

# Petr Kuzel

## List of Publications by Year in descending order

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206  
papers

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87723

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208  
docs citations

208  
times ranked

4773  
citing authors

#	ARTICLE	IF	CITATIONS
1	Terahertz electrical writing speed in an antiferromagnetic memory. <i>Science Advances</i> , 2018, 4, eaar3566.	4.7	221
2	Coexistence of the Phonon and Relaxation Soft Modes in the Terahertz Dielectric Response of Tetragonal $\text{BaTiO}_3$ . <i>Physical Review Letters</i> , 2008, 101, 167402.	2.9	191
3	Thermally tunable filter for terahertz range based on a one-dimensional photonic crystal with a defect. <i>Journal of Applied Physics</i> , 2004, 96, 4072-4075.	1.1	132
4	Highly tunable photonic crystal filter for the terahertz range. <i>Optics Letters</i> , 2005, 30, 549.	1.7	127
5	Optical rectification at metal surfaces. <i>Optics Letters</i> , 2004, 29, 2674.	1.7	125
6	Influence of the Electron-Cation Interaction on Electron Mobility in Dye-Sensitized ZnO and $\text{TiO}_2$ Nanocrystals: A Study Using Ultrafast Terahertz Spectroscopy. <i>Physical Review Letters</i> , 2010, 104, 197401.	2.9	116
7	Far-infrared response of free charge carriers localized in semiconductor nanoparticles. <i>Physical Review B</i> , 2009, 79, .	1.1	114
8	Multiple Soft-Mode Vibrations of Lead Zirconate. <i>Physical Review Letters</i> , 2014, 112, 197601.	2.9	110
9	High frequency dielectric properties of A5B4O15 microwave ceramics. <i>Journal of Applied Physics</i> , 2001, 89, 3900-3906.	1.1	106
10	Charge transport in nanostructured materials for solar energy conversion studied by time-resolved terahertz spectroscopy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 215, 123-139.	2.0	103
11	Ultrafast opto-terahertz photonic crystal modulator. <i>Optics Letters</i> , 2007, 32, 680.	1.7	101
12	Phase-sensitive time-domain terahertz reflection spectroscopy. <i>Review of Scientific Instruments</i> , 2003, 74, 4711-4717.	0.6	100
13	Study of terahertz radiation generated by optical rectification on thin gold films. <i>Optics Letters</i> , 2005, 30, 1402.	1.7	99
14	Tunable terahertz metamaterials with negative permeability. <i>Physical Review B</i> , 2009, 79, .	1.1	99
15	Tunable structures and modulators for THz light. <i>Comptes Rendus Physique</i> , 2008, 9, 197-214.	0.3	96
16	Gouy shift correction for highly accurate refractive index retrieval in time-domain terahertz spectroscopy. <i>Optics Express</i> , 2010, 18, 15338.	1.7	91
17	Carrier dynamics in low-temperature grown GaAs studied by terahertz emission spectroscopy. <i>Journal of Applied Physics</i> , 2001, 90, 1303-1306.	1.1	90
18	Ultrafast carrier dynamics in microcrystalline silicon probed by time-resolved terahertz spectroscopy. <i>Physical Review B</i> , 2009, 79, .	1.1	77

#	ARTICLE	IF	CITATIONS
19	Optical rectification at metal surfaces. , 0, , .		74
20	Dielectric tunability of SrTiO <sub>3</sub> thin films in the terahertz range. Applied Physics Letters, 2006, 88, 102901.	1.5	70
21	Methodology of an optical pump-terahertz probe experiment: An analytical frequency-domain approach. Journal of Chemical Physics, 2002, 117, 8454-8466.	1.2	65
22	A metal-dielectric antenna for terahertz near-field imaging. Journal of Applied Physics, 2005, 98, 014910.	1.1	63
23	Water-Dispersible Small Monodisperse Electrically Conducting Antimony Doped Tin Oxide Nanoparticles. Chemistry of Materials, 2015, 27, 1090-1099.	3.2	59
24	Highly tunable SrTiO <sub>3</sub> •DyScO <sub>3</sub> heterostructures for applications in the terahertz range. Applied Physics Letters, 2007, 91, .	1.5	56
25	Polar phonons and central mode in antiferroelectric PbZrO <sub>3</sub> ceramics. Journal of Physics Condensed Matter, 2001, 13, 2677-2689.	0.7	55
26	Demonstration of molecular beam epitaxy and a semiconducting band structure for I-Mn-V compounds. Physical Review B, 2011, 83, .	1.1	55
27	Terahertz Spectroscopy of Nanomaterials: a Close Look at Charge•Carrier Transport. Advanced Optical Materials, 2020, 8, 1900623.	3.6	53
28	Propagation of terahertz pulses in photoexcited media: Analytical theory for layered systems. Journal of Chemical Physics, 2007, 127, 024506.	1.2	51
29	Spatiotemporal transformations of ultrashort terahertz pulses. Journal of the Optical Society of America B: Optical Physics, 1999, 16, 1795.	0.9	50
30	Fast one-dimensional photonic crystal modulators for the terahertz range. Optics Express, 2007, 15, 8898.	1.7	48
31	Temperature and electric field tuning of the ferroelectric soft mode in a strained $\text{SrTiO}_3$ Physical Review B, 2009, 80, .	1.1	48
32	Resonant magnetic response of TiO <sub>2</sub> microspheres at terahertz frequencies. Applied Physics Letters, 2012, 100, 061117.	1.5	48
33	Terahertz conductivity in nanoscaled systems: effective medium theory aspects. Journal Physics D: Applied Physics, 2014, 47, 374005.	1.3	48
34	Systematic Study of Mn-Doping Trends in Optical Properties of (Ga,Mn)As. Physical Review Letters, 2010, 105, 227201.	2.9	45
35	Soft mode behavior in SrTiO <sub>3</sub> /DyScO <sub>3</sub> thin films: Evidence of ferroelectric and antiferrodistortive phase transitions. Applied Physics Letters, 2009, 95, .	1.5	44
36	High tunability of the soft mode in strained SrTiO <sub>3</sub> /DyScO <sub>3</sub> multilayers. Journal of Physics Condensed Matter, 2009, 21, 115902.	0.7	42

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37	Terahertz surface resistance of high temperature superconducting thin films. Journal of Applied Physics, 2000, 87, 2984-2988.	1.1	40
38	Defect modes caused by twinning in one-dimensional photonic crystals. Journal of the Optical Society of America B: Optical Physics, 2004, 21, 548.	0.9	40
39	Predicting Solar Cell Performance from Terahertz and Microwave Spectroscopy. Advanced Energy Materials, 2022, 12, .	10.2	40
40	Effect of stoichiometry on the dielectric properties and soft mode behavior of strained epitaxial SrTiO <sub>3</sub> thin films on DyScO <sub>3</sub> substrates. Applied Physics Letters, 2013, 102, .	1.5	39
41	Optical two-photon absorption in GaAs measured by optical-pump terahertz-probe spectroscopy. Physical Review B, 2004, 70, .	1.1	38
42	Broadband dielectric terahertz metamaterials with negative permeability. Optics Letters, 2009, 34, 3541.	1.7	38
43	Broad-band dielectric spectroscopy and ferroelectric soft-mode response in the Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> solid solution. Journal of Physics Condensed Matter, 2009, 21, 474215.	0.7	37
44	Time-domain terahertz study of defect formation in one-dimensional photonic crystals. Applied Optics, 2004, 43, 1965.	2.1	36
45	Infrared and Raman studies of the dead grain-boundary layers in SrTiO <sub>3</sub> fine-grain ceramics. Journal of Physics Condensed Matter, 2007, 19, 196222.	0.7	35
46	Contrast in terahertz conductivity of phase-change materials. Solid State Communications, 2012, 152, 852-855.	0.9	35
47	Charge Transport in $\text{TiO}_2$ Films With Complex Percolation Pathways Investigated by Time-Resolved Terahertz Spectroscopy. IEEE Transactions on Terahertz Science and Technology, 2013, 3, 302-313.	2.0	33
48	Near-field probing of Mie resonances in single TiO <sub>2</sub> microspheres at terahertz frequencies. Optics Express, 2014, 22, 23034.	1.7	33
49	Nonresonant ionization of oxygen molecules by femtosecond pulses: Plasma dynamics studied by time-resolved terahertz spectroscopy. Journal of Chemical Physics, 2005, 123, 104310.	1.2	32
50	Ultrafast conductivity in a low-band-gap polyphenylene and fullerene blend studied by terahertz spectroscopy. Physical Review B, 2009, 79, .	1.1	32
51	Dielectric Response of Soft Modes in Ferroelectric Thin Films. Ferroelectrics, 2003, 288, 169-185.	0.3	31
52	Study of the ferroelectric phase transition in germanium telluride using time-domain terahertz spectroscopy. Physical Review B, 2011, 84, .	1.1	31
53	Electric-field-tunable defect mode in one-dimensional photonic crystal operating in the terahertz range. Applied Physics Letters, 2013, 102, .	1.5	31
54	Time-resolved terahertz transmission spectroscopy of dielectrics. Ferroelectrics, 2000, 239, 79-86.	0.3	29

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55	Independent determination of the complex refractive index and wave impedance by time-domain terahertz spectroscopy. Optics Communications, 2006, 260, 175-183.	1.0	29
56	Ultrafast far-infrared dynamics probed by terahertz pulses: A frequency-domain approach. II. Applications. Journal of Chemical Physics, 2005, 122, 104504.	1.2	27
57	Active optical control of the terahertz reflectivity of high-resistivity semiconductors. Optics Letters, 2005, 30, 1992.	1.7	27
58	Dynamics of the phase transitions in Bi-layered ferroelectrics with Aurivillius structure: Dielectric response in the terahertz spectral range. Physical Review B, 2006, 74, .	1.1	27
59	Materials with on-demand refractive indices in the terahertz range. Optics Letters, 2008, 33, 2275.	1.7	26
60	Ferroelectric phase transition in polycrystalline KTaO <sub>3</sub> thin film revealed by terahertz spectroscopy. Applied Physics Letters, 2011, 99, .	1.5	26
61	Ultrafast far-infrared dynamics probed by terahertz pulses: A frequency domain approach. I. Model systems. Journal of Chemical Physics, 2005, 122, 104503.	1.2	25
62	Tuning of dielectric properties of SrTiO <sub>3</sub> in the terahertz range. Physical Review B, 2011, 84, .	1.1	24
63	Terahertz and infrared spectroscopic evidence of phonon-paramagnon coupling in hexagonal piezomagnetic YMnO <sub>3</sub> . Physical Review B, 2011, 84, .	1.1	23
64	Systematic study of terahertz response of SrTiO <sub>3</sub> -based heterostructures: Influence of strain, temperature, and electric field. Physical Review B, 2014, 89, .	1.1	22
65	Band structure of CuMnAs probed by optical and photoemission spectroscopy. Physical Review B, 2018, 97, .	1.1	22
66	Tunable THz metamaterials based on an array of paraelectric SrTiO <sub>3</sub> rods. Applied Physics A: Materials Science and Processing, 2011, 103, 689-692.	1.1	21
67	Terahertz surface impedance of epitaxial MgB <sub>2</sub> thin film. Applied Physics Letters, 2005, 87, 092503.	1.5	20
68	Field-induced soft mode hardening in SrTiO <sub>3</sub> /DyScO <sub>3</sub> multilayers. Applied Physics Letters, 2008, 93, .	1.5	20
69	High photocarrier mobility in ultrafast ion-irradiated In <sub>0.53</sub> Ga <sub>0.47</sub> As for terahertz applications. Journal Physics D: Applied Physics, 2009, 42, 195103.	1.3	20
70	Ultrafast terahertz photoconductivity in nanocrystalline mesoporous TiO <sub>2</sub> films. Applied Physics Letters, 2010, 96, 062103.	1.5	20
71	Charge transport and localization in nanocrystalline CdS films: A time-resolved terahertz spectroscopy study. Physical Review B, 2011, 83, .	1.1	20
72	Emergence of central mode in the paraelectric phase of ferroelectric perovskites. MRS Communications, 2013, 3, 41-45.	0.8	20

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73	One-dimensional tunable photonic crystals with spin crossover material for the terahertz range. Applied Physics Letters, 2006, 89, 174105.	1.5	19
74	Lattice dynamics and broad-band dielectric properties of the KTaO <sub>3</sub> ceramics. Journal of Applied Physics, 2012, 111, .	1.1	19
75	THz photoconductivity in light-emitting surface-oxidized Si nanocrystals: the role of large particles. New Journal of Physics, 2014, 16, 093013.	1.2	19
76	Conductivity Mechanisms in Sb-Doped SnO <sub>2</sub> Nanoparticle Assemblies: DC and Terahertz Regime. Journal of Physical Chemistry C, 2015, 119, 19485-19495.	1.5	19
77	Quantum theory of terahertz conductivity of semiconductor nanostructures. Physical Review B, 2018, 97, .	1.1	19
78	Ultrafast carrier dynamics in $\text{BrInP}$ studied by time-resolved terahertz spectroscopy. Physical Review B, 2008, 78, .	1.8	18
79	The ferroelectric soft mode and central mode in SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> films. Journal of Physics Condensed Matter, 2003, 15, 8095-8102.	0.7	17
80	Ultrabroadband dielectric spectroscopy and phonons in (Pb <sub>1-x/2</sub> Lax)(Zr <sub>0.9</sub> Ti <sub>0.1</sub> )O <sub>3</sub> . Journal of Applied Physics, 2010, 108, 104101.	1.1	17
81	Terahertz imaging of sub-wavelength particles with Zenneck surface waves. Applied Physics Letters, 2013, 103, .	1.5	17
82	Tunable dielectric properties of KTaO <sub>3</sub> single crystals in the terahertz range. Journal Physics D: Applied Physics, 2016, 49, 065306.	1.3	16
83	Transition between metamaterial and photonic-crystal behavior in arrays of dielectric rods. Optics Express, 2014, 22, 30492.	1.7	15
84	Splitting of magnetic dipole modes in anisotropic TiO <sub>2</sub> microspheres. Laser and Photonics Reviews, 2016, 10, 681-687.	4.4	15
85	THz and infrared studies of multiferroic hexagonal Y <sub>1-x</sub> Eu <sub>x</sub> MnO <sub>3</sub> (0.2) ceramics. Phase Transitions, 2010, 83, 931-941.		14
86	Far-infrared electrodynamics of thin superconducting NbN film in magnetic fields. Superconductor Science and Technology, 2014, 27, 055009.	1.8	14
87	Infrared and THz Soft-Mode Spectroscopy of (Ba,Sr)TiO <sub>3</sub> Ceramics. Ferroelectrics, 2008, 367, 139-148.	0.3	13
88	Phonon anomalies in Pb <sub>1-x/2</sub> Lax(Zr <sub>0.9</sub> Ti <sub>0.1</sub> )O <sub>3</sub> ceramics. Applied Physics Letters, 2009, 94, 052903.	1.5	13
89	Charge carrier mobility in poly[methyl(phenyl)silylene] studied by time-resolved terahertz spectroscopy and molecular modelling. Physical Chemistry Chemical Physics, 2011, 13, 2850-2856.	1.3	13
90	Tuning the Conduction Mechanism in Niobium-Doped Titania Nanoparticle Networks. Journal of Physical Chemistry C, 2011, 115, 6968-6974.	1.5	13

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91	Long-range and high-speed electronic spin-transport at a GaAs/AlGaAs semiconductor interface. Scientific Reports, 2016, 6, 22901.	1.6	13
92	Brillouin and ultrasonic studies of phase transitions in Cs <sub>2</sub> CdBr <sub>4</sub> . I. Experimental. Physical Review B, 1994, 49, 6553-6562.	1.1	11
93	Study of responsiveness of near-field terahertz imaging probes. Journal Physics D: Applied Physics, 2009, 42, 155501.	1.3	11
94	Charge transport in silicon nanocrystal superlattices in the terahertz regime. Physical Review B, 2015, 91, .	1.1	11
95	Dielectric properties of vertically aligned multi-walled carbon nanotubes in the terahertz and mid-infrared range. Journal Physics D: Applied Physics, 2018, 51, 034004.	1.3	11
96	Comparative study of hypersonic propagation in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> single crystals and thin films. Journal of Physics Condensed Matter, 2001, 13, 167-175.	0.7	10
97	High-temperature phase transitions in SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> film: a study by THz spectroscopy. Journal of Physics Condensed Matter, 2004, 16, 6763-6769.	0.7	10
98	Lattice dynamics in Ba <sub>0.7</sub> Sr <sub>0.3</sub> TiO <sub>3</sub> : study by THz and IR spectroscopy and <i>ab initio</i> simulations. Phase Transitions, 2010, 83, 955-965.	0.6	10
99	Performance Comparison of Time-Domain Terahertz, Multi-terahertz, and Fourier Transform Infrared Spectroscopies. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 1249-1263.	1.2	10
100	Brillouin and ultrasonic studies of phase transitions in Cs <sub>2</sub> CdBr <sub>4</sub> . II. Phenomenological interpretation. Physical Review B, 1994, 49, 6563-6574.	1.1	9
101	Optical pump-terahertz probe spectroscopy of dyes in solutions: Probing the dynamics of liquid solvent or solid precipitate?. Journal of Chemical Physics, 2004, 120, 912-917.	1.2	9
102	Transmission properties and band structure of a segmented dielectric waveguide for the terahertz range. Optics Communications, 2007, 273, 99-104.	1.0	9
103	Time-domain Terahertz spectroscopy as a diagnostic tool for the electrodynamic properties of high temperature superconductors. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2271-2272.	0.6	8
104	Synthesis and properties of dielectric Bi <sub>2</sub> (Zn <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>2</sub> O <sub>7</sub> thin films. Journal of the European Ceramic Society, 2001, 21, 2731-2734.	2.8	8
105	Carrier dynamics in microcrystalline silicon studied by time-resolved terahertz spectroscopy. Journal of Non-Crystalline Solids, 2006, 352, 2846-2849.	1.5	8
106	Assessing skin hydration status in haemodialysis patients using terahertz spectroscopy: a pilot/feasibility study. Physics in Medicine and Biology, 2008, 53, 7063-7071.	1.6	8
107	TiO <sub>2</sub> microsphere-based metamaterials exhibiting effective magnetic response in the terahertz regime. Applied Physics A: Materials Science and Processing, 2012, 109, 891-894.	1.1	8
108	Self-referenced ultra-broadband transient terahertz spectroscopy using air-photonics. Optics Express, 2016, 24, 10157.	1.7	8

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109	Experimental Gouy phase shift compensation in Terahertz time-domain spectroscopy. Photonics and Nanostructures - Fundamentals and Applications, 2018, 31, 129-133.	1.0	8
110	Ultrafast Plasmon Thermalization in Epitaxial Graphene Probed by Time-Resolved THz Spectroscopy. Advanced Functional Materials, 2021, 31, 2105763.	7.8	8
111	Improving security in terahertz wireless links using beam symmetry of vortex and Gaussian beams. Optics Express, 2021, 29, 30461.	1.7	8
112	Time-Resolved and Backward-Wave Oscillator Submillimetre Spectroscopy of Some Ferroelectric Ceramics and Thin Films. Ferroelectrics, 2002, 272, 219-224.	0.3	7
113	An interconnected 2D-TM EBG structure for millimeter and submillimeter waves. IEEE Journal on Selected Areas in Communications, 2005, 23, 1378-1384.	9.7	7
114	Photoionization of atmospheric gases studied by time-resolved terahertz spectroscopy. Chemical Physics Letters, 2008, 465, 20-24.	1.2	7
115	Quantum behavior of terahertz photoconductivity in silicon nanocrystals networks. Physical Review B, 2017, 95, .	1.1	7
116	Electric-field tuning of a planar terahertz metamaterial based on strained SrTiO <sub>3</sub> layers. Journal Physics D: Applied Physics, 2018, 51, 054001.	1.3	7
117	Time-Domain Terahertz Spectroscopy of SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> . Ferroelectrics, 2004, 300, 125-129.	0.3	6
118	Negative Index of Refraction in Anisotropic Nonmagnetic Materials. Ferroelectrics, 2006, 338, 195-203.	0.3	6
119	Submillimeter and Far Infrared Dielectric Response of Bi-Doped SrTiO <sub>3</sub> Ceramics. Ferroelectrics, 2003, 294, 133-139.	0.3	6
120	Ultrafast carrier response of Br <sup>+</sup> -irradiated In <sub>0.53</sub> Ga <sub>0.47</sub> As excited at telecommunication wavelengths. Journal of Applied Physics, 2012, 111, 093721.	1.1	5
121	Thin film polycrystalline Si solar cells studied in transient regime by optical pump-terahertz probe spectroscopy. Applied Physics Letters, 2015, 107, 233901.	1.5	5
122	Bulk magnetic terahertz metamaterials based on dielectric microspheres. Optics Express, 2016, 24, 18340.	1.7	5
123	THz transmission spectroscopy applied to dielectrics and microwave ceramics. Ferroelectrics, 2001, 254, 113-120.	0.3	4
124	Microwave and Terahertz Surface Resistance of MgB <sub>2</sub> Thin Films. Journal of Superconductivity and Novel Magnetism, 2007, 19, 617-623.	0.8	4
125	Picosecond charge transport in rutile at high carrier densities studied by transient terahertz spectroscopy. Physical Review B, 2016, 94, .	1.1	4
126	Submillimeter and Far Infrared Dielectric Response of Bi-Doped SrTiO <sub>3</sub> Ceramics. Ferroelectrics, 2003, 294, 133-139.	0.3	3



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127	THz Near-Field Spectroscopy Based on Metal-Dielectric Antennae. , 2006, , .		3
128	Terahertz and far-infrared response of $\text{BaSr}^{1\lambda}\text{TiO}_3$ films. Phase Transitions, 2010, 83, 966-973.	0.6	3
129	Anisotropic dielectric response of lead zirconate crystals in the terahertz and infrared range at low temperature. Phase Transitions, 2014, 87, 1129-1137.	0.6	3
130	Departure from BCS response in photoexcited superconducting NbN films observed by terahertz spectroscopy. Physical Review B, 2018, 97, .	1.1	3
131	Photoconductive, dielectric and percolation properties of anodic $\text{TiO}_2$ nanotubes studied by terahertz spectroscopy. Journal Physics D: Applied Physics, 2018, 51, 014004.	1.3	3
132	Charge Transport in Single-Crystalline GaAs Nanobars: Impact of Band Bending Revealed by Terahertz Spectroscopy. Advanced Functional Materials, 2022, 32, 2107403.	7.8	3
133	Polar ordering in PLZT 8/65/35 studied by second harmonic generation. Ferroelectrics, 2000, 238, 291-298.	0.3	2
134	Phase transition in lead titanate thin films: a Brillouin study. Journal of Physics Condensed Matter, 2002, 14, 12287-12300.	0.7	2
135	Electric field tuning of hard polar phonons in strained $\text{SrTiO}_3$ films. Journal of Applied Physics, 2010, 107, 124116.	1.1	2
136	Unusual dynamics of the ferroelectric phase transition in $\text{K}_1\text{O}_3$ crystals. Physical Review B, 2022, 105, .		
137	Brillouin scattering in a ferroelectric liquid crystal: A study of the liquid-smectic-smectic $C^*$ phase sequence. Ferroelectrics, 1996, 185, 77-80.	0.3	1
138	Brillouin study of acoustic modes in isotropic, smectic-A, and smectic- $C^*$ phases in a ferroelectric liquid crystal. Physical Review E, 1996, 54, 6404-6412.	0.8	1
139	Anisotropic relaxation in liquid crystals. Physical Review E, 1998, 57, 1812-1816.	0.8	1
140	Full spectrum dielectric response of $\text{Bi}_2(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_7$ thin films in terahertz, infrared and optical frequency regions. Materials Chemistry and Physics, 2003, 79, 161-163.	2.0	1
141	Optical two-photon absorption in GaAs measured by optical pump-terahertz probe spectroscopy. , 0, , .		1
142	<title>Optical rectification at metal surfaces investigated in the terahertz frequency range</title>. , 2006, 6257, 179.		1
143	Study of the ferroelectric phase transition in GeTe using time-domain THz spectroscopy. , 2011, , .		1
144	Charge transport in Sb-doped $\text{SnO}_2$ nanoparticles studied by THz spectroscopy. , 2015, , .		1

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145	Contactless probing of thin film Si solar cells by time-resolving THz spectroscopy. , 2016, , .		1
146	Near-field THz time-domain spectroscopy of anisotropic dielectric micro-particles. , 2016, , .		1
147	Phase transitions in Cs <sub>2</sub> CdBr <sub>4</sub> : A Brillouin study. <i>Ferroelectrics</i> , 1994, 152, 307-312.	0.3	0
148	Phase transitions in Cs <sub>2</sub> CdBr <sub>4</sub> : Dynamic study of the coupling of the elastic strains to the order parameter. <i>Ferroelectrics</i> , 2000, 239, 71-78.	0.3	0
149	Dielectric properties of Bi <sub>2</sub> (Zn <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>2</sub> O <sub>7</sub> electroceramics and thin films. <i>Journal of the European Ceramic Society</i> , 2001, 21, 1605-1608.	2.8	0
150	Frequency-domain approach to evaluation of data obtained in optical pump-terahertz probe experiments. , 0, , .		0
151	Terahertz and Infrared Spectroscopic Study on Dielectric Properties of Bi <sub>2</sub> (Zn <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>2</sub> O <sub>7</sub> for Microwave Application. <i>Ferroelectrics</i> , 2002, 272, 255-260.	0.3	0
152	Photon-assisted ultrafast plasma expansion in GaAs. , 0, , .		0
153	Phase-sensitive time-domain terahertz reflectometry. , 0, , .		0
154	Thermally tunable filter for terahertz range based on defect mode in one dimensional photonic crystal. , 0, , .		0
155	Active optical control of reflectivity in the terahertz range. , 0, , .		0
156	Terahertz radiation generated by optical rectification at metal surfaces. , 0, , .		0
157	A novel broadband probe for near-field imaging and spectroscopy from DC to THz. , 0, , .		0
158	Far-infrared dynamics probed by terahertz pulses. , 0, , .		0
159	Photoionization mechanisms of oxygen probed by terahertz pulses. , 0, , .		0
160	Publisher's Note: Dynamics of the phase transitions in Bi-layered ferroelectrics with Aurivillius structure: Dielectric response in the terahertz spectral range [ <i>Phys. Rev. B</i> 74, 134105 (2006)]. <i>Physical Review B</i> , 2006, 74, .	1.1	0
161	Electric field tuning of the dielectric response of strontium titanate in the THz range. , 2006, , .		0
162	Simultaneous Determination of Dielectric Permittivity and Magnetic Permeability of Bulk Samples by THz Time-Domain Spectroscopy. , 2006, , .		0

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163	Optically controllable photonic crystals used as THz modulators. , 2007, , .		0
164	Ultrafast opto-THz modulators based on photonic crystals with GaAs defect. , 2007, , .		0
165	Optically tunable photonic crystals used as devices for the THz range. , 2007, , .		0
166	An Optically Controlled Modulator of Terahertz Radiation Based on 1-D Photonic Crystal. , 2007, , .		0
167	Tunable materials and structures for the THz range. , 2007, , .		0
168	Determination of the influence of dialysis on the human skin water content by means of THz spectroscopy. , 2008, , .		0
169	Modulators of THz radiation based on SrTiO <sub>3</sub> epitaxial thin films. , 2008, , .		0
170	Tunable SrTiO <sub>3</sub> /DyScO <sub>3</sub> heterostructures for applications in the terahertz range. , 2008, , .		0
171	Ultrafast carrier dynamics in microcrystalline silicon studied by time-resolved terahertz spectroscopy. , 2009, , .		0
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