Milan Orlita

List of Publications by Year
in descending order

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153	5,685	87888 38	82547 72
papers	citations	h-index	g-index

157	157	157	6435
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Approaching the Dirac Point in High-Mobility Multilayer Epitaxial Graphene. Physical Review Letters, 2008, 101, 267601.	7.8	560
2	A four-coordinate cobalt(II) single-ion magnet with coercivity and a very high energy barrier. Nature Communications, 2016, 7, 10467.	12.8	374
3	Thermal Conductivity of Graphene in Corbino Membrane Geometry. ACS Nano, 2010, 4, 1889-1892.	14.6	349
4	Carrier Relaxation in Epitaxial Graphene Photoexcited Near the Dirac Point. Physical Review Letters, 2011, 107, 237401.	7.8	269
5	A linear cobalt(II) complex with maximal orbital angular momentum from a non-Aufbau ground state. Science, 2018, 362, .	12.6	254
6	Intrinsic Terahertz Plasmons and Magnetoplasmons in Large Scale Monolayer Graphene. Nano Letters, 2012, 12, 2470-2474.	9.1	224
7	How Perfect Can Graphene Be?. Physical Review Letters, 2009, 103, 136403.	7.8	206
8	Observation of three-dimensional massless Kane fermions in a zinc-blende crystal. Nature Physics, 2014, 10, 233-238.	16.7	190
9	Dirac electronic states in graphene systems: optical spectroscopy studies. Semiconductor Science and Technology, 2010, 25, 063001.	2.0	158
10	High-Energy Limit of Massless Dirac Fermions in Multilayer Graphene using Magneto-Optical Transmission Spectroscopy. Physical Review Letters, 2008, 100, 087401.	7.8	111
11	Spectroscopic determination of crystal field splittings in lanthanide double deckers. Chemical Science, 2014, 5, 3287.	7.4	111
12	Magnetospectroscopy of two-dimensional HgTe-based topological insulators around the critical thickness. Physical Review B, 2012, 86, .	3.2	106
13	Magneto-Optical Signature of Massless Kane Electrons in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>Cd</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn> Physical Review Letters, 2016, 117, 136401.	7.8	93
14	Quasiclassical cyclotron resonance of Dirac fermions in highly doped graphene. Physical Review B, 2010, 82, .	3.2	86
15	3D Dirac semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cd</mml:mi><mml:mn>3</mml:mn></mml:msub></mml: : A review of material properties. Physical Review Materials, 2018, 2, .	2.4	86
16	Graphite from the Viewpoint of Landau Level Spectroscopy: An Effective Graphene Bilayer and Monolayer. Physical Review Letters, 2009, 102, 166401.	7.8	85
17	Tuning the Electron-Phonon Coupling in Multilayer Graphene with Magnetic Fields. Physical Review Letters, 2009, 103, 186803.	7.8	85
18	Carrier dynamics in Landau-quantized graphene featuring strong Auger scattering. Nature Physics, 2015, 11, 75-81.	16.7	79

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19	Magneto-Raman Scattering of Graphene on Graphite: Electronic and Phonon Excitations. Physical Review Letters, 2011, 107, 036807.	7.8	77
20	Dirac Fermions at the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>H</mml:mi></mml:math>Point of Graphite: Magnetotransmission Studies. Physical Review Letters, 2008, 100, 136403.	7.8	73
21	Temperature-driven massless Kane fermions in HgCdTe crystals. Nature Communications, 2016, 7, 12576.	12.8	73
22	Plasmonic terahertz detectors based on a high-electron mobility GaAs/AlGaAs heterostructure. Journal of Applied Physics, 2014, 115, 214503.	2.5	72
23	Multitechnique investigation of Dy₃ â€“ implications for coupled lanthanide clusters. Chemical Science, 2016, 7, 4347-4354.	7.4	70
24	Magneto-Optics of Massive Dirac Fermions in Bulk<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow><mml:mi>Bi</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mml Physical Review Letters, 2015, 114, 186401.	7.8	65
25	Consistent Interpretation of the Low-Temperature Magnetotransport in Graphite Using the Slonczewski-Weiss-McClure 3D Band-Structure Calculations. Physical Review Letters, 2009, 102, 166403.	7.8	60
26	From laterally modulated two-dimensional electron gas towards artificial graphene. New Journal of Physics, 2012, 14, 053002.	2.9	59
27	Time-resolved spectroscopy on epitaxial graphene in the infrared spectral range: relaxation dynamics and saturation behavior. Journal of Physics Condensed Matter, 2013, 25, 054202.	1.8	59
28	Carrier Scattering from Dynamical Magnetoconductivity in Quasineutral Epitaxial Graphene. Physical Review Letters, 2011, 107, 216603.	7.8	57
29	Fine structure of zero-mode Landau levels in HgTe/HgxCd1â^'xTe quantum wells. Physical Review B, 2011, 83, .	3.2	56
30	Landau Level Spectroscopy of Electron-Electron Interactions in Graphene. Physical Review Letters, 2015, 114, 126804.	7.8	52
31	Rhombohedral Multilayer Graphene: A Magneto-Raman Scattering Study. Nano Letters, 2016, 16, 3710-3716.	9.1	51
32	Two-Dimensional Conical Dispersion in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>ZrTe</mml:mi></mml:mrow><mml:mrow><mml:mn>5</mml:mn></mml:m Evidenced by Optical Spectroscopy. Physical Review Letters, 2019, 122, 217402.	7.8	50
33	Determination of the electronic structure of a dinuclear dysprosium single molecule magnet without symmetry idealization. Chemical Science, 2019, 10, 2101-2110.	7.4	48
34	Cyclotron resonance in HgTe/CdTe-based heterostructures in high magnetic fields. Nanoscale Research Letters, 2012, 7, 534.	5.7	47
35	Flat electronic bands in long sequences of rhombohedral-stacked graphene. Physical Review B, 2018, 97, .	3.2	46
36	Systematic Study of Mn-Doping Trends in Optical Properties of (Ga,Mn)As. Physical Review Letters, 2010, 105, 227201.	7.8	45

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37	From Positive to Negative Zero-Field Splitting in a Series of Strongly Magnetically Anisotropic Mononuclear Metal Complexes. Inorganic Chemistry, 2017, 56, 14809-14822.	4.0	42
38	Determination of the energy band gap of Bi2Se3. Scientific Reports, 2017, 7, 6891.	3.3	41
39	Magneto-optics of bilayer inclusions in multilayered epitaxial graphene on the carbon face of SiC. Physical Review B, 2011, 83, .	3.2	34
40	Electronic excitations and electron-phonon coupling in bulk graphite through Raman scattering in high magnetic fields. Physical Review B, 2011, 84, .	3.2	33
41	Polarization-resolved magneto-Raman scattering of graphenelike domains on natural graphite. Physical Review B, 2012, 85, .	3.2	33
42	Magnon polarons in the van der Waals antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Fe</mml:mi><mml:msub><mml:mi>PS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2021, 104, .	3.2	32
43	Anticrossing of Landau levels in HgTe/CdHgTe (013) quantum wells with an inverted band structure. JETP Letters, 2015, 100, 790-794.	1.4	26
44	Cyclotron Motion in the Vicinity of a Lifshitz Transition in Graphite. Physical Review Letters, 2012, 108, 017602.	7.8	25
45	Four-Wave Mixing in Landau-Quantized Graphene. Nano Letters, 2017, 17, 2184-2188.	9.1	25
46	Interband absorption edge in the topological insulators <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2017, 96, .	3.2	25
47	Magneto-Optics of a Weyl Semimetal beyond the Conical Band Approximation: Case Study of TaP. Physical Review Letters, 2020, 124, 176402.	7.8	25
48	Classical to quantum crossover of the cyclotron resonance in graphene: a study of the strength of intraband absorption. New Journal of Physics, 2012, 14, 095008.	2.9	24
49	Hyperfine coupling and spin polarization in the bulk of the topological insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2015, 91, .	3.2	24
50	Flipping exciton angular momentum with chiral phonons in MoSe₂/WSe₂ heterobilayers. 2D Materials, 2020, 7, 041002.	4.4	24
51	Suppressed Auger scattering and tunable light emission of Landau-quantized massless Kane electrons. Nature Photonics, 2019, 13, 783-787.	31.4	23
52	Spectroscopic Determination of the Electronic Structure of a Uranium Singleâ€Ion Magnet. Chemistry - A European Journal, 2019, 25, 1758-1766.	3.3	23
53	Splitting of Cyclotron Resonance Line in InAs/AlSb QW Heterostructures in High Magnetic Fields: Effects of Electron-Electron and Electron-Phonon Interaction. Journal of Low Temperature Physics, 2010, 159, 197-202.	1.4	22
54	Nonuniform carrier density in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Cd</mml:mi></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:math> evidenced by optical spectroscopy. Physical Review B, 2018, 97, .	3.2	22

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55	Circular dichroism of magnetophonon resonance in doped graphene. Physical Review B, 2012, 86, .	3.2	21
56	Magnetodielectric effect and phonon properties of compressively strained EuTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>thin films deposited on (001)(LaAlO<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.2	21
57	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mml: Determination of zero-field splitting in Co2+ halide complexes with magnetic and far-IR measurements. Dalton Transactions, 2017, 46, 7408-7411.	3.3	19
58	Possible coupling between magnons and phonons in multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">CaMn</mml:mi><mml:mn>7</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 90, .	3.2	18
59	Role of the apical oxygen in the low-temperature magnetoelectric effect inRMnO3(RÂ=ÂHo and Lu). Physical Review B, 2012, 85, .	3.2	17
60	Intraband carrier dynamics in Landau-quantized multilayer epitaxial graphene. New Journal of Physics, 2014, 16, 123021.	2.9	17
61	Raman scattering of grapheneâ€based systems in high magnetic fields. Journal of Raman Spectroscopy, 2018, 49, 146-156.	2.5	17
62	Magneto-transmission as a probe of Dirac fermions in bulk graphite. Journal of Physics Condensed Matter, 2008, 20, 454223.	1.8	16
63	Probing the band structure of quadri-layer graphene with magneto-phonon resonance. New Journal of Physics, 2012, 14, 095007.	2.9	16
64	Graphene in high magnetic fields. Comptes Rendus Physique, 2013, 14, 78-93.	0.9	16
65	Effect of electron-electron interaction on cyclotron resonance in high-mobility InAs/AlSb quantum wells. Journal of Applied Physics, 2015, 117, 112813.	2.5	16
66	New Selective Synthesis of Dithiaboroles as a Viable Pathway to Functionalized Benzenedithiolenes and Their Complexes. Inorganic Chemistry, 2016, 55, 6186-6194.	4.0	16
67	Energy scale of Dirac electrons in Cd3As2. Physical Review B, 2018, 97, .	3.2	16
68	Pentacoordinate cobalt(<scp>ii</scp>) single ion magnets with pendant alkyl chains: shall we go for chloride or bromide?. Inorganic Chemistry Frontiers, 2022, 9, 1179-1194.	6.0	15
69	Luminescence of double quantum wells subject to in-plane magnetic fields. Physical Review B, 2005, 72, .	3.2	13
70	Study of crystal-field excitations and Raman active phonons in o-DyMnO3. Journal of Magnetism and Magnetic Materials, 2011, 323, 1104-1108.	2.3	13
71	Electromagnon in ferromagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>E</mml:mi><mml:mo>a" </mml:mo><mml:msub><mml:mi mathvariant="bold">Fe</mml:mi><mml:mn mathvariant="bold">2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mn mathvariant="bold">3</mml:mn></mml:msub></mml:mrow></mml:math>nanograin ceramics. Physical R	3.2	13
72	Landau level spectroscopy of valence bands in HgTe quantum wells: effects of symmetry lowering. Journal of Physics Condensed Matter, 2019, 31, 145501.	1.8	13

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73	Luminescence of coupled quantum wells:â€ƒEffects of indirect excitons in high in-plane magnetic fields. Physical Review B, 2004, 70, .	3.2	12
74	Electronic properties of epitaxial graphene. International Journal of Nanotechnology, 2010, 7, 383.	0.2	12
75	Using magnetotransport to determine the spin splitting in graphite. Physical Review B, 2010, 81, .	3.2	12
76	Electrical Switch to the Resonant Magneto-Phonon Effect in Graphene. Nano Letters, 2014, 14, 1460-1466.	9.1	12
77	Magneto-transmission of multi-layer epitaxial graphene and bulk graphite: A comparison. Solid State Communications, 2009, 149, 1128-1131.	1.9	11
78	High-field magnetotransmission investigation of natural graphite. Physical Review B, 2011, 83, .	3.2	11
79	Spin injection from two-dimensional electron and hole gases in resonant tunneling diodes. Applied Physics Letters, 2011, 99, 233507.	3.3	11
80	Resonant Excitation of GrapheneK-Phonon and Intra-Landau-Level Excitons in Magneto-Optical Spectroscopy. Physical Review Letters, 2012, 108, 247401.	7.8	11
81	Strong interband Faraday rotation in 3D topological insulator Bi2Se3. Scientific Reports, 2016, 6, 19087.	3.3	11
82	Granular superconductivity and magnetic-field-driven recovery of macroscopic coherence in a cuprate/manganite multilayer. Physical Review B, 2016, 94, .	3.2	11
83	Structural and magnetic confinement of holes in the spin-polarized emission of coupled quantum ringâ€“quantum dot chains. Physical Review B, 2014, 90, .	3.2	10
84	Hole Fermi surface inBi2Se3probed by quantum oscillations. Physical Review B, 2016, 93, .	3.2	9
85	Magnetospectroscopy of double HgTe/CdHgTe quantum wells. Semiconductors, 2016, 50, 1532-1538.	0.5	9
86	Micro-Raman and infrared studies of multiferroic TbMn₂O₅. Journal of Physics Condensed Matter, 2016, 28, 055901.	1.8	9
87	Avoided level crossing at the magnetic field induced topological phase transition due to spin-orbital mixing. Physical Review B, 2018, 98, .	3.2	9
88	Landau level spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mn></mml:n Physical Review B, 2020, 102, .	3.2	9
89	Distinguishing the gapped and Weyl semimetal scenario in ZrTe5 : Insights from an effective two-band model. Physical Review B, 2020, 102, .	3.2	9
90	Infrared magnetospectroscopy of graphite in tilted fields. Physical Review B, 2012, 86, .	3.2	8

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91	Multiple magneto-phonon resonances in graphene. 2D Materials, 2016, 3, 015004.	4.4	8
92	BiTeCl and BiTeBr: A comparative high-pressure optical study. Physical Review B, 2017, 95, .	3.2	8
93	On the band spectrum in p-type HgTe/CdHgTe heterostructures and its transformation under temperature variation. Semiconductors, 2017, 51, 1531-1536.	0.5	8
94	Study of crystal-field excitations and infrared active phonons in TbMnO3. Journal of Physics Condensed Matter, 2018, 30, 175602.	1.8	8
95	Band splitting in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cd</mml:mi><mml:mn>3</mml:mn></mml measured by magnetotransport. Physical Review B, 2018, 97, .	3.2	8
96	Ultrafast Plasmon Thermalization in Epitaxial Graphene Probed by Timeâ€Resolved THz Spectroscopy. Advanced Functional Materials, 2021, 31, 2105763.	14.9	8
97	Nd 3+ crystal-field study of weakly doped Nd 1â˜' x Ca x MnO 3. Journal of Magnetism and Magnetic Materials, 2009, 321, 3607-3610.	2.3	7
98	SchneideretÂal.Reply:. Physical Review Letters, 2010, 104, .	7.8	7
99	Study of crystal-field excitations and infrared active phonons in the multiferroic hexagonal DyMnO3. Journal of Physics Condensed Matter, 2013, 25, 475403.	1.8	7
100	Infrared magneto-spectroscopy of two-dimensional and three-dimensional massless fermions: A comparison. Journal of Applied Physics, 2015, 117, 112803.	2.5	7
101	Magnetospectroscopy of double HgTe/CdHgTe QWs with inverted band structure in high magnetic fields up to 30 T. Opto-electronics Review, 2019, 27, 213-218.	2.4	7
102	Origin of the enhanced ferroelectricity in multiferroic SmMn2O5. Physical Review B, 2019, 100, .	3.2	7
103	Addressing shape and extent of Weyl cones in TaAs by Landau level spectroscopy. Physical Review B, 2022, 105, .	3.2	7
104	Lorentzâ€Boostâ€Driven Magnetoâ€Optics in a Dirac Nodalâ€Line Semimetal. Advanced Science, 2022, 9, .	11.2	7
105	Publisherâ€™s Note: How Perfect Can Graphene Be? [Phys. Rev. Lett.103, 136403 (2009)]. Physical Review Letters, 2009, 103, .	7.8	6
106	A micro-magneto-Raman scattering study of graphene on a bulk graphite substrate. Europhysics Letters, 2014, 108, 27011.	2.0	6
107	Probing the role of Nd3+ ions in the weak multiferroic character of NdMn2O5 by optical spectroscopies. Physical Review B, 2018, 98, .	3.2	6
108	Optical Studies and Transmission Electron Microscopy of HgCdTe Quantum Well Heterostructures for Very Long Wavelength Lasers. Nanomaterials, 2021, 11, 1855.	4.1	6

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109	Optical conductivity signatures of open Dirac nodal lines. Physical Review B, 2021, 104, .	3.2	6
110	Measurement of the infrared transmission through a single doped GaAs quantum well in an external magnetic field: Evidence for polaron effects. Physical Review B, 2009, 80, .	3.2	5
111	Electron-phonon interactions in a single modulation-doped GaInAs quantum well. Europhysics Letters, 2010, 92, 37002.	2.0	5
112	Spin polarization of carriers in resonant tunneling devices containing InAs self-assembled quantum dots. Superlattices and Microstructures, 2015, 88, 574-581.	3.1	5
113	Magnetoabsorption of Dirac Fermions in InAs/GaSb/InAs â€œThree-Layerâ€•Gapless Quantum Wells. JETP Letters, 2017, 106, 727-732.	1.4	5
114	Probing intraband excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ZrTe</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math> : A high-pressure infrared and transport study. Physical Review B, 2020, 101, .	3.2	5
115	Landau level spectroscopy of the PbSnSe topological crystalline insulator. Physical Review B, 2021, 103, .	3.2	5
116	Structural, optical and electronic properties of the wide bandgap topological insulator Bi1.1Sb0.9Te2S. Journal of Alloys and Compounds, 2022, 890, 161824.	5.5	5
117	Luminescence of indirect excitons in high in-plane magnetic fields. Physica E: Low-Dimensional Systems and Nanostructures, 2005, 30, 1-6.	2.7	4
118	Tunable terahertz oscillations in superlattices subject to an in-plane magnetic field. Physical Review B, 2006, 74, .	3.2	4
119	Polarization-Sensitive Fourier-Transform Spectroscopy of HgTe/CdHgTe Quantum Wells in the Far Infrared Range in a Magnetic Field. JETP Letters, 2018, 108, 329-334.	1.4	4
120	Magnetooptics of HgTe/CdTe Quantum Wells with Giant Rashba Splitting in Magnetic Fields up to 34 T. Semiconductors, 2018, 52, 1386-1391.	0.5	4
121	Electronic structure of unidirectional superlattices in crossed electric and magnetic fields and related terahertz oscillations. Physical Review B, 2007, 76, .	3.2	3
122	Anisotropic Magnetoresistance of GaMnAs Ferromagnetic Semiconductors. Journal of Superconductivity and Novel Magnetism, 2010, 23, 1161-1163.	1.8	3
123	Magneto-optical investigation of two-dimensional gases in n-type resonant tunneling diodes. Semiconductor Science and Technology, 2012, 27, 015018.	2.0	3
124	Interaction between interface and massive states in multivalley topological heterostructures. Physical Review Research, 2022, 4, .	3.6	3
125	Photoluminescence of n-doped double quantum wellâ€”electron subbands under influence of in-plane magnetic fields. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 34, 284-287.	2.7	2
126	Circular polarization in a non-magnetic resonant tunneling device. Nanoscale Research Letters, 2011, 6, 101.	5.7	2

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127	SU(4) symmetry breaking revealed by magneto-optical spectroscopy in epitaxial graphene. Physical Review B, 2015, 91, .	3.2	2
128	Temperature-driven massless Kane fermions in HgCdTe crystals. , 2016, , .		2
129	Magnetoabsorption in HgCdTe/CdHgTe Quantum Wells in Tilted Magnetic Fields. JETP Letters, 2019, 109, 191-197.	1.4	2
130	Spatially resolved optical spectroscopy in extreme environment of low temperature, high magnetic fields and high pressure. Review of Scientific Instruments, 2021, 92, 123909.	1.3	2
131	Photoluminescence of biased GaAs/AlxGa1â^'xAs double quantum wells â€" many-body effects. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 12, 335-339.	2.7	1
132	Electron dynamics in superlattices subject to crossed magnetic and electric fields. Microelectronics Journal, 2008, 39, 628-630.	2.0	1
133	Cyclotron resonance in HgCdTe-based heterostructures in strong magnetic fields. Journal of Physics: Conference Series, 2013, 461, 012038.	0.4	1
134	Limits of validity of the Rashba model in BiTeI: High-field magneto-optical study. Physical Review B, 2019, 100, .	3.2	1
135	Polaronic interaction in a single modulation-doped GaAs quantum well with the Feynman-Hellwarth-Iddings-Platzman approximation. Physical Review B, 2021, 104, .	3.2	1
136	Effects of the Electronâ€"Electron Interaction in the Magneto-Absorption Spectra of HgTe/CdHgTe Quantum Wells with an Inverted Band Structure. JETP Letters, 2020, 112, 508-512.	1.4	1
137	Temperature dependence of indirect-exciton luminescence in in-plane magnetic field. Journal of Luminescence, 2008, 128, 1873-1875.	3.1	0
138	Epitaxial Graphene: Designing a New Electronics Material. ECS Transactions, 2009, 19, 95-105.	0.5	0
139	Nonlinear transmission dynamics in graphene close to the Dirac point. , 2011, , .		0
140	Time resolved spectroscopy on quantum dots and graphene at the FELBE free-electron laser. Proceedings of SPIE, 2011, , .	0.8	0
141	Magnetospectroscopy of 2D HgTe based topological insulators. , 2012, , .		0
142	Publisherâ€™s Note: Resonant Excitation of Graphene<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi></mml:math>-Phonon and Intra-Landau-Level Excitons in Magneto-Optical Spectroscopy [Phys. Rev. Lett.108, 247401 (2012)]. Physical Review Letters, 2012, 108, .	7.8	0
143	Magnetospectroscopy of HgTe based topological insulators. , 2013, , .		0
144	Terahertz magnetospectroscopy of narrow-gap HgCdTe-based structures. , 2013, , .		0

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145	Magnetotransport in graphene on silicon side of SiC. Journal of Physics: Conference Series, 2013, 456, 012038.	0.4	0
146	Spin and lattice vibrations of CaMn<inf>7</inf>O<inf>12</inf> in the THz range. , 2014, , .		0
147	Optical Magneto-Spectroscopy of Graphene-Based Systems. Nanoscience and Technology, 2014, , 113-140.	1.5	0
148	Hole spin injection from a GaMnAs layer into GaAsâ€“AlAsâ€“InGaAs resonant tunneling diodes. Journal Physics D: Applied Physics, 2016, 49, 165104.	2.8	0
149	The saturation of interband Faraday rotation in Bi ₂ Se ₃. Europhysics Letters, 2017, 117, 47006.	2.0	0
150	Cyclotron resonance of Kane electrons observed in Cd<inf>3</inf>As<inf>2</inf>. , 2017, , .		0
151	Magnetooptical Studies and Stimulated Emission in Narrow Gap HgTe/CdHgTe Structures in the Very Long Wavelength Infrared Range. Semiconductors, 2018, 52, 436-441.	0.5	0
152	Anomalous temperature dependence of the effective mass in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> -type <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:msub></mml:math> Physical Review B, 2021, 104, .	3.2	0
153	Temperature-driven massless fermions in HgCdTe heterostructures. , 2017, , .		0