i>Semiconductor Science and Technology</i> , 2007, 22, 1240-1244.	1.0	9
53	Field effect transistors for terahertz imaging. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 2828-2833.	0.8	9
54	Antenna-coupled Ti-microbolometers for High-sensitivity Terahertz Imaging. <i>Sensors and Actuators A: Physical</i> , 2017, 268, 133-140.	2.0	9

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55	Spatial coherence of hybrid surface plasmon-phonon-polaritons in shallow n-GaN surface-relief gratings. <i>Optics Express</i> , 2021, 29, 13839.	1.7	9
56	Fast optical nonlinearity induced by space-charge waves in dc-biased GaAs. <i>Applied Physics Letters</i> , 2003, 83, 1557-1559.	1.5	8
57	Terahertz imaging using high electron mobility transistors as plasma wave detectors. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 2855-2857.	0.8	8
58	Reflective terahertz imaging with the TEM ₀₁ mode laser beam. <i>Applied Optics</i> , 2013, 52, 5640.	0.9	8
59	Effect of High-Temperature Annealing on Graphene with Nickel Contacts. <i>Condensed Matter</i> , 2019, 4, 21.	0.8	8
60	Terahertz electroluminescence of shallow impurities in AlGaIn/GaN heterostructures at 20 K and 110 K temperature. <i>Materials Science in Semiconductor Processing</i> , 2019, 93, 280-283.	1.9	8
61	Titanium-Based Microbolometers: Control of Spatial Profile of Terahertz Emission in Weak Power Sources. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3400.	1.3	8
62	ANALYSIS OF NOISE CHARACTERISTICS OF GaAs TUNNEL DIODES. <i>Fluctuation and Noise Letters</i> , 2013, 12, 1350014.	1.0	7
63	A high performance room temperature THz sensor. <i>Proceedings of SPIE</i> , 2014, , .	0.8	7
64	Influence of Field Effects on the Performance of InGaAs-Based Terahertz Radiation Detectors. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2017, 38, 689-707.	1.2	7
65	Antenna resonances in terahertz photoconductivity of single wall carbon nanotube fibers. <i>Diamond and Related Materials</i> , 2012, 27-28, 36-39.	1.8	6
66	Selective thermal terahertz emission from GaAs and AlGaAs. <i>Applied Physics Letters</i> , 2014, 105, 091601.	1.5	6
67	Laser processing for precise fabrication of the THz optics. <i>Proceedings of SPIE</i> , 2017, , .	0.8	6
68	Terahertz Electroluminescence of Shallow Impurities in AlGaIn/GaN Heterostructures at Temperatures above 80 K. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1700421.	0.7	6
69	Terahertz spectroscopy and imaging for gastric cancer diagnosis. <i>Journal of Spectral Imaging</i> , 0, , .	0.0	6
70	Frequency-dependent properties of InGaAs bow-tie detectors in terahertz range. <i>Lithuanian Journal of Physics</i> , 2010, 50, 173-180.	0.1	6
71	Schottky diodes and high electron mobility transistors of 2DEG AlGaIn/GaN structures on sapphire substrate. <i>Lithuanian Journal of Physics</i> , 2015, 54, .	0.1	6
72	Investigation of Electron Effective Mass in AlGaIn/GaN Heterostructures by THz Spectroscopy of Drude Conductivity. <i>IEEE Transactions on Electron Devices</i> , 2022, 69, 3636-3640.	1.6	6

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73	Electrical transport in carbon nanotube coatings of silica fibers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 2798-2800.	0.8	5
74	Silicon CMOS-transistor-based detection up to 4.25 THz. , 2011, , .		5
75	Terahertz detection and coherent imaging from 0.2 to 4.3 THz with silicon CMOS field-effect transistors. , 2012, , .		5
76	Low-frequency noise properties of beryllium δ -doped GaAs/AlAs quantum wells near the Mott transition. <i>Journal of Applied Physics</i> , 2013, 113, 083707.	1.1	5
77	Investigation of pharmaceutical drugs and caffeine-containing foods using Fourier and terahertz time-domain spectroscopy. <i>Proceedings of SPIE</i> , 2015, , .	0.8	5
78	Reflectivity of Plasmon-Phonon Modes in Grating-Coupled AlGaIn/GaN Heterostructures Grown on SiC and GaN Substrates. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1700498.	0.7	5
79	Antenna-Coupled Titanium Microbolometers: Application for Precise Control of Radiation Patterns in Terahertz Time-Domain Systems. <i>Sensors</i> , 2021, 21, 3510.	2.1	5
80	Infrared Reflectance Kramers-Kronig Analysis by Anchor-Window Technique. <i>Acta Physica Polonica A</i> , 2011, 119, 140-142.	0.2	5
81	High-Frequency and High-Power Performance of n-Type GaN Epilayers with Low Electron Density Grown on Native Substrate. <i>Materials</i> , 2022, 15, 2066.	1.3	5
82	<title>Some properties of a room temperature THz detection array</title>. , 2006, 6596, 122.		4
83	InGaAs bow-tie diodes for terahertz imaging: low frequency noise characterisation. <i>Proceedings of SPIE</i> , 2012, , .	0.8	4
84	Optimized Tera-FET detector performance based on an analytical device model verified up to 9 THz. , 2013, , .		4
85	THz components and plasmonic structures fabricated by direct laser patterning of metals. , 2014, , .		4
86	Development of the planar AlGaIn/GaN bow-tie diodes for terahertz detection. , 2019, , .		4
87	Laser Processing of Transparent Wafers with a AlGaIn/GaN Heterostructures and High-Electron Mobility Devices on a Backside. <i>Micromachines</i> , 2021, 12, 407.	1.4	4
88	Detection of colon and rectum cancers by terahertz techniques. , 2010, , .		3
89	Spectroscopic terahertz imaging with the InGaAs-based bow-tie diode. , 2011, , .		3
90	Solid surface dependent layering of self-arranged structures with fibril-like assemblies of alpha-synuclein. <i>Applied Surface Science</i> , 2012, 258, 4383-4390.	3.1	3

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91	White noise peculiarities in diode structures. , 2013, , .		3
92	Performance of the antenna coupled microbolometers characterized by the quasi-optical measurements at frequencies 0.1–1.0 THz. , 2013, , .		3
93	Laser-Ablated Silicon in the Frequency Range From 0.1 to 4.7 THz. IEEE Transactions on Terahertz Science and Technology, 2019, 9, 581-586.	2.0	3
94	Inspection of oils, caffeine containing foods and consumable plant leaves by time-domain THz spectroscopy. , 2019, , .		3
95	â€˜Colorâ€™ photography at terahertz frequencies. SPIE Newsroom, 0, , .	0.1	3
96	Optically Driven Domain Instability and High-Frequency Current Oscillations in Photoexcited GaAs under Nonuniform Electron Heating. Acta Physica Polonica A, 2005, 107, 275-279.	0.2	3
97	Charge Carrier Transport Properties in Single-Walled Carbon Nanotube Fibers. Acta Physica Polonica A, 2008, 113, 1039-1042.	0.2	3
98	Electrically-pumped THz emitters based on plasma waves excitation in III-nitride structures. , 2020, , .		3
99	Time resolved photocurrent, microwave spectrum, and multiple high-field domains in dc-biased GaAs. Applied Physics Letters, 2006, 89, 152104.	1.5	2
100	Electrical conductivity of single-wall carbon nanotube films in strong electric field. Journal of Applied Physics, 2013, 113, 183719.	1.1	2
101	Effects of thin dielectric layer on plasmon excitation in perforated metal films. , 2013, , .		2
102	On-chip integration solutions of compact optics and detectors in room-temperature terahertz imaging systems. , 2015, , .		2
103	High spatial resolution terahertz imaging of carcinoma tissues at 0.6 THz frequencies. , 2016, , .		2
104	Application of terahertz spectroscopy for characterization of biologically active organic molecules in natural environment. Proceedings of SPIE, 2016, , .	0.8	2
105	Carrier trapping in the terahertz bow-tie diode based on AlGaIn/GaN-heterostructures. , 2018, , .		2
106	Symmetric bow-tie diode for terahertz detection based on transverse hot-carrier transport. Journal Physics D: Applied Physics, 2020, 53, 275106.	1.3	2
107	Terahertz Spectroscopy of Thermal Radiation from AlGaIn/GaN Heterostructure on Sapphire at Low Temperatures. Applied Sciences (Switzerland), 2020, 10, 851.	1.3	2
108	AlGaIn/GaN HEMTs for THz Plasma Wave Detection and Emission. , 2020, , .		2

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109	The Two-Dimensional Bigradient Effect and Its Application for GHz-THz Sensing. AIP Conference Proceedings, 2007, , .	0.3	1
110	Heterodyne and spectroscopic room temperature terahertz imaging using InGaAs bow-tie diodes. , 2012, , .		1
111	Discrete spectrum terahertz imaging using bow-tie diodes: optimized antenna designs and arrays. Proceedings of SPIE, 2013, , .	0.8	1
112	Terahertz edge detection with antenna-coupled field-effect transistors in 0.25 μm AlGaIn/GaN technology. , 2014, , .		1
113	Thermally stimulated 3×10^{15} THz emission at plasmon-phonon frequencies in polar semiconductors. Semiconductors, 2014, 48, 1557-1561.	0.2	1
114	Antenna-coupled microbolometer-based THz detectors for room temperature beam profile imaging of the photoconductive THz pulse emitters. , 2014, , .		1
115	Study of gastric cancer samples using terahertz techniques. Proceedings of SPIE, 2014, , .	0.8	1
116	Efficient THz emission from the grating coupled AlGaIn/GaN heterostructure on sapphire substrate. Journal of Physics: Conference Series, 2015, 647, 012005.	0.3	1
117	Compact diffractive optical components for terahertz beam manipulation. , 2015, , .		1
118	Terahertz imaging of carcinoma-affected colon tissues fixed in paraffin. , 2015, , .		1
119	Development of the terahertz bow-tie diodes of AlGaIn/GaN-heterostructures with high mobility 2DEG. , 2017, , .		1
120	Terahertz Spectroscopy for Gastrointestinal Cancer Diagnosis. , 0, , .		1
121	Laser-Ablated Antireflective Structures for Terahertz Radiation Focusing. , 2018, , .		1
122	Electrically-controlled THz emission from AlGaIn/GaN/Al ₂ O ₃ high electron mobility transistor structures at a temperature of 20 K. , 2019, , .		1
123	Radiation from shallow oxygen impurity in AlGaIn/GaN HEMT structures in magnetic field. Solid State Communications, 2020, 320, 114019.	0.9	1
124	Compact solutions for spectroscopic solid-state-based terahertz imaging systems. , 2017, , .		1
125	Strong Electric Field Driven Carrier Transport Non-Linearities in n-Type GaAs/AlGaAs Superlattices. Acta Physica Polonica A, 2011, 119, 167-169.	0.2	1
126	Investigation of spatial coherence of hybrid surface plasmon-phonon-polaritons in n-GaN gratings. , 2021, , .		1

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127	Investigation of THz transmission through semi-insulating substrate with a thin conductive layer. , 2021, , .		1
128	Characterization of graphene Drude conductivity by terahertz and infrared spectroscopy methods. , 2021, , .		1
129	Laser-processed diffractive optics for terahertz waves. , 2019, , .		1
130	Development of Quaternary InAlGaN Barrier Layer for High Electron Mobility Transistor Structures. Materials, 2022, 15, 1118.	1.3	1
131	<title>Hot-carrier transport governed optical nonlinearities in dc-biased GaAs crystals</title>. , 2003, , .		0
132	<title>Measurement of the magnetic component of microwave electromagnetic radiation via sub-harmonic mixing</title>. , 2006, , .		0
133	Phase-locking of a two-mode THz quantum cascade laser. , 2006, , .		0
134	Antenna Model for Terahertz Cascade Wire Lasers. , 2006, , .		0
135	The response rate of room temperature terahertz InGaAs-based bow-tie detector with broken symmetry. , 2008, , .		0
136	Terahertz radiation induced non-equilibrium carrier effects in compensated indium antimonide. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2867-2869.	0.8	0
137	Terahertz GaAs/AlGaAs- and InGaAs-based bow-tie diodes: Spectral features and applications for imaging. Journal of Physics: Conference Series, 2009, 193, 012077.	0.3	0
138	Nonlinear carrier transport within gigahertz-terahertz frequencies in spatially non-uniform InSb. Journal of Physics: Conference Series, 2009, 193, 012078.	0.3	0
139	Fabrication of resonant THz mesh filters employing ultrashort-pulse UV laser radiation. , 2010, , .		0
140	Room temperature imaging above one terahertz by field effect transistor as detector. , 2010, , .		0
141	Application of the InGaAs-based bow-tie diodes for terahertz imaging. , 2010, , .		0
142	Terahertz heterodyne detection and imaging with the InGaAs bow-tie diode. , 2011, , .		0
143	Properties of the InGaAs bow-tie diode arrays for room temperature terahertz detection. , 2011, , .		0
144	Low frequency noise characteristics of InGaAs bow-tie diodes for terahertz detection. , 2013, , .		0

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145	Scalable, monolithically-integrated detectors for THz imaging. , 2013, , .		0
146	Finite-size effects in the optical properties of single walled carbon nanotube films. , 2013, , .		0
147	Single walled carbon nanotubes films: Strong electric field induced nonlinear effects in electrical conductivity. , 2013, , .		0
148	Foundry-processed detector arrays for terahertz spectroscopy and real-time imaging applications. , 2013, , .		0
149	Terahertz techniques for solar cell imaging. , 2013, , .		0
150	THz spectroscopy of the ammonothermal p-type GaN substrate with and without AlGaIn/GaN epilayers. , 2013, , .		0
151	High resolution reflective terahertz imaging with the TEM01 mode laser beam and large area detector. , 2013, , .		0
152	Study of terahertz zone plates with integrated cross-shape apertures. , 2013, , .		0
153	Portable solid state CW THz radar system for industrial applications. , 2014, , .		0
154	Terahertz generation by optical mixing of chirped fiber laser pulses. , 2014, , .		0
155	Low frequency noise characteristics of bow-tie THz detectors based on InGaAs. , 2015, , .		0
156	THz emission from grating-coupled AlGaIn/GaN heterostructures: Comparison between plasmonic and thermal emission. , 2015, , .		0
157	Impact of a superlattice on electrical properties of AlGaIn/GaN/sapphire 2DEG structures. Journal of Physics: Conference Series, 2015, 647, 012055.	0.3	0
158	Compact room temperature terahertz imaging: Towards on-chip integration. , 2016, , .		0
159	Progress in Development of the Resonant Tunneling Diodes as Promising Compact Sources at the THz Gap Bottom. NATO Science for Peace and Security Series B: Physics and Biophysics, 2017, , 169-178.	0.2	0
160	Investigation of reflectance spectra of the THz plasmonic structures developed on metal surface. , 2017, , .		0
161	High Numerical Aperture Diffractive Optics for Imaging Applications at 0.6 THz Frequency. , 2018, , .		0
162	Investigation of the reflectivity spectra of n-type GaN semiconductor with surface relief grating. , 2019, , .		0

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163	Investigation of laser-patterned silicon transmittance in the frequency range of 0.1-4.7 THz. , 2019, , .		0
164	Imaging of thick objects using silicon Bessel zone plates at 0.6 THz. , 2019, , .		0
165	Terahertz homodyne imaging for inspection of low absorbing objects. , 2019, , .		0
166	Application of Titanium-based Microbolometers in Terahertz Time-Domain Spectrometers. , 2021, , .		0
167	High-Speed Quadratic Electrooptic Nonlinearity in dc-Biased InP. Acta Physica Polonica A, 2005, 107, 280-285.	0.2	0
168	Infrared reflectance of GaP nanorods. Lithuanian Journal of Physics, 2011, 51, 341-344.	0.1	0
169	Bow-tie diodes for terahertz imaging: Comparative study. Photonics Letters of Poland, 2012, 4, .	0.2	0
170	Fibonacci subterahertz imaging: features and applications. , 2019, , .		0