

# Roger A Lewis

## List of Publications by Year in descending order

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199  
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citations

304602

22  
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202  
docs citations

202  
times ranked

2384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristic Spectral Features of <i>Terra Preta</i> (TP) in the 5–15 Terahertz Range. <i>Applied Spectroscopy</i> , 2022, 76, 300-309.	1.2	2
2	Anharmonicity-driven redshift and broadening of sharp terahertz features of $\alpha$ -glycine single crystal from 20 K to 300 K: Theory and experiment. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 244, 118635.	2.0	22
3	Piezoresistive and Electrical Properties of a Catecholic Amino Acid–Polyacrylamide Single-Walled Carbon Nanotube Hydrogel Hybrid Network. <i>ACS Applied Polymer Materials</i> , 2021, 3, 671-678.	2.0	7
4	Terahertz response of <i>D</i> -alanine: experiment and theory. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 657-665.	1.3	9
5	The 3, 5, 6, and 7 THz resonances of $\alpha$ -glycine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 253, 119544.	2.0	2
6	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
7	Temperature-dependent terahertz spectroscopy of L-phenylalanine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 260, 119922.	2.0	9
8	Terahertz Response of L-Serine at Low Temperatures. , 2021, , .		0
9	Precision characterisation of thermal detectors of terahertz radiation. , 2021, , .		0
10	Aerographite phonon density of states affects double resonant Raman scattering. <i>Journal of Applied Physics</i> , 2020, 128, .	1.1	4
11	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
12	Estimating my equilibrium energy intake during lockdown: very introspective study. <i>BMJ, The</i> , 2020, 371, m4561.	3.0	3
13	Redshifting of the Fundamental Mode of DL-Alanine with Increasing Temperature. , 2020, , .		0
14	Low-Frequency Terahertz Raman Spectra of Graphite Flakes and Single-Walled Carbon Nanotube Aerogel. , 2020, , .		0
15	A review of terahertz detectors. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 433001.	1.3	131
16	Thermionic enhanced heat transfer in electronic devices based on 3D Dirac materials. <i>Journal of Applied Physics</i> , 2019, 126, .	1.1	4
17	Terahertz Analysis of Phthalocyanine Pigments. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2019, 40, 738-751.	1.2	7
18	3D Printing Metallised Plastics as Terahertz Reflectors. <i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 2019, 40, 752-762.	1.2	11

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19	The Fundamental Terahertz Mode of L-Alanine: Strong Narrowing, More Symmetry and Small and Non-Uniform Shift as Temperature is Reduced. , 2019, , .		3
20	Effects of Ca substitution on quasicoustic sliding modes in Sr <sub>14</sub> Ca <sub>x</sub> Cu <sub>24</sub> O <sub>41</sub> . Physical Review B, 2019, 100, .	1.1	1
21	Electrical Versus Optical: Comparing Methods for Detecting Terahertz Radiation Using Neon Lamps. Journal of Infrared, Millimeter, and Terahertz Waves, 2018, 39, 701-713.	1.2	9
22	Superficial and Fundamental Correspondences in the Terahertz/IR (6–15 THz) Absorption Spectra of Aspirin and Benzoic Acid. Journal of Physical Chemistry A, 2018, 122, 6886-6893.	1.1	6
23	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
24	Invited Review Terahertz Transmission, Scattering, Reflection, and Absorption—the Interaction of THz Radiation with Soils. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 799-807.	1.2	8
25	Distinguishing Quinacridone Pigments via Terahertz Spectroscopy: Absorption Experiments and Solid-State Density Functional Theory Simulations. Journal of Physical Chemistry A, 2017, 121, 3423-3429.	1.1	14
26	DEEP LEARNING IN PHYSICS. American Journal of Physics, 2017, 85, 648-648.	0.3	0
27	Terahertz Analysis of Quinacridone Pigments. Journal of Infrared, Millimeter, and Terahertz Waves, 2017, 38, 314-324.	1.2	10
28	Investigation of Terahertz Peak Frequencies From GaAs Photoconductive Antennas. IEEE Journal of Selected Topics in Quantum Electronics, 2017, 23, 1-6.	1.9	5
29	Experimental and calculated THz spectra of analgesics. , 2017, , .		0
30	Mechanical and optical viability of eighteen filaments for 3D printing of terahertz components. , 2017, , .		0
31	Materials for Terahertz Engineering. Springer Handbooks, 2017, , 1-1.	0.3	2
32	Terahertz spectroscopic characterization for carbon-based materials. , 2016, , .		1
33	Azimuthal dependence of the Garton-Tomkins orbit in crossed magnetic and electric fields. Physical Review A, 2016, 94, .	1.0	0
34	Terahertz analysis of quinacridone pigments. , 2016, , .		0
35	Terahertz Spectroscopy of Biochars and Related Aromatic Compounds. Journal of Infrared, Millimeter, and Terahertz Waves, 2016, 37, 1158-1165.	1.2	3
36	3D Printed Hollow-Core Terahertz Optical Waveguides with Hyperuniform Disordered Dielectric Reflectors. Advanced Optical Materials, 2016, 4, 2085-2094.	3.6	65

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37	Electric-field effects on the closed orbits of the diamagnetic Kepler problem. Physical Review A, 2016, 93, .	1.0	1
38	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
39	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
40	Far-infrared spectroscopy of quantum spin chain: PbCuSO <sub>4</sub> (OH) <sub>2</sub> , 2015, , .		1
41	Effect of non-ideal beamsplitters in THz electro-optic detectors. , 2015, , .		1
42	The effect of symmetry on resonant and nonresonant photoresponses in a field-effect terahertz detector. Applied Physics Letters, 2015, 106, .	1.5	21
43	3D Printed Terahertz Diffraction Gratings And Lenses. Journal of Infrared, Millimeter, and Terahertz Waves, 2015, 36, 72-80.	1.2	98
44	Mapping an on-chip terahertz antenna by a scanning near-field probe and a fixed field-effect transistor. Chinese Physics B, 2015, 24, 028504.	0.7	7
45	Terahertz (6-15 THz) Spectroscopy and Numerical Modeling of Intermolecular Vibrations in Benzoic Acid and Its Derivatives. Applied Spectroscopy, 2015, 69, 590-596.	1.2	10
46	Optical reflectance studies of highly specular anisotropic nanoporous (111) InP membrane. Semiconductor Science and Technology, 2015, 30, 044003.	1.0	3
47	Terahertz Spectroscopy of 2,4-Dinitrotoluene over a Wide Temperature Range (7-245 K). Journal of Physical Chemistry A, 2015, 119, 263-270.	1.1	23
48	Absorption spectra of benzoic acid in the 5-15 THz range. , 2014, , .		0
49	Raman scattering reveals strong LO-phonon-hole-plasmon coupling in nominally undoped GaAsBi: optical determination of carrier concentration. Optics Express, 2014, 22, 11680.	1.7	23
50	Laser-induced oxidation kinetics of bismuth surface microdroplets on GaAsBi studied in situ by Raman microprobe analysis. Optics Express, 2014, 22, 32261.	1.7	7
51	In situ micro-Raman studies of laser-induced bismuth oxidation reveals metastability of Bi <sub>2</sub> O <sub>3</sub> microislands. Optical Materials Express, 2014, 4, 2133.	1.6	66
52	Complementary terahertz absorption and inelastic neutron study of the dynamic anisotropy contribution to zone-center spin waves in a canted antiferromagnet NdFeO <sub>3</sub> . Physical Review B, 2014, 90, .	1.1	22
53	3D printing of aspherical terahertz lenses and diffraction gratings. , 2014, , .		13
54	Closed-orbit dependence on the field direction in the anisotropic diamagnetic Kepler problem. Physical Review A, 2014, 89, .	1.0	4

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55	THz photomixer with milled nanoelectrodes on LT-GaAs. Applied Physics A: Materials Science and Processing, 2014, 117, 439-444.	1.1	5
56	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
57	A review of terahertz sources. Journal Physics D: Applied Physics, 2014, 47, 374001.	1.3	347
58	Pump polarization dependence of optical rectification for 112A GaAs. , 2014, , .		0
59	THz absorption bands in Sr<math>^{14}</math>/Cu<math>^{24}</math>/O<math>^{41}</math> by synchrotron radiation. , 2014, , .		0
60	Raman scattering studies of strain effects in (100) and (311)B GaAs epitaxial layers. Journal of Applied Physics, 2013, 114, 193516.	1.1	22
61	Time-domain spectroscopy of novel nematic liquid crystals in the terahertz range. , 2013, , .		31
62	Dielectric properties of Bi doped Sb<math>^{2}</math>/Te<math>^{3}</math> thin films studied by terahertz time-domain spectroscopy. , 2013, , .		0
63	Collective librations of water molecules in the crystal lattice of rubidium bromide: experiment and simulation. Physical Chemistry Chemical Physics, 2013, 15, 20252.	1.3	14
64	THz photomixer with a 40nm-wide nanoelectrode gap on low-temperature grown GaAs. Proceedings of SPIE, 2013, , .	0.8	6
65	Parameters Controlling Emission of Terahertz Frequency Electromagnetic Radiation from InAs and GaAs: An Ensemble Monte Carlo Simulation Study. ECS Transactions, 2013, 50, 309-310.	0.3	0
66	High temperature anisotropy of NdFeO<math>^{3}</math> determined using time-domain THz spectroscopy. , 2013, , .		0
67	Optical characterization of novel terahertz emitters. , 2013, , .		0
68	Energy loss rate of a charged particle in HgTe/(HgTe, CdTe) quantum wells. Applied Physics Letters, 2013, 103, 192107.	1.5	4
69	Spherical, cylindrical and tetrahedral symmetries; hydrogenic states at high magnetic field in Si:P. Scientific Reports, 2013, 3, 3488.	1.6	9
70	The importance of scattering, surface potential, and vanguard counter-potential in terahertz emission from gallium arsenide. Applied Physics Letters, 2012, 100, .	1.5	10
71	Spatial dispersion in three-dimensional drawn magnetic metamaterials. Optics Express, 2012, 20, 11924. Infrared phonon anomaly and magnetic excitations in single-crystal Cu	1.7	14
72	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Bi(SeO<math>T_j</math> ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (xmlns:mml="http://	1.1	60
	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:		

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73	Spatial dispersion management in three-dimensional drawn magnetic metamaterials. , 2012, , .		0
74	Complementary techniques for probing terahertz magnetic excitations in Cu<math>\text{In}</math>3<math>\text{Bi}</math>(SeO<math>\text{In}</math>3)<math>\text{In}</math>2<math>\text{O}</math>2<math>\text{Cl}</math>. , 2012, , .		0
75	Terahertz surfoluminescence. Surface Science, 2012, 606, 1573-1576.	0.8	11
76	Optical parameters of ZnTe determined using continuous-wave terahertz radiation. Journal of Applied Physics, 2012, 112, 063104.	1.1	13
77	Nonlinear response of topological insulators in the terahertz regime. , 2012, , .		0
78	Material characterization at low frequencies using THz and Raman spectroscopy. , 2012, , .		5
79	Terahertz photon mixing effect in graphene and topological insulator. , 2012, , .		0
80	Photomixing in topological insulator HgTe/CdTe quantum wells in terahertz regime. Applied Physics Letters, 2012, 101, .	1.5	12
81	Probing and modelling the localized self-mixing in a GaN/AlGaIn field-effect terahertz detector. Applied Physics Letters, 2012, 100, .	1.5	38
82	Characterising Zinc Telluride wafers using continuous-wave terahertz spectroscopy. , 2011, , .		0
83	Stacked-and-drawn metamaterials with magnetic resonances in the terahertz range. Optics Express, 2011, 19, 16480.	1.7	55
84	Fiber metamaterials with negative magnetic permeability in the terahertz. Optical Materials Express, 2011, 1, 115.	1.6	26
85	Optical rectification for terahertz generation. Physica Status Solidi C: Current Topics in Solid State Physics, 2011, 8, 2761-2765.	0.8	0
86	Bulk and surface field-induced optical rectification from(11N)zinclende crystals in a quasireflection geometry. Physical Review B, 2011, 83, .	1.1	4
87	Geometrical factors in the emission of terahertz radiation from semiconductors under excitation by sub-picosecond pump pulses. , 2011, , .		0
88	Direct-drawn metamaterial fibers with magnetic response in the 100GHz range. , 2011, , .		0
89	LET&#x2013;TALK TERAHERTZ!. American Journal of Physics, 2011, 79, 341-341.	0.3	4
90	Role of vanguard counter-potential in terahertz emission due to surface currents explicated by three-dimensional ensemble Monte Carlo simulation. Physical Review B, 2011, 84, .	1.1	9

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91	Drawn Metamaterial Fibers With Negative Permeability. , 2011, , .		1
92	Terahertz emission from InP. , 2010, , .		0
93	Energy States of Phosphorous Donor in Silicon in Fields up to 18ÅT. Journal of Low Temperature Physics, 2010, 159, 226-229.	0.6	4
94	Terahertz time-domain spectroscopy of nematic liquid crystals. Proceedings of SPIE, 2010, , .	0.8	13
95	Detection of biochar components for soil fertility using THz-TDS. , 2010, , .		3
96	Heavy noble gas (Kr, Xe) irradiated (111) InP nanoporous honeycomb membranes with enhanced ultrafast all-optical terahertz emission. Applied Physics Letters, 2010, 97, 181921.	1.5	22
97	Characterization of semiconductor materials as terahertz emitters under the effect of in-plane magnetic field. , 2010, , .		0
98	Mechanisms of x-ray emission from peeling adhesive tape. Applied Physics Letters, 2010, 97, .	1.5	14
99	Comparison of expressions for terahertz generation for bulk optical rectification away from normal incidence. , 2010, , .		0
100	Reconciling expressions for terahertz generation by bulk optical rectification. Proceedings of SPIE, 2010, , .	0.8	3
101	Extremely broadband characterization of a Schottky diode based THz detector. , 2010, , .		16
102	THz-TDS of filter paper at differing humidities. , 2010, , .		1
103	Comparison of photoexcited p-InAs THz radiation source with conventional thermal radiation sources. Journal of Applied Physics, 2009, 105, .	1.1	6
104	Terahertz generation by optical rectification in GaAs and related materials. , 2009, , .		0
105	Generation of terahertz radiation by bulk and surface optical rectification from crystal planes of arbitrary orientation. Physical Review B, 2009, 80, .	1.1	21
106	Investigation of THz Emission by p-GaAsSb. ECS Transactions, 2009, 16, 87-92.	0.3	1
107	TERAHERTZ MAGNETOSPECTROSCOPY OF HEAVILY-DOPED $\text{Si}$ ( $\text{P}$ ). International Journal of Modern Physics B, 2009, 23, 2856-2860.	1.0	1
108	Efficiency in nanometre gap vacuum thermionic refrigerators. Journal Physics D: Applied Physics, 2009, 42, 035417.	1.3	26

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109	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
110	Reflectance studies of candidate THz emitters. Journal of Materials Science: Materials in Electronics, 2009, 20, 326-331.	1.1	10
111	New modes of THz generation by low-temperature-grown GaAsSb. Solid-State Electronics, 2009, 53, 160-165.	0.8	4
112	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
113	Small electroresistance (SER) in bulk $\text{La}_{2/3}\text{Sr}_{1/3}\text{MnO}_3$ below. Journal of Alloys and Compounds, 2009, 471, 368-370.	2.8	4
114	Peeling adhesive tape emits electromagnetic radiation at terahertz frequencies. Optics Letters, 2009, 34, 2195.	1.7	22
115	The role of optical rectification in the generation of terahertz radiation from GaBiAs. Applied Physics Letters, 2009, 94, .	1.5	17
116	A terahertz system of units. , 2009, , .		0
117	THz generation by optical rectification involving high-index planes. , 2009, , .		0
118	Thermionic refrigeration in low-dimensional structures. Microelectronics Journal, 2008, 39, 597-600.	1.1	6
119	Electronic and thermal transport in hot carrier solar cells with low-dimensional contacts. Microelectronics Journal, 2008, 39, 656-659.	1.1	35
120	Never a dull moment. American Journal of Physics, 2008, 76, 607-607.	0.3	1
121	Investigation of p-GaAsSb as a THz Emitter. Journal of the Electrochemical Society, 2008, 155, H734.	1.3	2
122	Single-cycle azimuthal angle dependence of terahertz radiation from (100) n-type InP. Applied Physics Letters, 2008, 93, 242101.	1.5	15
123	Time-domain THz spectroscopy using acceptor-doped GaAs photoconductive emitters. Semiconductor Science and Technology, 2008, 23, 105012.	1.0	5
124	Terahertz Zeeman spectroscopy of boron in germanium to high magnetic fields. Physical Review B, 2008, 77, .	1.1	4
125	Emission of terahertz-frequency electromagnetic radiation from indium phosphide under excitation by short pulses of near-infrared radiation. , 2008, , .		0
126	Electroresistance of $\text{La}_{0.8}\text{Li}_{0.2}\text{MnO}_3$ . Applied Physics Letters, 2008, 92, 184102.	1.5	5



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127	Subterahertz Josephson plasma emission in layered high-TC superconducting tunnel junctions. Journal of Applied Physics, 2008, 103, 07C719.	1.1	3
128	Semiconductor terahertz emitters. , 2007, 6798, 225.		4
129	Thermionic refrigerators with non-Richardson current. Journal Physics D: Applied Physics, 2007, 40, 1167-1174.	1.3	24
130	THz emission from Be-doped GaAs. , 2007, , .		1
131	Physical Phenomena in Electronic Materials in the Terahertz Region. Proceedings of the IEEE, 2007, 95, 1641-1645.	16.4	12
132	Terahertz imaging: materials and methods. Journal of Materials Science: Materials in Electronics, 2007, 18, 299-303.	1.1	22
133	Power generation with nanowire resonant tunneling thermoelectrics. , 2006, , .		0
134	Far Infrared Spectra of $\text{La}_{1-x}\text{Ca}_x\text{Mn}_{0.9}\text{Li}_{0.1}\text{O}_3$ . Journal of Physics: Conference Series, 2006, 28, 143-146.	0.3	2
135	THz generation in InAs. Physica B: Condensed Matter, 2006, 376-377, 618-621.	1.3	11
136	Magneto spectroscopy to 30T of donor states in InP. Physica B: Condensed Matter, 2006, 376-377, 622-625.	1.3	1
137	Low thermal conductivity short-period superlattice thermionic devices. Journal Physics D: Applied Physics, 2006, 39, 4153-4158.	1.3	11
138	THz Emission from Mercury Cadmium Telluride Films Grown on Cadmium Zinc Telluride Substrates. , 2006, , .		0
139	Principles of charge and heat transport in thermionic devices. , 2005, 5649, 332.		3
140	Conventional and total momentum filtered thermionic devices. , 2005, , .		0
141	Infrared-active phonons of perovskite $\text{HoMn}_{1-x}\text{Co}_x\text{O}_3$ ( $x=0-0.8$ ). IEEE Transactions on Magnetics, 2005, 41, 2763-2765.	1.2	14
142	The effect of barrier shape on thermionic refrigerator performance. , 2005, , .		2
143	Magnetopolaron interactions in n-type indium phosphide. Physical Review B, 2005, 72, .	1.1	5
144	Magneto-optical far-infrared absorption spectroscopy of the hole states of indium phosphide. Physical Review B, 2005, 71, .	1.1	7

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145	Strong terahertz emission from (100) p-type InAs. Journal of Applied Physics, 2005, 98, 126104.	1.1	39
146	The effect of the electron energy spectrum on electronic efficiency and power in thermionic and thermoelectric devices. , 2005, , .		2
147	Solid-state thermionics and thermoelectrics in the ballistic transport regime. Journal of Applied Physics, 2005, 98, 026108.	1.1	26
148	Electronic efficiency in nanostructured thermionic and thermoelectric devices. Physical Review B, 2005, 72, .	1.1	84
149	MAGNETOSPECTROSCOPY OF Zn-DOPED InP TO 30 T. , 2005, , .		0
150	High-field magnetotransport in a two-dimensional electron gas in quantizing magnetic fields and intense terahertz laser fields. Journal of Physics Condensed Matter, 2004, 16, 89-101.	0.7	23
151	MAGNETOSPECTROSCOPY OF Zn-DOPED InP TO 30 T. International Journal of Modern Physics B, 2004, 18, 3839-3842.	1.0	0
152	Zeeman spectroscopy of Be impurity in GaAs to. Physica B: Condensed Matter, 2004, 346-347, 483-487.	1.3	4
153	Phonon spectra of cobaltite/manganites in strong magnetic fields. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 616-617.	1.0	2
154	Zeeman spectroscopy of the Zn acceptor in InP. Solid State Communications, 2003, 126, 275-280.	0.9	4
155	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
156	Magneto spectroscopy of Be in GaAs. Physical Review B, 2003, 67, .	1.1	12
157	EFFECT OF STRONG TERAHERTZ RADIATION ON MAGNETOCONDUCTIVITY IN TWO DIMENSIONS. International Journal of Modern Physics B, 2002, 16, 2964-2967.	1.0	1
158	FERROMAGNETIC RESONANCES IN POLYCRYSTALLINE La <sub>0.8</sub> Li <sub>0.2</sub> MnO <sub>3</sub> . International Journal of Modern Physics B, 2002, 16, 3351-3354.	1.0	2
159	Far-infrared reflection and transmission of La <sup>1-x</sup> CaxMnO <sub>3</sub> . Journal of Alloys and Compounds, 2002, 347, 314-318.	2.8	65
160	Photoconductivity of Be-doped GaAs under intense terahertz radiation. Solid State Communications, 2002, 122, 223-228.	0.9	14
161	EFFECT OF STRONG TERAHERTZ RADIATION ON MAGNETOCONDUCTIVITY IN TWO DIMENSIONS. , 2002, , .		0
162	FERROMAGNETIC RESONANCES IN POLYCRYSTALLINE La <sub>0.8</sub> Li <sub>0.2</sub> MnO <sub>3</sub> . , 2002, , .		0

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163	Synthesis and magnetic properties of perovskite $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ . <i>Journal of Alloys and Compounds</i> , 2001, 325, 281-284.	2.8	2
164	Far-infrared spectroscopy of the zinc acceptor in indium phosphide. <i>Physica B: Condensed Matter</i> , 2001, 302-303, 327-333.	1.3	7
165	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
166	Phonon modes of $\text{A}(\text{Co}_{1/2}\text{Mn}_{1/2})\text{O}_3$ (A=La, Nd, Dy, Ho, Yb). <i>Journal of Solid State Chemistry</i> , 2001, 160, 350-352.	1.4	6
167	Electronic thermal transport and thermionic cooling in semiconductor multi-quantum-well structures. <i>Computer Physics Communications</i> , 2001, 142, 274-280.	3.0	5
168	Phonon Modes in CMR Manganites at Elevated Temperatures. <i>Journal of Superconductivity and Novel Magnetism</i> , 2001, 14, 143-148.	0.5	5
169	Infrared absorption of lanthanum manganites. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2235-2236.	0.6	12
170	Cyclotron resonance in undoped, top-gated heterostructures. <i>Semiconductor Science and Technology</i> , 2000, 15, 589-592.	1.0	3
171	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
172	Internal transitions of confined neutral magnetoexcitons in $\text{GaAs}/\text{Al}_x\text{Ga}_{1-x}\text{As}$ quantum wells. <i>Physical Review B</i> , 2000, 62, 2773-2779.	1.1	16
173	Optical Investigation of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ and $\text{La}_{1-x}\text{Li}_x\text{MnO}_3$ . <i>Australian Journal of Physics</i> , 1999, 52, 197.	0.6	10
174	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
175	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
176	Zeeman spectroscopy of the Be acceptor in GaAs to intermediate fields. <i>Solid State Communications</i> , 1999, 112, 25-29.	0.9	5
177	Magneto-Spectroscopy of Beryllium Impurity in Gallium Arsenide. <i>Physica Status Solidi (B): Basic Research</i> , 1998, 210, 821-825.	0.7	7
178	Far-infrared laser photoconductivity of n-GaAs multiple quantum wells in a pulsed magnetic field. <i>Physica B: Condensed Matter</i> , 1998, 246-247, 290-293.	1.3	2
179	Far-infrared studies of extremely high mobility gated GaAs/AlGaAs structures in magnetic fields. <i>Physica B: Condensed Matter</i> , 1998, 256-258, 481-485.	1.3	3
180	Magneto-plasmon spectrum in a semiconductor under intense laser radiation. <i>Physica B: Condensed Matter</i> , 1998, 256-258, 645-648.	1.3	0

#	ARTICLE	IF	CITATIONS
181	Magneto-photoconductivity of a 2DEG under intense terahertz radiation. <i>Physica B: Condensed Matter</i> , 1998, 256-258, 268-272.	1.3	18
182	Magneto-oscillations and field-induced phase transitions in organic conductors. <i>Surface Science</i> , 1996, 361-362, 901-904.	0.8	1
183	Energy states of Be in GaAs. <i>Physical Review B</i> , 1996, 53, 12829-12834.	1.1	28
184	Spectroscopy and piezospectroscopy of the Lyman transitions and Fano resonances of indium in silicon. <i>Physical Review B</i> , 1996, 54, 1741-1753.	1.1	2
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199	Terahertz Absorption by Magnetoplasma Sound Wave Excitation in Semiconductor Heterostructures. , 0, , .		0