

# Irmantas Kačalynas

## List of Publications by Year in descending order

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170  
papers

2,511  
citations

201385

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171  
docs citations

171  
times ranked

2076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Quaternary InAlGaN Barrier Layer for High Electron Mobility Transistor Structures. <i>Materials</i> , 2022, 15, 1118.	1.3	1
2	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
3	Investigation of Electron Effective Mass in AlGaN/GaN Heterostructures by THz Spectroscopy of Drude Conductivity. <i>IEEE Transactions on Electron Devices</i> , 2022, 69, 3636-3640.	1.6	6
4	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
5	Laser Processing of Transparent Wafers with a AlGaN/GaN Heterostructures and High-Electron Mobility Devices on a Backside. <i>Micromachines</i> , 2021, 12, 407.	1.4	4
6	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
7	Optical Performance of Two Dimensional Electron Gas and GaN:C Buffer Layers in AlGaN/AlN/GaN Heterostructures on SiC Substrate. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6053.	1.3	12
8	Investigation of spatial coherence of hybrid surface plasmon-phonon-polaritons in n-GaN gratings. , 2021, , .		1
9	Investigation of THz transmission through semi-insulating substrate with a thin conductive layer. , 2021, , .		1
10	Characterization of graphene Drude conductivity by terahertz and infrared spectroscopy methods. , 2021, , .		1
11	Application of Titanium-based Microbolometers in Terahertz Time-Domain Spectrometers. , 2021, , .		0
12	Experimental evidence of temperature dependent effective mass in AlGaN/GaN heterostructures observed via THz spectroscopy of 2D plasmons. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	19
13	Terahertz time-domain spectroscopy of two-dimensional plasmons in AlGaN/GaN heterostructures. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	19
14	Radiation from shallow oxygen impurity in AlGaN/GaN HEMT structures in magnetic field. <i>Solid State Communications</i> , 2020, 320, 114019.	0.9	1
15	AlGaN/GaN on SiC Devices without a GaN Buffer Layer: Electrical and Noise Characteristics. <i>Micromachines</i> , 2020, 11, 1131.	1.4	19
16	Symmetric bow-tie diode for terahertz detection based on transverse hot-carrier transport. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 275106.	1.3	2
17	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
18	Investigation of <i>i&gt;n&lt;/i&gt;-type gallium nitride grating for applications in coherent thermal sources. <i>Applied Physics Letters</i>, 2020, 116, .</i>	1.5	13

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19	Terahertz Spectroscopy of Thermal Radiation from AlGaIn/GaN Heterostructure on Sapphire at Low Temperatures. Applied Sciences (Switzerland), 2020, 10, 851.	1.3	2
20	Electrically-pumped THz emitters based on plasma waves excitation in III-nitride structures. , 2020, , .		3
21	AlGaIn/GaN HEMTs for THz Plasma Wave Detection and Emission. , 2020, , .		2
22	Effect of High-Temperature Annealing on Graphene with Nickel Contacts. Condensed Matter, 2019, 4, 21.	0.8	8
23	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
24	Terahertz electroluminescence of shallow impurities in AlGaIn/GaN heterostructures at 20â€šK and 110â€šK temperature. Materials Science in Semiconductor Processing, 2019, 93, 280-283.	1.9	8
25	Investigation of the reflectivity spectra of n-type GaN semiconductor with surface relief grating. , 2019, , .		0
26	Electrically-controlled THz emission from AlGaIn/GaN/Al <sub>2</sub> O <sub>3</sub> high electron mobility transistor structures at a temperature of 20 K. , 2019, , .		1
27	Investigation of laser-patterned silicon transmittance in the frequency range of 0.1-4.7 THz. , 2019, , .		0
28	Inspection of oils, caffeine containing foods and consumable plant leaves by time-domain THz spectroscopy. , 2019, , .		3
29	Imaging of thick objects using silicon Bessel zone plates at 0.6 THz. , 2019, , .		0
30	Development of the planar AlGaIn/GaN bow-tie diodes for terahertz detection. , 2019, , .		4
31	Terahertz homodyne imaging for inspection of low absorbing objects. , 2019, , .		0
32	Low frequency noise and trap density in GaN/AlGaIn field effect transistors. Applied Physics Letters, 2019, 115, .	1.5	27
33	Terahertz homodyne spectroscopic imaging of concealed low-absorbing objects. Optical Engineering, 2019, 58, 1.	0.5	16
34	Bessel terahertz imaging with enhanced contrast realized by silicon multi-phase diffractive optics. Optics Express, 2019, 27, 36358.	1.7	30
35	Laser-processed diffractive lenses for the frequency range of 47â€š-100â€šTHz. Optics Letters, 2019, 44, 1210.	1.7	16
36	Laser-processed diffractive optics for terahertz waves. , 2019, , .		1

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37	Fibonacci subterahertz imaging: features and applications. , 2019, , .		0
38	Terahertz Electroluminescence of Shallow Impurities in AlGaIn/GaN Heterostructures at Temperatures above 80 K. Physica Status Solidi (B): Basic Research, 2018, 255, 1700421.	0.7	6
39	Reflectivity of Plasmon-Phonon Modes in Grating-Coupled AlGaIn/GaN Heterostructures Grown on SiC and GaN Substrates. Physica Status Solidi (B): Basic Research, 2018, 255, 1700498.	0.7	5
40	High Numerical Aperture Diffractive Optics for Imaging Applications at 0.6 THz Frequency. , 2018, , .		0
41	Spectroscopic Analysis of Melatonin in the Terahertz Frequency Range. Sensors, 2018, 18, 4098.	2.1	19
42	Non-destructive inspection of food and technical oils by terahertz spectroscopy. Scientific Reports, 2018, 8, 18025.	1.6	36
43	Laser-Ablated Antireflective Structures for Terahertz Radiation Focusing. , 2018, , .		1
44	Focusing of Terahertz Radiation With Laser-Ablated Antireflective Structures. IEEE Transactions on Terahertz Science and Technology, 2018, 8, 541-548.	2.0	17
45	Carrier trapping in the terahertz bow-tie diode based on AlGaIn/GaN-heterostructures. , 2018, , .		2
46	Fibonacci terahertz imaging by silicon diffractive optics. Optics Letters, 2018, 43, 2795.	1.7	28
47	Compact diffractive optics for THz imaging. Lithuanian Journal of Physics, 2018, 58, .	0.1	11
48	Development of AlGaIn/GaN/SiC high-electron-mobility transistors for THz detection. Lithuanian Journal of Physics, 2018, 58, .	0.1	10
49	Laser processing for precise fabrication of the THz optics. Proceedings of SPIE, 2017, , .	0.8	6
50	Electrically driven terahertz radiation of 2DEG plasmons in AlGaIn/GaN structures at 110 K temperature. Applied Physics Letters, 2017, 110, .	1.5	35
51	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
52	Antenna-coupled Ti-microbolometers for High-sensitivity Terahertz Imaging. Sensors and Actuators A: Physical, 2017, 268, 133-140.	2.0	9
53	Influence of Field Effects on the Performance of InGaAs-Based Terahertz Radiation Detectors. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 689-707.	1.2	7
54	Investigation of reflectance spectra of the THz plasmonic structures developed on metal surface. , 2017, , .		0

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55	Development of the terahertz bow-tie diodes of AlGaIn/GaN-heterostructures with high mobility 2DEG. , 2017, , .		1
56	Terahertz multilevel phase Fresnel lenses fabricated by laser patterning of silicon. Optics Letters, 2017, 42, 1875.	1.7	53
57	Compact solutions for spectroscopic solid-state-based terahertz imaging systems. , 2017, , .		1
58	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
59	High spatial resolution terahertz imaging of carcinoma tissues at 0.6 THz frequencies. , 2016, , .		2
60	Application of terahertz spectroscopy for characterization of biologically active organic molecules in natural environment. Proceedings of SPIE, 2016, , .	0.8	2
61	Compact room temperature terahertz imaging: Towards on-chip integration. , 2016, , .		0
62	Terahertz absorption and reflection imaging of carcinoma-affected colon tissues embedded in paraffin. Journal of Molecular Structure, 2016, 1107, 214-219.	1.8	39
63	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
64	Efficient THz emission from the grating coupled AlGaIn/GaN heterostructure on sapphire substrate. Journal of Physics: Conference Series, 2015, 647, 012005.	0.3	1
65	Low frequency noise characteristics of bow-tie THz detectors based on InGaAs. , 2015, , .		0
66	Compact diffractive optical components for terahertz beam manipulation. , 2015, , .		1
67	THz emission from grating-coupled AlGaIn/GaN heterostructures: Comparison between plasmonic and thermal emission. , 2015, , .		0
68	Terahertz imaging of carcinoma-affected colon tissues fixed in paraffin. , 2015, , .		1
69	Impact of a superlattice on electrical properties of AlGaIn/GaN/sapphire 2DEG structures. Journal of Physics: Conference Series, 2015, 647, 012055.	0.3	0
70	Terahertz spectroscopy for the study of paraffin-embedded gastric cancer samples. Journal of Molecular Structure, 2015, 1079, 391-395.	1.8	19
71	Qualitative and quantitative analysis of calcium-based microfillers using terahertz spectroscopy and imaging. Talanta, 2015, 143, 169-177.	2.9	12
72	On-chip integration solutions of compact optics and detectors in room-temperature terahertz imaging systems. , 2015, , .		2

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73	Investigation of pharmaceutical drugs and caffeine-containing foods using Fourier and terahertz time-domain spectroscopy. Proceedings of SPIE, 2015, , .	0.8	5
74	Study of paraffin-embedded colon cancer tissue using terahertz spectroscopy. Journal of Molecular Structure, 2015, 1079, 448-453.	1.8	28
75	Schottky diodes and high electron mobility transistors of 2DEG AlGaIn/GaN structures on sapphire substrate. Lithuanian Journal of Physics, 2015, 54, .	0.1	6
76	THz components and plasmonic structures fabricated by direct laser patterning of metals. , 2014, , .		4
77	Portable solid state CW THz radar system for industrial applications. , 2014, , .		0
78	Terahertz edge detection with antenna-coupled field-effect transistors in 0.25 $\mu\text{m}$ AlGaIn/GaN technology. , 2014, , .		1
79	Antenna-coupled field-effect transistors for multi-spectral terahertz imaging up to 425 THz. Optics Express, 2014, 22, 19235.	1.7	131
80	Terahertz generation by optical mixing of chirped fiber laser pulses. , 2014, , .		0
81	Selective thermal terahertz emission from GaAs and AlGaAs. Applied Physics Letters, 2014, 105, 091601.	1.5	6
82	Thermally stimulated $3 \times 10^{15}$ THz emission at plasmon-phonon frequencies in polar semiconductors. Semiconductors, 2014, 48, 1557-1561.	0.2	1
83	On-chip integration of laser-ablated zone plates for detection enhancement of InGaAs bow-tie terahertz detectors. Electronics Letters, 2014, 50, 1367-1369.	0.5	13
84	Antenna-coupled microbolometer-based THz detectors for room temperature beam profile imaging of the photoconductive THz pulse emitters. , 2014, , .		1
85	Study of gastric cancer samples using terahertz techniques. Proceedings of SPIE, 2014, , .	0.8	1
86	A high performance room temperature THz sensor. Proceedings of SPIE, 2014, , .	0.8	7
87	Exploration of Terahertz Imaging with Silicon MOSFETs. Journal of Infrared, Millimeter, and Terahertz Waves, 2014, 35, 63-80.	1.2	80
88	AlGaIn/GaN HEMT structures on ammono bulk GaN substrate. Semiconductor Science and Technology, 2014, 29, 075004.	1.0	54
89	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
90	Continuous Wave Spectroscopic Terahertz Imaging With InGaAs Bow-Tie Diodes at Room Temperature. IEEE Sensors Journal, 2013, 13, 50-54.	2.4	36

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91	Low frequency noise characteristics of InGaAs bow-tie diodes for terahertz detection. , 2013, , .		0
92	White noise peculiarities in diode structures. , 2013, , .		3
93	Discrete spectrum terahertz imaging using bow-tie diodes: optimized antenna designs and arrays. Proceedings of SPIE, 2013, , .	0.8	1
94	Electrical conductivity of single-wall carbon nanotube films in strong electric field. Journal of Applied Physics, 2013, 113, 183719.	1.1	2
95	ANALYSIS OF NOISE CHARACTERISTICS OF GaAs TUNNEL DIODES. Fluctuation and Noise Letters, 2013, 12, 1350014.	1.0	7
96	Performance of the antenna coupled microbolometers characterized by the quasi-optical measurements at frequencies 0.1#x2013;1.0 THz. , 2013, , .		3
97	Scalable, monolithically-integrated detectors for THz imaging. , 2013, , .		0
98	Finite-size effects in the optical properties of single walled carbon nanotube films. , 2013, , .		0
99	Single walled carbon nanotubes films: Strong electric field induced nonlinear effects in electrical conductivity. , 2013, , .		0
100	Optimized Tera-FET detector performance based on an analytical device model verified up to 9 THz. , 2013, , .		4
101	Reflective terahertz imaging with the TEM <sub>01</sub> mode laser beam. Applied Optics, 2013, 52, 5640.	0.9	8
102	Foundry-processed detector arrays for terahertz spectroscopy and real-time imaging applications. , 2013, , .		0
103	Low-frequency noise properties of beryllium $\hat{\Gamma}$ -doped GaAs/AlAs quantum wells near the Mott transition. Journal of Applied Physics, 2013, 113, 083707.	1.1	5
104	Terahertz techniques for solar cell imaging. , 2013, , .		0
105	Terahertz zone plates with integrated laser-etched bandpass filters. Electronics Letters, 2013, 49, 49-50.	0.5	21
106	THz spectroscopy of the ammonothermal p-type GaN substrate with and without AlGaN/GaN epilayers. , 2013, , .		0
107	High resolution reflective terahertz imaging with the TEM <sub>01</sub> mode laser beam and large area detector. , 2013, , .		0
108	Study of terahertz zone plates with integrated cross-shape apertures. , 2013, , .		0

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109	Effects of thin dielectric layer on plasmon excitation in perforated metal films. , 2013, , .		2
110	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
111	Heterodyne and spectroscopic room temperature terahertz imaging using InGaAs bow-tie diodes. , 2012, , .		1
112	InGaAs bow-tie diodes for terahertz imaging: low frequency noise characterisation. Proceedings of SPIE, 2012, , .	0.8	4
113	Solid surface dependent layering of self-arranged structures with fibril-like assemblies of alpha-synuclein. Applied Surface Science, 2012, 258, 4383-4390.	3.1	3
114	Terahertz detection and coherent imaging from 0.2 to 4.3 THz with silicon CMOS field-effect transistors. , 2012, , .		5
115	Detectors for terahertz multi-pixel coherent imaging and demonstration of real-time imaging with a 12x12-pixel CMOS array. Proceedings of SPIE, 2012, , .	0.8	11
116	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
117	Effects of inclusion dimensions and p-type doping in the terahertz spectra of composite materials containing bundles of single-wall carbon nanotubes. Journal of Nanophotonics, 2012, 6, 061707.	0.4	15
118	Antenna resonances in terahertz photoconductivity of single wall carbon nanotube fibers. Diamond and Related Materials, 2012, 27-28, 36-39.	1.8	6
119	Experimental evidence of localized plasmon resonance in composite materials containing single-wall carbon nanotubes. Physical Review B, 2012, 85, .	1.1	105
120	Bow-tie diodes for terahertz imaging: Comparative study. Photonics Letters of Poland, 2012, 4, .	0.2	0
121	Terahertz heterodyne detection and imaging with the InGaAs bow-tie diode. , 2011, , .		0
122	Spectroscopic terahertz imaging with the InGaAs-based bow-tie diode. , 2011, , .		3
123	Silicon CMOS-transistor-based detection up to 4.25 THz. , 2011, , .		5
124	Properties of the InGaAs bow-tie diode arrays for room temperature terahertz detection. , 2011, , .		0
125	Experimental demonstration of efficient pulsed terahertz emission from a stacked GaAs/AlGaAs p-i-n-i heterostructure. Applied Physics Letters, 2011, 98, .	1.5	16
126	Terahertz heterodyne imaging with InGaAs-based bow-tie diodes. Applied Physics Letters, 2011, 99, .	1.5	53



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127	Detection of colon cancer by terahertz techniques. , 2011, , .		13
128	Detection of colon cancer by terahertz techniques. Journal of Molecular Structure, 2011, 1006, 77-82.	1.8	163
129	Multifunctional iron and iron oxide nanoparticles in silica. Materials Chemistry and Physics, 2011, 130, 1026-1032.	2.0	11
130	Field Effect Transistors for Terahertz Detection and Emission. Journal of Infrared, Millimeter, and Terahertz Waves, 2011, 32, 618-628.	1.2	40
131	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
132	InGaAs-based bow-tie diode for spectroscopic terahertz imaging. Journal of Applied Physics, 2011, 110, .	1.1	39
133	Infrared Reflectance Kramers-Kronig Analysis by Anchor-Window Technique. Acta Physica Polonica A, 2011, 119, 140-142.	0.2	5
134	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
135	Infrared reflectance of GaP nanorods. Lithuanian Journal of Physics, 2011, 51, 341-344.	0.1	0
136	Field effect transistors for terahertz detection - silicon versus III-V material issue. Opto-electronics Review, 2010, 18, .	2.4	10
137	Fabrication of resonant THz mesh filters employing ultrashort-pulse UV laser radiation. , 2010, , .		0
138	Detection of colon and rectum cancers by terahertz techniques. , 2010, , .		3
139	Room temperature imaging at 1.63 and 2.54 THz with field effect transistor detectors. Journal of Applied Physics, 2010, 108, .	1.1	34
140	Terahertz sensing with carbon nanotube layers coated on silica fibers: Carrier transport versus nanoantenna effects. Applied Physics Letters, 2010, 97, 073116.	1.5	10
141	Room temperature imaging above one terahertz by field effect transistor as detector. , 2010, , .		0
142	Application of the InGaAs-based bow-tie diodes for terahertz imaging. , 2010, , .		0
143	Frequency-dependent properties of InGaAs bow-tie detectors in terahertz range. Lithuanian Journal of Physics, 2010, 50, 173-180.	0.1	6
144	Field Effect Transistors for Terahertz Detection: Physics and First Imaging Applications. Journal of Infrared, Millimeter, and Terahertz Waves, 2009, 30, 1319.	1.2	199

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145	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
146	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
147	Terahertz radiation induced non-equilibrium carrier effects in compensated indium antimonide. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, 2867-2869.	0.8	0
148	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
149	Terahertz GaAs/AlGaAs- and InGaAs-based bow-tie diodes: Spectral features and applications for imaging. <i>Journal of Physics: Conference Series</i> , 2009, 193, 012077.	0.3	0
150	Nonlinear carrier transport within gigahertz-terahertz frequencies in spatially non-uniform InSb. <i>Journal of Physics: Conference Series</i> , 2009, 193, 012078.	0.3	0
151	Design and Performance of a Room-Temperature Terahertz Detection Array for Real-Time Imaging. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2008, 14, 363-369.	1.9	20
152	The response rate of room temperature terahertz InGaAs-based bow-tie detector with broken symmetry. , 2008, , .		0
153	Charge Carrier Transport Properties in Single-Walled Carbon Nanotube Fibers. <i>Acta Physica Polonica A</i> , 2008, 113, 1039-1042.	0.2	3
154	Room temperature operation of AlGaIn/GaN quantum well infrared photodetectors at a 3-4 $\mu\text{m}$ wavelength range. <i>Semiconductor Science and Technology</i> , 2007, 22, 1240-1244.	1.0	9
155	The Two-Dimensional Bigradient Effect and Its Application for GHz-THz Sensing. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	1
156	Beam patterns of terahertz quantum cascade lasers with subwavelength cavity dimensions. <i>Applied Physics Letters</i> , 2006, 88, 151105.	1.5	104
157	<title>Measurement of the magnetic component of microwave electromagnetic radiation via sub-harmonic mixing</title>. , 2006, , .		0
158	Phase locking and spectral linewidth of a two-mode terahertz quantum cascade laser. <i>Applied Physics Letters</i> , 2006, 89, 031115.	1.5	49
159	<title>Some properties of a room temperature THz detection array</title>. , 2006, 6596, 122.		4
160	Antenna Model for Wire Lasers. <i>Physical Review Letters</i> , 2006, 96, 173904.	2.9	71
161	Phase-locking of a two-mode THz quantum cascade laser. , 2006, , .		0
162	Time resolved photocurrent, microwave spectrum, and multiple high-field domains in dc-biased GaAs. <i>Applied Physics Letters</i> , 2006, 89, 152104.	1.5	2

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163	Antenna Model for Terahertz Cascade Wire Lasers. , 2006, , .		0
164	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
165	High-Speed Quadratic Electrooptic Nonlinearity in dc-Biased InP. Acta Physica Polonica A, 2005, 107, 280-285.	0.2	0
166	Fast optical nonlinearity induced by space-charge waves in dc-biased GaAs. Applied Physics Letters, 2003, 83, 1557-1559.	1.5	8
167	<title>Hot-carrier transport governed optical nonlinearities in dc-biased GaAs crystals</title>. , 2003, , .		0
168	Terahertz Spectroscopy for Gastrointestinal Cancer Diagnosis. , 0, , .		1
169	â€ˆColorâ€™™ photography at terahertz frequencies. SPIE Newsroom, 0, , .	0.1	3
170	Terahertz spectroscopy and imaging for gastric cancer diagnosis. Journal of Spectral Imaging, 0, , .	0.0	6