

Roger A Lewis

List of Publications by Year in descending order

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199
papers

2,366
citations

304368

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41
g-index

202
all docs

202
docs citations

202
times ranked

2384
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of terahertz sources. Journal Physics D: Applied Physics, 2014, 47, 374001.	1.3	347
2	A review of terahertz detectors. Journal Physics D: Applied Physics, 2019, 52, 433001.	1.3	131
3	3D Printed Terahertz Diffraction Gratings And Lenses. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 72-80.	1.2	98
4	Electronic efficiency in nanostructured thermionic and thermoelectric devices. Physical Review B, 2005, 72, .	1.1	84
5	In situ micro-Raman studies of laser-induced bismuth oxidation reveals metastability of $\hat{\Gamma}^2$ -Bi ₂ O ₃ microislands. Optical Materials Express, 2014, 4, 2133.	1.6	66
6	Far-infrared reflection and transmission of La _{1-x} CaxMnO ₃ . Journal of Alloys and Compounds, 2002, 347, 314-318.	2.8	65
7	3D Printed Hollow-Core Terahertz Optical Waveguides with Hyperuniform Disordered Dielectric Reflectors. Advanced Optical Materials, 2016, 4, 2085-2094.	3.6	65
8	Infrared phonon anomaly and magnetic excitations in single-crystal Cu ₂ Bi ₂ (SeO ₄) ₂ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td	1.1	60
9	Stacked-and-drawn metamaterials with magnetic resonances in the terahertz range. Optics Express, 2011, 19, 16480.	1.7	55
10	Strong terahertz emission from (100) p-type InAs. Journal of Applied Physics, 2005, 98, 126104.	1.1	39
11	Probing and modelling the localized self-mixing in a GaN/AlGaN field-effect terahertz detector. Applied Physics Letters, 2012, 100, .	1.5	38
12	Electronic and thermal transport in hot carrier solar cells with low-dimensional contacts. Microelectronics Journal, 2008, 39, 656-659.	1.1	35
13	Surface effects of vapour-liquid-solid driven Bi surface droplets formed during molecular-beam-epitaxy of GaAsBi. Scientific Reports, 2016, 6, 28860.	1.6	33
14	Intergranular Films and Pore Surfaces in Synroc C: Structure, Composition, and Dissolution Characteristics. Journal of the American Ceramic Society, 1986, 69, 347-352.	1.9	32
15	Feasibility and Characterization of Common and Exotic Filaments for Use in 3D Printed Terahertz Devices. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 614-635.	1.2	32
16	Time-domain spectroscopy of novel nematic liquid crystals in the terahertz range. , 2013, , .		31
17	Energy states of Be in GaAs. Physical Review B, 1996, 53, 12829-12834.	1.1	28
18	Solid-state thermionics and thermoelectrics in the ballistic transport regime. Journal of Applied Physics, 2005, 98, 026108.	1.1	26

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19	Efficiency in nanometre gap vacuum thermionic refrigerators. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 035417.	1.3	26
20	Fiber metamaterials with negative magnetic permeability in the terahertz. <i>Optical Materials Express</i> , 2011, 1, 115.	1.6	26
21	Fano resonances in the absorption spectrum of singly ionised zinc in germanium. <i>Solid State Communications</i> , 1990, 75, 835-838.	0.9	24
22	Thermionic refrigerators with non-Richardson current. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 1167-1174.	1.3	24
23	High-field magnetotransport in a two-dimensional electron gas in quantizing magnetic fields and intense terahertz laser fields. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 89-101.	0.7	23
24	Raman scattering reveals strong LO-phonon-hole-plasmon coupling in nominally undoped GaAsBi: optical determination of carrier concentration. <i>Optics Express</i> , 2014, 22, 11680.	1.7	23
25	Terahertz Spectroscopy of 2,4-Dinitrotoluene over a Wide Temperature Range (7â€“245 K). <i>Journal of Physical Chemistry A</i> , 2015, 119, 263-270.	1.1	23
26	Terahertz imaging: materials and methods. <i>Journal of Materials Science: Materials in Electronics</i> , 2007, 18, 299-303.	1.1	22
27	Peeling adhesive tape emits electromagnetic radiation at terahertz frequencies. <i>Optics Letters</i> , 2009, 34, 2195.	1.7	22
28	Heavy noble gas (Kr, Xe) irradiated (111) InP nanoporous honeycomb membranes with enhanced ultrafast all-optical terahertz emission. <i>Applied Physics Letters</i> , 2010, 97, 181921.	1.5	22
29	Raman scattering studies of strain effects in (100) and (311)B GaAs \hat{x} Bix epitaxial layers. <i>Journal of Applied Physics</i> , 2013, 114, 193516.	1.1	22
30	Complementary terahertz absorption and inelastic neutron study of the dynamic anisotropy contribution to zone-center spin waves in a canted antiferromagnet $\text{Nd} \langle \text{Fe} \rangle \langle \text{O} \rangle \langle \text{Mn} \rangle_3 \langle \text{Mn} \rangle \langle \text{Mn} \rangle$ <i>Physical Review B</i> , 2014, 90.	1.1	22
31	Anharmonicity-driven redshift and broadening of sharp terahertz features of $\hat{\pm}$ -glycine single crystal from 20ÅK to 300ÅK: Theory and experiment. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 244, 118635.	2.0	22
32	Generation of terahertz radiation by bulk and surface optical rectification from crystal planes of arbitrary orientation. <i>Physical Review B</i> , 2009, 80, .	1.1	21
33	The effect of symmetry on resonant and nonresonant photoresponses in a field-effect terahertz detector. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	21
34	Magneto-photoconductivity of a 2DEG under intense terahertz radiation. <i>Physica B: Condensed Matter</i> , 1998, 256-258, 268-272.	1.3	18
35	Numerical calculation of thermionic cooling efficiency in a double-barrier semiconductor heterostructure. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001, 11, 287-291.	1.3	17
36	The role of optical rectification in the generation of terahertz radiation from GaBiAs. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	17

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37	Internal transitions of confined neutral magnetoexcitons in GaAs/Al _x Ga _{1-x} As quantum wells. <i>Physical Review B</i> , 2000, 62, 2773-2779.	1.1	16
38	Extremely broadband characterization of a Schottky diode based THz detector. , 2010, , .		16
39	Single-cycle azimuthal angle dependence of terahertz radiation from (100) n-type InP. <i>Applied Physics Letters</i> , 2008, 93, 242101.	1.5	15
40	Photoconductivity of Be-doped GaAs under intense terahertz radiation. <i>Solid State Communications</i> , 2002, 122, 223-228.	0.9	14
41	Infrared-active phonons of perovskite HoMn _{1-x} Co _x O ₃ ($x=0-0.8$). <i>IEEE Transactions on Magnetics</i> , 2005, 41, 2763-2765.	1.2	14
42	Mechanisms of x-ray emission from peeling adhesive tape. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	14
43	Spatial dispersion in three-dimensional drawn magnetic metamaterials. <i>Optics Express</i> , 2012, 20, 11924.	1.7	14
44	Collective librations of water molecules in the crystal lattice of rubidium bromide: experiment and simulation. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 20252.	1.3	14
45	Distinguishing Quinacridone Pigments via Terahertz Spectroscopy: Absorption Experiments and Solid-State Density Functional Theory Simulations. <i>Journal of Physical Chemistry A</i> , 2017, 121, 3423-3429.	1.1	14
46	Terahertz time-domain spectroscopy of nematic liquid crystals. <i>Proceedings of SPIE</i> , 2010, , .	0.8	13
47	Optical parameters of ZnTe determined using continuous-wave terahertz radiation. <i>Journal of Applied Physics</i> , 2012, 112, 063104.	1.1	13
48	3D printing of aspherical terahertz lenses and diffraction gratings. , 2014, , .		13
49	Infrared absorption of lanthanum manganites. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2235-2236.	0.6	12
50	Magneto spectroscopy of Be in GaAs. <i>Physical Review B</i> , 2003, 67, .	1.1	12
51	Physical Phenomena in Electronic Materials in the Terahertz Region. <i>Proceedings of the IEEE</i> , 2007, 95, 1641-1645.	16.4	12
52	Photomixing in topological insulator HgTe/CdTe quantum wells in terahertz regime. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	12
53	THz generation in InAs. <i>Physica B: Condensed Matter</i> , 2006, 376-377, 618-621.	1.3	11
54	Low thermal conductivity short-period superlattice thermionic devices. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 4153-4158.	1.3	11

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55	Terahertz surfoluminescence. <i>Surface Science</i> , 2012, 606, 1573-1576.	0.8	11
56	3D Printing Metallised Plastics as Terahertz Reflectors. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2019, 40, 752-762.	1.2	11
57	Optical Investigation of La _{1-x} CaxMnO ₃ and La _{1-x} LixMnO ₃ . <i>Australian Journal of Physics</i> , 1999, 52, 197.	0.6	10
58	Reflectance studies of candidate THz emitters. <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 326-331.	1.1	10
59	The importance of scattering, surface potential, and vanguard counter-potential in terahertz emission from gallium arsenide. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	10
60	Terahertz (6–15 THz) Spectroscopy and Numerical Modeling of Intermolecular Vibrations in Benzoic Acid and Its Derivatives. <i>Applied Spectroscopy</i> , 2015, 69, 590-596.	1.2	10
61	Terahertz Analysis of Quinacridone Pigments. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2017, 38, 314-324.	1.2	10
62	Computer assignments and problems classes for physics students. <i>Computers and Education</i> , 1991, 16, 349-362.	5.1	9
63	Role of vanguard counter-potential in terahertz emission due to surface currents explicated by three-dimensional ensemble Monte Carlo simulation. <i>Physical Review B</i> , 2011, 84, .	1.1	9
64	Spherical, cylindrical and tetrahedral symmetries; hydrogenic states at high magnetic field in Si:P. <i>Scientific Reports</i> , 2013, 3, 3488.	1.6	9
65	Electrical Versus Optical: Comparing Methods for Detecting Terahertz Radiation Using Neon Lamps. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2018, 39, 701-713.	1.2	9
66	Terahertz response of L-alanine: experiment and theory. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 657-665.	1.3	9
67	Temperature-dependent terahertz spectroscopy of L-phenylalanine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 260, 119922.	2.0	9
68	Video introductions to laboratory: Students positive, grades unchanged. <i>American Journal of Physics</i> , 1995, 63, 468-470.	0.3	8
69	Central-cell corrections for Si and S in GaAs in a strong magnetic field. <i>Journal of Applied Physics</i> , 1999, 85, 893-896.	1.1	8
70	Invited Review Terahertz Transmission, Scattering, Reflection, and Absorption—the Interaction of THz Radiation with Soils. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2017, 38, 799-807.	1.2	8
71	Magneto-Spectroscopy of Beryllium Impurity in Gallium Arsenide. <i>Physica Status Solidi (B): Basic Research</i> , 1998, 210, 821-825.	0.7	7
72	Far-infrared spectroscopy of the zinc acceptor in indium phosphide. <i>Physica B: Condensed Matter</i> , 2001, 302-303, 327-333.	1.3	7

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73	Magneto-optical far-infrared absorption spectroscopy of the hole states of indium phosphide. <i>Physical Review B</i> , 2005, 71, .	1.1	7
74	Laser-induced oxidation kinetics of bismuth surface microdroplets on GaAsBi studied in situ by Raman microprobe analysis. <i>Optics Express</i> , 2014, 22, 32261.	1.7	7
75	Mapping an on-chip terahertz antenna by a scanning near-field probe and a fixed field-effect transistor. <i>Chinese Physics B</i> , 2015, 24, 028504.	0.7	7
76	Terahertz Analysis of Phthalocyanine Pigments. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2019, 40, 738-751.	1.2	7
77	Identifying and explaining vibrational modes of quinacridones <i>via</i> temperature-resolved terahertz spectroscopy: absorption experiments and solid-state density functional theory simulations. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 19672-19679.	1.3	7
78	Piezoresistive and Electrical Properties of a Catecholic Amino Acidâ€™Polyacrylamide Single-Walled Carbon Nanotube Hydrogel Hybrid Network. <i>ACS Applied Polymer Materials</i> , 2021, 3, 671-678.	2.0	7
79	Phonon modes of A(Co ^{1/2} Mn ^{1/2}) O ₃ (A=La, Nd, Dy, Ho, Yb). <i>Journal of Solid State Chemistry</i> , 2001, 160, 350-352.	1.4	6
80	Thermionic refrigeration in low-dimensional structures. <i>Microelectronics Journal</i> , 2008, 39, 597-600.	1.1	6
81	Comparison of photoexcited p-InAs THz radiation source with conventional thermal radiation sources. <i>Journal of Applied Physics</i> , 2009, 105, .	1.1	6
82	THz photomixer with a 40nm-wide nanoelectrode gap on low-temperature grown GaAs. <i>Proceedings of SPIE</i> , 2013, , .	0.8	6
83	Superficial and Fundamental Correspondences in the Terahertz/IR (6â€™15 THz) Absorption Spectra of Aspirin and Benzoic Acid. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6886-6893.	1.1	6
84	High-quality, temperature-dependent terahertz spectroscopy of single crystalline L-alanine: Experiment and density-functional theory. <i>Journal of Chemical Physics</i> , 2021, 154, 244311.	1.2	6
85	Quantum point contact in a magnetic field: Far-infrared resonant heating observed in photoconductivity. <i>Applied Physics Letters</i> , 1999, 75, 3150-3152.	1.5	5
86	Zeeman spectroscopy of the Be acceptor in GaAs to intermediate fields. <i>Solid State Communications</i> , 1999, 112, 25-29.	0.9	5
87	Piezospectroscopy of the 3/2 and Fano series of singly ionized zinc in germanium. <i>Physical Review B</i> , 2000, 61, 7466-7478.	1.1	5
88	Electronic thermal transport and thermionic cooling in semiconductor multi-quantum-well structures. <i>Computer Physics Communications</i> , 2001, 142, 274-280.	3.0	5
89	Phonon Modes in CMR Manganites at Elevated Temperatures. <i>Journal of Superconductivity and Novel Magnetism</i> , 2001, 14, 143-148.	0.5	5
90	Magnetopolaron interactions in n-type indium phosphide. <i>Physical Review B</i> , 2005, 72, .	1.1	5

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91	Time-domain THz spectroscopy using acceptor-doped GaAs photoconductive emitters. Semiconductor Science and Technology, 2008, 23, 105012.	1.0	5
92	Electroresistance of La _{0.8} Li _{0.2} MnO ₃ . Applied Physics Letters, 2008, 92, 184102.	1.5	5
93	Material characterization at low frequencies using THz and Raman spectroscopy. , 2012, , .		5
94	THz photomixer with milled nanoelectrodes on LT-GaAs. Applied Physics A: Materials Science and Processing, 2014, 117, 439-444.	1.1	5
95	Investigation of Terahertz Peak Frequencies From GaAs Photoconductive Antennas. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-6.	1.9	5
96	Zeeman spectroscopy of the Zn acceptor in InP. Solid State Communications, 2003, 126, 275-280.	0.9	4
97	Zeeman spectroscopy of Be impurity in GaAs to. Physica B: Condensed Matter, 2004, 346-347, 483-487.	1.3	4
98	Semiconductor terahertz emitters. , 2007, 6798, 225.		4
99	Terahertz Zeeman spectroscopy of boron in germanium to high magnetic fields. Physical Review B, 2008, 77, .	1.1	4
100	New modes of THz generation by low-temperature-grown GaAsSb. Solid-State Electronics, 2009, 53, 160-165.	0.8	4
101	Small electroresistance (SER) in bulk La _{2/3} Sr _{1/3} MnO ₃ below. Journal of Alloys and Compounds, 2009, 471, 368-370.	2.8	4
102	Energy States of Phosphorous Donor in Silicon in Fields up to 18ÅT. Journal of Low Temperature Physics, 2010, 159, 226-229.	0.6	4
103	Bulk and surface field-induced optical rectification from(11N)zinblende crystals in a quasireflection geometry. Physical Review B, 2011, 83, .	1.1	4
104	LETâ€™S TALK TERAHERTZ!. American Journal of Physics, 2011, 79, 341-341.	0.3	4
105	Energy loss rate of a charged particle in HgTe/(HgTe, CdTe) quantum wells. Applied Physics Letters, 2013, 103, 192107.	1.5	4
106	Closed-orbit dependence on the field direction in the anisotropic diamagnetic Kepler problem. Physical Review A, 2014, 89, .	1.0	4
107	Thermionic enhanced heat transfer in electronic devices based on 3D Dirac materials. Journal of Applied Physics, 2019, 126, .	1.1	4
108	Aerographite phonon density of states affects double resonant Raman scattering. Journal of Applied Physics, 2020, 128, .	1.1	4

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109	X-ray image acquisition using an IBM PC. Scanning, 1986, 8, 153-162.	0.7	3
110	Cyclotron resonance measurements of the hole mass in [0 0 1] and [1 1 1] In _x Ga _{1-x} Sb/GaSb quantum wells. Physica B: Condensed Matter, 1993, 184, 154-158.	1.3	3
111	Far-infrared studies of extremely high mobility gated GaAs/AlGaAs structures in magnetic fields. Physica B: Condensed Matter, 1998, 256-258, 481-485.	1.3	3
112	Cyclotron resonance in undoped, top-gated heterostructures. Semiconductor Science and Technology, 2000, 15, 589-592.	1.0	3
113	Investigation into space charge effects in I-V characteristics of multi-layer semiconductor thermionic devices. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 17, 651-653.	1.3	3
114	Principles of charge and heat transport in thermionic devices. , 2005, 5649, 332.		3
115	Subterahertz Josephson plasma emission in layered high-TC superconducting tunnel junctions. Journal of Applied Physics, 2008, 103, 07C719.	1.1	3
116	Detection of biochar components for soil fertility using THz-TDS. , 2010, , .		3
117	Reconciling expressions for terahertz generation by bulk optical rectification. Proceedings of SPIE, 2010, , .	0.8	3
118	Optical reflectance studies of highly specular anisotropic nanoporous (111) InP membrane. Semiconductor Science and Technology, 2015, 30, 044003.	1.0	3
119	Terahertz Spectroscopy of Biochars and Related Aromatic Compounds. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 1158-1165.	1.2	3
120	The Fundamental Terahertz Mode of L-Alanine: Strong Narrowing, More Symmetry and Small and Non-Uniform Shift as Temperature is Reduced. , 2019, , .		3
121	Estimating my equilibrium energy intake during lockdown: very introspective study. BMJ, The, 2020, 371, m4561.	3.0	3
122	Pressure dependence of glass dissolution and nuclear waste disposal. Nature, 1982, 299, 140-141.	13.7	2
123	Student scanning tunneling microscope. American Journal of Physics, 1991, 59, 38-42.	0.3	2
124	Spectroscopy and piezospectroscopy of the Lyman transitions and Fano resonances of indium in silicon. Physical Review B, 1996, 54, 1741-1753.	1.1	2
125	Far-infrared laser photoconductivity of n-GaAs multiple quantum wells in a pulsed magnetic field. Physica B: Condensed Matter, 1998, 246-247, 290-293.	1.3	2
126	Synthesis and magnetic properties of perovskite La _{1-x} Ca _x MnO ₃ . Journal of Alloys and Compounds, 2001, 325, 281-284.	2.8	2

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127	FERROMAGNETIC RESONANCES IN POLYCRYSTALLINE La _{0.8} Li _{0.2} MnO ₃ . International Journal of Modern Physics B, 2002, 16, 3351-3354.	1.0	2
128	Phonon spectra of cobaltite/manganites in strong magnetic fields. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 616-617.	1.0	2
129	The effect of barrier shape on thermionic refrigerator performance. , 2005, , .		2
130	The effect of the electron energy spectrum on electronic efficiency and power in thermionic and thermoelectric devices. , 2005, , .		2
131	Far Infrared Spectra of La ^{1-x} CaxMn0.9Li0.1O3. Journal of Physics: Conference Series, 2006, 28, 143-146.	0.3	2
132	Investigation of p-GaAsSb as a THz Emitter. Journal of the Electrochemical Society, 2008, 155, H734.	1.3	2
133	Effect of heavy noble gas ion irradiation on terahertz emission efficiency of InP (100) and (111) crystal planes. Semiconductor Science and Technology, 2014, 29, 095015.	1.0	2
134	Semiconductor hydrogen analogue candidates for observation of quasi-Landau oscillations associated with semi-classical electron orbits. Physica Status Solidi (B): Basic Research, 2015, 252, 2657-2661.	0.7	2
135	The 3, 5, 6, and 7 THz resonances of L±-glycine. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 253, 119544.	2.0	2
136	Materials for Terahertz Engineering. Springer Handbooks, 2017, , 1-1.	0.3	2
137	Characteristic Spectral Features of <i>Terra Preta</i> (TP) in the 5–15 Terahertz Range. Applied Spectroscopy, 2022, 76, 300-309.	1.2	2
138	The effect of electron beam “ specimen ” detector geometry on x-ray yields from copper. Scanning, 1987, 9, 125-128.	0.7	1
139	Magneto-oscillations and field-induced phase transitions in organic conductors. Surface Science, 1996, 361-362, 901-904.	0.8	1
140	EFFECT OF STRONG TERAHERTZ RADIATION ON MAGNETOCONDUCTIVITY IN TWO DIMENSIONS. International Journal of Modern Physics B, 2002, 16, 2964-2967.	1.0	1
141	Magneto-spectroscopy to 30T of donor states in InP. Physica B: Condensed Matter, 2006, 376-377, 622-625.	1.3	1
142	THz emission from Be-doped GaAs. , 2007, , .		1
143	Never a dull moment. American Journal of Physics, 2008, 76, 607-607.	0.3	1
144	Investigation of THz Emission by p-GaAsSb. ECS Transactions, 2009, 16, 87-92.	0.3	1

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145	TERAHERTZ MAGNETOSPECTROSCOPY OF HEAVILY-DOPED Si (P). International Journal of Modern Physics B, 2009, 23, 2856-2860.	1.0	1
146	Publisher's Note: Investigation of p-GaAsSb as a THz Emitter [J. Electrochem. Soc., 155, H734 (2008)]. Journal of the Electrochemical Society, 2009, 156, S1.	1.3	1
147	THz-TDS of filter paper at differing humidities. , 2010, , .		1
148	Far-infrared spectroscopy of quantum spin chain: PbCuSO ₄ (OH) ₂ . , 2015, , .		1
149	Effect of non-ideal beamsplitters in THz electro-optic detectors. , 2015, , .		1
150	Terahertz spectroscopic characterization for carbon-based materials. , 2016, , .		1
151	Electric-field effects on the closed orbits of the diamagnetic Kepler problem. Physical Review A, 2016, 93, .	1.0	1
152	Effects of Ca substitution on quasicoustic sliding modes in Sr ₁₄ xCa _x Cu ₂₄ O ₄₁ . Physical Review B, 2019, 100, .	1.1	1
153	Drawn Metamaterial Fibers With Negative Permeability. , 2011, , .		1
154	Reducing topographic contrast in x-ray maps. Scanning, 1987, 9, 130-133.	0.7	0
155	Cyclotron resonance of mixed phases of the 2-D system in the ultra-quantum limit. Physica B: Condensed Matter, 1993, 184, 149-153.	1.3	0
156	Piezospectroscopy of the and fano series of singly ionised Zn in Ge. Solid State Communications, 1995, 93, 457.	0.9	0
157	Magneto-plasmon spectrum in a semiconductor under intense laser radiation. Physica B: Condensed Matter, 1998, 256-258, 645-648.	1.3	0
158	MAGNETOSPECTROSCOPY OF Zn-DOPED InP TO 30 T. International Journal of Modern Physics B, 2004, 18, 3839-3842.	1.0	0
159	Electrical and Thermal Characteristics of Multilayer Thermionic Power Devices. , 0, , .		0
160	The Electron Energy Spectrum and Thermionic Device Efficiency. , 0, , .		0
161	Terahertz Absorption by Magnetoplasma Sound Wave Excitation in Semiconductor Heterostructures. , 0, , .		0
162	Conventional and total momentum filtered thermionic devices. , 2005, , .		0

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163	Power generation with nanowire resonant tunneling thermoelectrics. , 2006, , .		0
164	THz Emission from Mercury Cadmium Telluride Films Grown on Cadmium Zinc Telluride Substrates. , 2006, , .		0
165	Emission of terahertz-frequency electromagnetic radiation from indium phosphide under excitation by short pulses of near-infrared radiation. , 2008, , .		0
166	Terahertz generation by optical rectification in GaAs and related materials. , 2009, , .		0
167	Metastability in the resistance of polycrystalline $\text{La}_{0.8}\text{Li}_{0.2}\text{MnO}_3$. Physica Status Solidi - Rapid Research Letters, 2009, 3, 154-156.	1.2	0
168	A terahertz system of units. , 2009, , .		0
169	THz generation by optical rectification involving high-index planes. , 2009, , .		0
170	Terahertz emission from InP. , 2010, , .		0
171	Characterization of semiconductor materials as terahertz emitters under the effect of in-plane magnetic field. , 2010, , .		0
172	Comparison of expressions for terahertz generation for bulk optical rectification away from normal incidence. , 2010, , .		0
173	Characterising Zinc Telluride wafers using continuous-wave terahertz spectroscopy. , 2011, , .		0
174	Optical rectification for terahertz generation. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 2761-2765.	0.8	0
175	Geometrical factors in the emission of terahertz radiation from semiconductors under excitation by sub-picosecond pump pulses. , 2011, , .		0
176	Direct-drawn metamaterial fibers with magnetic response in the 100GHz range. , 2011, , .		0
177	Spatial dispersion management in three-dimensional drawn magnetic metamaterials. , 2012, , .		0
178	Complementary techniques for probing terahertz magnetic excitations in $\text{Cu}_3\text{Bi}(\text{SeO}_3)_2\text{Cl}$. , 2012, , .		0
179	Nonlinear response of topological insulators in the terahertz regime. , 2012, , .		0
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