Marek Potemski

List of Publications by Citations

394 papers	12,468 citations	53 h-index	102 g-index
424 ext. papers	13,983 ext. citations	4.2 avg, IF	6.07 L-index

#	Paper	IF	Citations
394	Cloning of Dirac fermions in graphene superlattices. *Nature*, **2013**, 497, 594-7	50.4	884
393	Epitaxial graphene. *Solid State Communications*, **2007**, 143, 92-100	1.6	733
392	Single photon emitters in exfoliated WSe2 structures. *Nature Nanotechnology*, **2015**, 10, 503-6	28.7	517
391	Landau level spectroscopy of ultrathin graphite layers. *Physical Review Letters*, **2006**, 97, 266405	7.4	486
390	Approaching the dirac point in high-mobility multilayer epitaxial graphene. *Physical Review Letters*, **2008**, 101, 267601	7.4	485
389	Thermal conductivity of graphene in corbino membrane geometry. *ACS Nano*, **2010**, 4, 1889-92	16.7	296
388	Quality Heterostructures from Two-Dimensional Crystals Unstable in Air by Their Assembly in Inert Atmosphere. *Nano Letters*, **2015**, 15, 4914-21	11.5	289
387	Indirect-to-direct band gap crossover in few-layer MoTe*Nano Letters*, **2015**, 15, 2336-42	11.5	265
386	Few-layer graphene on SiC, pyrolitic graphite, and graphene: A Raman scattering study. *Applied Physics Letters*, **2008**, 92, 011914	3.4	263
385	Carrier relaxation in epitaxial graphene photoexcited near the Dirac point. *Physical Review Letters*, **2011**, 107, 237401	7.4	220
384	Excitonic resonances in thin films of WSe2: from monolayer to bulk material. *Nanoscale*, **2015**, 7, 10421-9	7.7	219
383	Intrinsic terahertz plasmons and magnetoplasmons in large scale monolayer graphene. *Nano Letters*, **2012**, 12, 2470-4	11.5	191
382	How perfect can graphene be?. *Physical Review Letters*, **2009**, 103, 136403	7.4	185
381	Dirac electronic states in graphene systems: optical spectroscopy studies. *Semiconductor Science and Technology*, **2010**, 25, 063001	1.8	148
380	Brightening of dark excitons in monolayers of semiconducting transition metal dichalcogenides. *2D Materials*, **2017**, 4, 021003	5.9	147
379	Electron-concentration-dependent quantum-well luminescence: Evidence for a negatively charged exciton. *Physical Review B*, **1995**, 51, 7969-7972	3.3	145
378	Observation of three-dimensional massless Kane fermions in a zinc-blende crystal. *Nature Physics*, **2014**, 10, 233-238	16.2	143

377	Hierarchy of Hofstadter states and replica quantum Hall ferromagnetism in graphene superlattices. *Nature Physics*, **2014**, 10, 525-529	16.2	137
376	Spin Excitations of a Two-Dimensional Electron Gas in the Limit of Vanishing Landé g Factor. *Physical Review Letters*, **1996**, 77, 4604-4607	7.4	132
375	Optical properties of atomically thin transition metal dichalcogenides: observations and puzzles. *Nanophotonics*, **2017**, 6, 1289-1308	6.3	123
374	Exciton band structure in layered MoSe2: from a monolayer to the bulk limit. *Nanoscale*, **2015**, 7, 20769-75	7.7	119
373	The direct-to-indirect band gap crossover in two-dimensional van der Waals Indium Selenide crystals. *Scientific Reports*, **2016**, 6, 39619	4.9	114
372	Epitaxial graphene electronic structure and transport. *Journal Physics D: Applied Physics*, **2010**, 43, 374007	3	104
371	Excitonic energy shell structure of self-assembled InGaAs/GaAs quantum dots. *Physical Review Letters*, **2004**, 92, 187402	7.4	103
370	Multiphonon resonant Raman scattering in MoS2. *Applied Physics Letters*, **2014**, 104, 092106	3.4	102
369	Microwave-induced resistance oscillations on a high-mobility two-dimensional electron gas: Exact waveform, absorption/reflection and temperature damping. *Physical Review B*, **2005**, 71,	3.3	101
368	Radiatively Limited Dephasing and Exciton Dynamics in MoSe2 Monolayers Revealed with Four-Wave Mixing Microscopy. *Nano Letters*, **2016**, 16, 5333-9	11.5	101
367	High-energy limit of massless Dirac fermions in multilayer graphene using magneto-optical transmission spectroscopy. *Physical Review Letters*, **2008**, 100, 087401	7.4	98
366	Graphite from the viewpoint of Landau level spectroscopy: an effective graphene bilayer and monolayer. *Physical Review Letters*, **2009**, 102, 166401	7.4	85
365	Microwave radiation induced magneto-oscillations in the longitudinal and transverse resistance of a two-dimensional electron gas. *Solid State Communications*, **2004**, 129, 341-345	1.6	85
364	Slowing hot-carrier relaxation in graphene using a magnetic field. *Physical Review B*, **2009**, 80,	3.3	84
363	Polariton effects in reflectance and emission spectra of homoepitaxial GaN. *Physical Review B*, **1997** , 56, 15151-15156	3.3	83
362	Frequency quenching of microwave-induced resistance oscillations in a high-mobility two-dimensional electron gas. *Physical Review B*, **2007**, 76,	3.3	78
361	Resonant Raman scattering in MoS2 from bulk to monolayer. *Solid State Communications*, **2014**, 197, 53-56	1.6	76
360	Tuning the electron-phonon coupling in multilayer graphene with magnetic fields. *Physical Review Letters*, **2009**, 103, 186803	7.4	74

359	Valley Zeeman Splitting and Valley Polarization of Neutral and Charged Excitons in Monolayer MoTe2 at High Magnetic Fields. *Nano Letters*, **2016**, 16, 3624-9	11.5	73
358	Cooling of a semiconductor by luminescence up-conversion. *Applied Physics Letters*, **1999**, 75, 1258-1260	3.4	72
357	Dirac fermions at the H point of graphite: magnetotransmission studies. *Physical Review Letters*, **2008**, 100, 136403	7.4	69
356	Magneto-Raman scattering of graphene on graphite: electronic and phonon excitations. *Physical Review Letters*, **2011**, 107, 036807	7.4	68
355	Magneto-Optical Signature of Massless Kane Electrons in Cd_{3}As_{2}. *Physical Review Letters*, **2016**, 117, 136401	7.4	66
354	The optical response of monolayer, few-layer and bulk tungsten disulfide. *Nanoscale*, **2017**, 9, 13128-13141	7.7	66
353	Resistively detected nuclear magnetic resonance in the quantum hall regime: possible evidence for a Skyrme crystal. *Physical Review Letters*, **2002**, 88, 256807	7.4	66
352	Magnetospectroscopy of epitaxial few-layer graphene. *Solid State Communications*, **2007**, 143, 123-125	1.6	64
351	Carrier dynamics in Landau-quantized graphene featuring strong Auger scattering. *Nature Physics*, **2015**, 11, 75-81	16.2	63
350	Quasiclassical cyclotron resonance of Dirac fermions in highly doped graphene. *Physical Review B*, **2010**, 82,	3.3	63
349	Tuning the valley and chiral quantum state of Dirac electrons in van der Waals heterostructures. *Science*, **2016**, 353, 575-9	33.3	63
348	Auger recombination within Landau levels in a two-dimensional electron gas. *Physical Review Letters*, **1991**, 66, 2239-2242	7.4	61
347	Recombination of excitons bound to oxygen and silicon donors in freestanding GaN. *Physical Review B*, **2002**, 66,	3.3	56
346	Magneto-optics of massive dirac fermions in bulk Bi2Se3. *Physical Review Letters*, **2015**, 114, 186401	7.4	55
345	Exciton droplets in zero dimensional systems in a magnetic field. *Solid State Communications*, **1997**, 101, 883-887	1.6	55
344	Electron-Electron Interactions in Emission from a Two-Dimensional Electron Gas in Quantizing Magnetic Fields. *Physical Review Letters*, **1998**, 80, 3344-3347	7.4	55
343	Optical probing of the spin polarization of the ν=5/2 quantum Hall state. *Physical Review Letters*, **2010**, 105, 096801	7.4	54
342	Consistent interpretation of the low-temperature magnetotransport in graphite using the Slonczewski-Weiss-McClure 3D band-structure calculations. *Physical Review Letters*, **2009**, 102, 166403	7.4	54

341	Interlayer excitons in a bulk van der Waals semiconductor. *Nature Communications*, **2017**, 8, 639	17.4	52
340	Theory of photoluminescence from an interacting two-dimensional electron gas in strong magnetic fields. *Physical Review B*, **1997**, 56, 12386-12394	3.3	52
339	Carrier scattering from dynamical magnetoconductivity in quasineutral epitaxial graphene. *Physical Review Letters*, **2011**, 107, 216603	7.4	50
338	g-factor dependence of the evolution of magneto-optical spectra with the density of quasi-two-dimensional electrons in Cd1−xMnxTe/Cd1−yMgyTe heterostructures. *Physical Review B*, **1999**, 59, R10437-R10440	3.3	50
337	Landau level spectroscopy of electron-electron interactions in graphene. *Physical Review Letters*, **2015**, 114, 126804	7.4	49
336	Fine structure of zero-mode Landau levels in HgTe/HgxCd1−xTe quantum wells. *Physical Review B*, **2011**, 83,	3.3	48
335	Neutral Mn acceptor in bulk GaN in high magnetic fields. *Physical Review B*, **2004**, 70,	3.3	48
334	Raman scattering of few-layers MoTe 2. *2D Materials*, **2016**, 3, 025010	5.9	47
333	Tuning Valley Polarization in a WSe2 Monolayer with a Tiny Magnetic Field. *Physical Review X*, **2016**, 6,	9.1	46
332	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	46
331	Optical probing of composite fermions in a two-dimensional electron gas. *Nature Physics*, **2006**, 2, 239-243	16.2	46
330	Fine structure in the excitonic emission of InAs□GaAs quantum dot molecules. *Physical Review B*, **2005**, 71,	3.3	46
329	Orbital, spin and valley contributions to Zeeman splitting of excitonic resonances in MoSe 2 , WSe 2 and WS 2 Monolayers. *2D Materials*, **2019**, 6, 015001	5.9	46
328	Brightening of dark excitons in a single CdTe quantum dot containing a single Mn2+ ion. *Physical Review B*, **2010**, 82,	3.3	45
327	From laterally modulated two-dimensional electron gas towards artificial graphene. *New Journal of Physics*, **2012**, 14, 053002	2.9	45
326	High-field spin resonance of weakly bound electrons in GaAs. *Physical Review B*, **1997**, 56, 7422-7427	3.3	43
325	Spin conservation of photocreated carriers in quantum wells in high magnetic fields: A new spectroscopic tool. *Physical Review Letters*, **1989**, 63, 2409-2412	7.4	43
324	Quantum oscillations in the microwave magnetoabsorption of a two-dimensional electron gas. *Physical Review B*, **2010**, 81,	3.3	42

323	Rhombohedral Multilayer Graphene: A Magneto-Raman Scattering Study. *Nano Letters*, **2016**, 16, 3710-6	11.5	42
322	Symmetry of excitons in GaN. *Physical Review B*, **1999**, 60, 4438-4441	3.3	41
321	Singlet and triplet trions in WS monolayer encapsulated in hexagonal boron nitride. *Nanotechnology*, **2018**, 29, 325705	3.4	41
320	Experimental observation of Landau levels in nonperiodic (Fibonacci) superlattices. *Physical Review Letters*, **1991**, 66, 2128-2131	7.4	40
319	Raman scattering excitation spectroscopy of monolayer WS. *Scientific Reports*, **2017**, 7, 5036	4.9	39
318	Plasmonic terahertz detectors based on a high-electron mobility GaAs/AlGaAs heterostructure. *Journal of Applied Physics*, **2014**, 115, 214503	2.5	39
317	Insulating state in tetralayers reveals an even-odd interaction effect in multilayer graphene. *Nature Communications*, **2015**, 6, 6419	17.4	38
316	Scanning tunneling spectroscopy of van der Waals graphene/semiconductor interfaces: absence of Fermi level pinning. *2D Materials*, **2017**, 4, 035019	5.9	38
315	Emission from a highly excited single InAs□GaAs quantum dot in magnetic fields: An excitonic Fock-Darwin diagram. *Physical Review B*, **2006**, 74,	3.3	37
314	Term spectrum of magnetoexcitons in quasi-two-dimensional systems. *Physical Review B*, **1990**, 41, 10763-10771	3.3	37
313	Evidence for excitonic polarons in InAs□GaAs quantum dots. *Physical Review B*, **2006**, 73,	3.3	36
312	Dimensionality effects on strain and quantum confinement in lattice-mismatched InAsxP1-x/InP quantum wires. *Physical Review B*, **1995**, 52, 11147-11158	3.3	35
311	Measurement of the spin-forbidden dark excitons in MoS and MoSe monolayers. *Nature Communications*, **2020**, 11, 4037	17.4	35
310	Magnetic field tuning of exciton-polaritons in a semiconductor microcavity. *Physical Review B*, **2015**, 91,	3.3	34
309	Determination of the energy band gap of BiSe. *Scientific Reports*, **2017**, 7, 6891	4.9	34
308	Optical absorption to probe the quantum Hall ferromagnet at filling factor nu=1. *Physical Review Letters*, **2009**, 102, 126806	7.4	34
307	Collective character of spin excitations in a system of Mn2+ spins coupled to a two-dimensional electron gas. *Physical Review Letters*, **2003**, 91, 077201	7.4	34
306	Energy Spectrum of Two-Dimensional Excitons in a Nonuniform Dielectric Medium. *Physical Review Letters*, **2019**, 123, 136801	7.4	33

305	Magnetoexcitons in narrow GaAs/Ga1-xAlxAs quantum wells. *Physical Review B*, **1991**, 43, 14707-14710	3.3	33
304	Upconverted electroluminescence via Auger scattering of interlayer excitons in van der Waals heterostructures. *Nature Communications*, **2019**, 10, 2335	17.4	32
303	Probing electronic excitations in mono- to pentalayer graphene by micro magneto-Raman spectroscopy. *Nano Letters*, **2014**, 14, 4548-53	11.5	32
302	Magneto-optics of bilayer inclusions in multilayered epitaxial graphene on the carbon face of SiC. *Physical Review B*, **2011**, 83,	3.3	32
301	The chemical vapour transport growth of ZnO single crystals. *Journal of Alloys and Compounds*, **2004**, 371, 150-152	5.7	32
300	Polarization-resolved magneto-Raman scattering of graphenelike domains on natural graphite. *Physical Review B*, **2012**, 85,	3.3	31
299	Magneto infrared absorption in high electron density GaAs quantum wells. *Physical Review Letters*, **2001**, 86, 336-9	7.4	31
298	Properties of a dense quasi-two-dimensional electron-hole gas at high magnetic fields. *Solid State Communications*, **1990**, 75, 185-188	1.6	31
297	Sub-bandgap Voltage Electroluminescence and Magneto-oscillations in a WSe Light-Emitting van der Waals Heterostructure. *Nano Letters*, **2017**, 17, 1425-1430	11.5	30
296	Observation of a Biexciton Wigner Molecule by Fractional Optical Aharonov-Bohm Oscillations in a Single Quantum Ring. *Nano Letters*, **2016**, 16, 27-33	11.5	30
295	Flat electronic bands in long sequences of rhombohedral-stacked graphene. *Physical Review B*, **2018**, 97,	3.3	29
294	Electronic excitations and electron-phonon coupling in bulk graphite through Raman scattering in high magnetic fields. *Physical Review B*, **2011**, 84,	3.3	29
293	Ground-state emission from a single InAs□GaAs self-assembled quantum dot structure in ultrahigh magnetic fields. *Physical Review B*, **2006**, 74,	3.3	29
292	Pauli paramagnetism and Landau level crossing in a modulation doped CdMnTe/CdMgTe quantum well. *Physical Review Letters*, **2002**, 88, 186803	7.4	29
291	Magnetoluminescence of the two-dimensional electron-hole fluid. *Physical Review B*, **1991**, 43, 9662-9674	3.3	29
290	Excitonic complexes in natural InAs/GaAs quantum dots. *Physical Review B*, **2015**, 91,	3.3	28
289	Fractional quantum Hall effect in CdTe. *Physical Review B*, **2010**, 82,	3.3	27
288	Phase Diagram for the Breakdown of the Quantum Hall Effect. *Physical Review Letters*, **1999**, 82, 1249-1252	7.4	27

287	Probing and Manipulating Valley Coherence of Dark Excitons in Monolayer WSe_{2}. *Physical Review Letters*, **2019**, 123, 096803	7.4	26
286	Impact of environment on dynamics of exciton complexes in a WS 2 monolayer. *2D Materials*, **2018**, 5, 031007	5.9	26
285	Single photon emitters in boron nitride: More than a supplementary material. *Optics Communications*, **2018**, 411, 158-165	2	25
284	Quantum interference in exciton-Mn spin interactions in a CdTe semiconductor quantum dot. *Physical Review Letters*, **2011**, 107, 207403	7.4	25
283	Intraband magnetospectroscopy of singly and doubly charged n-type self-assembled quantum dots. *Physical Review B*, **2006**, 74,	3.3	25
282	Magneto-optical probing of weak disorder in a two-dimensional hole gas. *Physical Review B*, **2007**, 75,	3.3	25
281	Dirac Particles in Epitaxial Graphene Films Grown on SiC. *Advances in Solid State Physics*, **2008**, 145-157		24
280	Polarization and Broken Symmetry due to Anisotropic Triaxial Strain States in Lattice-Mismatched Quantum Wires. *Physical Review Letters*, **1998**, 80, 3125-3128	7.4	24
279	Magneto-optical determination of exciton binding energies in quantum-wire superlattices. *Physical Review B*, **1996**, 53, 6959-6962	3.3	24
278	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	23
277	Hyperfine coupling and spin polarization in the bulk of the topological insulator Bi2Se3. *Physical Review B*, **2015**, 91,	3.3	22
276	Dark trions govern the temperature-dependent optical absorption and emission of doped atomically thin semiconductors. *Physical Review B*, **2020**, 101,	3.3	21
275	Photoluminescence of p-doped quantum wells with strong spin splitting. *Physical Review B*, **2004**, 70,	3.3	21
274	Thermal Collapse of the Fractional-Quantum-Hall-Effect Energy Gaps. *Europhysics Letters*, **1993**, 22, 287-292	1.8	21
273	Exciton Trions in II-VI Heterostructures. *Acta Physica Polonica A*, **1998**, 94, 99-109	0.6	21
272	Cyclotron motion in the vicinity of a Lifshitz transition in graphite. *Physical Review Letters*, **2012**, 108, 017602	7.4	20
271	Microwave absorption/reflection and magneto-transport experiments on high-mobility electron gas. *IEEE Nanotechnology Magazine*, **2005**, 4, 124-131	2.6	20
270	Fine structure of effective mass acceptors in gallium nitride. *Physical Review Letters*, **2003**, 91, 226404	7.4	20

269	Exchange splitting of the heavy hole exciton ground state in GaAs-GaAlAs quantum wells. *Surface Science*, **1990**, 229, 151-154	1.8	20
268	Photon correlation studies of charge variation in a single GaAlAs quantum dot. *Physical Review B*, **2013**, 87,	3.3	19
267	Photoluminescence investigations of two-dimensional hole Landau levels in p-type single AlxGa1−xAs/GaAs heterostructures. *Physical Review B*, **2003**, 67,	3.3	19
266	II-VI quantum structures with tunable electron -factor. *Journal of Crystal Growth*, **2000**, 214-215, 378-386	1.6	19
265	Valley-contrasting optics of interlayer excitons in Mo- and W-based bulk transition metal dichalcogenides. *Nanoscale*, **2018**, 10, 15571-15577	7.7	18
264	Circular dichroism of magnetophonon resonance in doped graphene. *Physical Review B*, **2012**, 86,	3.3	18
263	Effect of a magnetic field on the two-phonon Raman scattering in graphene. *Physical Review B*, **2010**, 81,	3.3	18
262	Trion formation in narrow GaAs quantum well structures. *Physical Review B*, **2005**, 71,	3.3	18
261	Impurity-Related Luminescence of Homoepitaxial GaN Studied with High Magnetic Fields. *Physica Status Solidi (B): Basic Research*, **1998**, 210, 373-383	1.3	17
260	High-angular-momentum excitons in GaAs/Ga1-xAlxAs quantum wells. *Physical Review B*, **1988**, 38, 10154-10157	3.3	17
259	Probing the band structure of quadri-layer graphene with magneto-phonon resonance. *New Journal of Physics*, **2012**, 14, 095007	2.9	16
258	Magneto-optics of a two-dimensional electron gas. *Physica B: Condensed Matter*, **1998**, 256-258, 283-291	2.8	16
257	Fock-Darwin spectrum of a single InAs/GaAs quantum dot. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2006**, 3, 3748-3751		16
256	The lifetime of interlayer breathing modes of few-layer 2H-MoSe membranes. *Nanoscale*, **2019**, 11, 10446-10453	7.7	15
255	Fine structure of K-excitons in multilayers of transition metal dichalcogenides. *2D Materials*, **2019**, 6, 025026	5.9	15
254	Ultra-long-working-distance spectroscopy of single nanostructures with aspherical solid immersion microlenses. *Light: Science and Applications*, **2020**, 9, 48	16.7	15
253	Fractional quantum Hall effect in a dilute magnetic semiconductor. *Physical Review B*, **2014**, 90,	3.3	15
252	Hyperspectral imaging of exciton photoluminescence in individual carbon nanotubes controlled by high magnetic fields. *Nano Letters*, **2014**, 14, 5194-200	11.5	15

251	Intraband carrier dynamics in Landau-quantized multilayer epitaxial graphene. *New Journal of Physics*, **2014**, 16, 123021	2.9	15
250	Optical properties of Cd1−xMnxTe quantum wells across the Mott transition: An interband spectroscopy study. *Physical Review B*, **2006**, 73,	3.3	15
249	Resonant interaction of LO phonons with excited donor states in GaN. *Physica Status Solidi (B): Basic Research*, **2003**, 235, 36-39	1.3	15
248	Single-dot spectroscopy in high magnetic fields. *Physica E: Low-Dimensional Systems and Nanostructures*, **2005**, 26, 190-193	3	15
247	Magnetic field effects in the luminescence spectra of type II double layer structures. *Solid-State Electronics*, **1996**, 40, 139-141	1.7	15
246	High intensity excitation luminescence of quantum wells in high magnetic fields. *Surface Science*, **1990**, 229, 380-383	1.8	15
245	Raman scattering of graphene-based systems in high magnetic fields. *Journal of Raman Spectroscopy*, **2018**, 49, 146-156	2.3	15
244	Band-bending induced by charged defects and edges of atomically thin transition metal dichalcogenide films. *2D Materials*, **2018**, 5, 035034	5.9	15
243	Resonant quenching of Raman scattering due to out-of-plane A1g/A?1 modes in few-layer MoTe2. *Nanophotonics*, **2017**, 6, 1281-1288	6.3	14
242	Magnetoelastic interaction in the two-dimensional magnetic material MnPS3 studied by first principles calculations and Raman experiments. *2D Materials*, **2020**, 7, 035030	5.9	14
241	High magnetic field spin splitting of excitons in asymmetric GaAs quantum wells. *Physical Review B*, **2012**, 86,	3.3	14
240	Optically detected oscillations of screening by a two-dimensional electron gas in a magnetic field. *Physical Review B*, **1997**, 55, 7685-7689	3.3	14
239	Magneto-transmission as a probe of Dirac fermions in bulk graphite. *Journal of Physics Condensed Matter*, **2008**, 20, 454223	1.8	14
238	High-field magnetooptical behavior of polymer-embedded single-walled carbon nanotubes. *Physical Review B*, **2008**, 78,	3.3	14
237	Magneto-optical spectroscopy of free- and bound-electron-hole excitations in the presence of a two-dimensional electron gas. *Physical Review B*, **1994**, 50, 11895-11901	3.3	14
236	Narrow Excitonic Lines and Large-Scale Homogeneity of Transition-Metal Dichalcogenide Monolayers Grown by Molecular Beam Epitaxy on Hexagonal Boron Nitride. *Nano Letters*, **2020**, 20, 3058-3066	11.5	13
235	MAGNETO-SPECTROSCOPY OF EPITAXIAL GRAPHENE. *International Journal of Modern Physics B*, **2007**, 21, 1145-1154	1.1	13
234	Mixing of excitonic states containing light and heavy holes in an isolated GaAs/AlGaAs quantum well in a magnetic field. *JETP Letters*, **1996**, 64, 57-61	1.2	13

233	Energy scale of Dirac electrons in Cd3As2. *Physical Review B*, **2018**, 97,	3.3	12
232	Electrical switch to the resonant magneto-phonon effect in graphene. *Nano Letters*, **2014**, 14, 1460-6	11.5	12
231	Excited exciton and biexciton localised states in a single quantum ring. *Applied Physics Letters*, **2013** , 103, 173106	3.4	12
230	Magneto-optical readout of dark exciton distribution in cuprous oxide. *Physical Review B*, **2009**, 80,	3.3	12
229	Electronic properties of epitaxial graphene. *International Journal of Nanotechnology*, **2010**, 7, 383	1.5	12
228	Magneto-optics of a two-dimensional electron gas confined in Cd1MnxTe quantum wells. *Physica B: Condensed Matter*, **1998**, 256-258, 577-581	2.8	12
227	Coupling of Mn2+ spins with a 2DEG in quantum Hall regime. *Physica E: Low-Dimensional Systems and Nanostructures*, **2003**, 17, 335-341	3	12
226	Coherent dynamics and mapping of excitons in single-layer MoSe2 and WSe2 at the homogeneous limit. *Physical Review Materials*, **2020**, 4,	3.2	12
225	Flipping exciton angular momentum with chiral phonons in MoSe2/WSe2 heterobilayers. *2D Materials*, **2020**, 7, 041002	5.9	12
224	Using magnetotransport to determine the spin splitting in graphite. *Physical Review B*, **2010**, 81,	3.3	11
223	Optically induced charge conversion of coexistent free and bound excitonic complexes in two-beam magnetophotoluminescence of two-dimensional quantum structures. *Physical Review B*, **2012**, 85,	3.3	11
222	Optical detection of electron paramagnetic resonance in CdMnTe single quantum wells. *Applied Physics Letters*, **2003**, 82, 3719-3721	3.4	11
221	Zeeman spectroscopy of excitons and hybridization of electronic states in few-layer WSe 2 , MoSe 2 and MoTe 2. *2D Materials*, **2019**, 6, 015010	5.9	11
220	Valley polarization of exciton-polaritons in monolayer WSe in a tunable microcavity. *Nanoscale*, **2019**, 11, 9574-9579	7.7	10
219	Midgap radiative centers in carbon-enriched hexagonal boron nitride. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 13214-13219	11.5	10
218	Energy shell structure of a single InAs/GaAs quantum dot with a spin-orbit interaction. *Physical Review B*, **2009**, 79,	3.3	10
217	Resonant excitation of graphene k-phonon and intra-landau-level excitons in magneto-optical spectroscopy [corrected]. *Physical Review Letters*, **2012**, 108, 247401	7.4	10
216	Single-exciton energy shell structure in InAs/GaAs quantum dots. *Physical Review B*, **2008**, 78,	3.3	10

215	Coupled plasmon□O-phonon modes at high-magnetic fields. *Physical Review B*, **2006**, 74,	3.3	10
214	Exciton-polaritons in multilayer WSe 2 in a planar microcavity. *2D Materials*, **2020**, 7, 015006	5.9	10
213	Tuning carrier concentration in a superacid treated MoS monolayer. *Scientific Reports*, **2019**, 9, 1989	4.9	10
212	Landau level spectroscopy of valence bands in HgTe quantum wells: effects of symmetry lowering. *Journal of Physics Condensed Matter*, **2019**, 31, 145501	1.8	10
211	Magneto-transmission of multi-layer epitaxial graphene and bulk graphite: A comparison. *Solid State Communications*, **2009**, 149, 1128-1131	1.6	9
210	Light scattering from self-assembled quantum disks. *Physica E: Low-Dimensional Systems and Nanostructures*, **1998**, 2, 652-656	3	9
209	Electronic structure of InAs/GaAs self-assembled quantum dots studied by high-excitation luminescence in magnetic fields up to. *Physica B: Condensed Matter*, **2004**, 346-347, 432-436	2.8	9
208	Spin polarization of an optically pumped electron gas. *Solid State Communications*, **1999**, 110, 163-168	1.6	9
207	Filling factor dependent Landau level broadening studied with inter- and intraband magneto-optics in GaInAs/AlInAs MDQWs. *Surface Science*, **1992**, 263, 591-594	1.8	9
206	Stark and Zeeman effects in excitons in GaAs/GaAlAs quantum wells. *Superlattices and Microstructures*, **1989**, 5, 371-374	2.8	9
205	Emission from Mesoscopic-Size Islands Formed in a GaAs/AlAs Double Layer Structure. *Acta Physica Polonica A*, **2004**, 106, 367-381	0.6	9
204	Hole Fermi surface in Bi2Se3 probed by quantum oscillations. *Physical Review B*, **2016**, 93,	3.3	8
203	Magnetospectroscopy of double HgTe/CdHgTe quantum wells. *Semiconductors*, **2016**, 50, 1532-1538	0.7	8
202	Suppressed Auger scattering and tunable light emission of Landau-quantized massless Kane electrons. *Nature Photonics*, **2019**, 13, 783-787	33.9	8
201	Magnetoresistance quantum oscillations in a magnetic two-dimensional electron gas. *Physical Review B*, **2015**, 92,	3.3	8
200	Recombination dynamics of excitons and exciton complexes in single quantum dots. *Europhysics Letters*, **2012**, 100, 67006	1.6	8
199	Theory of optical properties of II-VI semiconductor quantum dots containing a single magnetic ion in a strong magnetic field. *Physical Review B*, **2012**, 85,	3.3	8
198	1.3 μm emission from InAs/GaAs quantum dots. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2006**, 3, 3811-3814		8

197	The microwave induced resistance response of a high mobility 2DEG from the quasi-classical limit to the quantum Hall regime. *Physica E: Low-Dimensional Systems and Nanostructures*, **2006**, 34, 73-76	3	8
196	Optical studies of Mn2+ spin resonance in (Cd,Mn)Te quantum wells. *Physica E: Low-Dimensional Systems and Nanostructures*, **2004**, 22, 652-655	3	8
195	Single-dot-like emission induced by high magnetic fields. *Physica E: Low-Dimensional Systems and Nanostructures*, **2002**, 12, 876-879	3	8
194	Magneto-photoluminescence study of energy levels of self-organised InAs/GaAs quantum dots. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2000**, 69-70, 318-323	3.1	8
193	On the Spin-Flip Mechanisms of Electrons in Semiconductor Quantum Wells. *Physica Status Solidi (B): Basic Research*, **1999**, 215, 229-233	1.3	8
192	Polarised Magnetoluminescence of Excitons in Homoepitaxial GaN Layers. *Physica Status Solidi (B): Basic Research*, **1999**, 216, 11-15	1.3	8
191	Theory of Auger upconversion in quantum wells in a quantizing magnetic field. *Journal of Physics Condensed Matter*, **1993**, 5, 6719-6728	1.8	8
190	Interband magneto-optics in GaAs/AlGaAs quantum wells in a parallel field. *Surface Science*, **1992**, 267, 509-513	1.8	8
189	Magnetic field effects in highly resolved two-dimensional excitons. *Surface Science*, **1990**, 229, 504-507	1.8	8
188	Magnon polarons in the van der Waals antiferromagnet FePS3. *Physical Review B*, **2021**, 104,	3.3	8
187	Cyclotron-resonant exciton transfer between the nearly free and strongly localized radiative states of a two-dimensional hole gas in a high magnetic field. *Physical Review B*, **2012**, 85,	3.3	7
186	Schneider et al. Reply:. *Physical Review Letters*, **2010**, 104,	7.4	7
185	MICROWAVE MAGNETOPLASMON ABSORPTION BY A 2DEG STRIPE. *International Journal of Modern Physics B*, **2009**, 23, 2698-2702	1.1	7
184	Enhancement of the spin gap in fully occupied two-dimensional Landau levels. *Physical Review B*, **2010**, 82,	3.3	7
183	High-pressure and magneto-optical studies of Cr-related defects in the lithium-rich LiNbO3:Cr,Mg crystal. *Physical Review B*, **2007**, 76,	3.3	7
182	Effect of free carriers and impurities on the density of states and optical spectra of two-dimensional magnetoexcitons. *Physical Review B*, **2006**, 74,	3.3	7
181	Valley polarization of singlet and triplet trions in a WS monolayer in magnetic fields. *Physical Chemistry Chemical Physics*, **2020**, 22, 19155-19161	3.6	7
180	Comparison of magneto-optical properties of various excitonic complexes in CdTe and CdSe self-assembled quantum dots. *Journal of Physics Condensed Matter*, **2016**, 28, 265302	1.8	7

179	Magnetic field induced polarization enhancement in monolayers of tungsten dichalcogenides: effects of temperature. *2D Materials*, **2018**, 5, 015023	5.9	7
178	Light Controlled Optical Aharonov-Bohm Oscillations in a Single Quantum Ring. *Nano Letters*, **2018**, 18, 6188-6194	11.5	7
177	Magneto-absorption spectra of hydrogen-like yellow exciton series in cuprous oxide: excitons in strong magnetic fields. *Scientific Reports*, **2018**, 8, 7818	4.9	7
176	Optical spectroscopy on semiconductor quantum dots in high magnetic fields. *Comptes Rendus Physique*, **2013**, 14, 121-130	1.4	6
175	Spin-lattice relaxation of an individual Mn2+ ion in a CdTe/ZnTe quantum dot. *Physical Review B*, **2015**, 92,	3.3	6
174	Skyrmion excitations in the limit of vanishing Land□g-factor. *Physica B: Condensed Matter*, **1998**, 249-251, 1-6	2.8	6
173	Reply to □Comment on □Recombination of excitons bound to oxygen and silicon donors in freestanding GaN□□ *Physical Review B*, **2004**, 69,	3.3	6
172	Resistively detected NMR in the quantum Hall regime. *Physica E: Low-Dimensional Systems and Nanostructures*, **2002**, 12, 149-151	3	6
171	Band-gap renormalization and photoluminescence from an interacting two-dimensional electron gas in a magnetic field. *Physica E: Low-Dimensional Systems and Nanostructures*, **2002**, 12, 495-498	3	6
170	Magneto-optical transitions in the presence of a two-dimensional hole gas. *Solid-State Electronics*, **1996**, 40, 697-699	1.7	6
169	Relationship between nonparabolicity and confinement energies in In0.53Ga0.47As/InP quantum wires. *Physical Review B*, **1996**, 54, 4835-4842	3.3	6
168	Ferromagnetic, Ferrimagnetic and Spin-wave Resonances in GaMnAs Layers. *Acta Physica Polonica A* , **2002**, 102, 617-625	0.6	6
167	Fine Structure of Neutral Excitons in Single GaAlAs Quantum Dots. *Acta Physica Polonica A*, **2012**, 122, 988-990	0.6	6
166	Neutral and charged dark excitons in monolayer WS. *Nanoscale*, **2020**, 12, 18153-18159	7.7	6
165	Infrared magneto-spectroscopy of two-dimensional and three-dimensional massless fermions: A comparison. *Journal of Applied Physics*, **2015**, 117, 112803	2.5	5
164	Breathing modes in few-layer MoTe2 activated by h-BN encapsulation. *Applied Physics Letters*, **2020** , 116, 191601	3.4	5
163	Direct determination of the zero-field splitting for a single Co2+ ion embedded in a CdTe/ZnTe quantum dot. *Physical Review B*, **2018**, 97,	3.3	5
162	Multiple magneto-phonon resonances in graphene. *2D Materials*, **2016**, 3, 015004	5.9	5

161	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	5
160	On the band spectrum in p-type HgTe/CdHgTe heterostructures and its transformation under temperature variation. *Semiconductors*, **2017**, 51, 1531-1536	0.7	5
159	A micro-magneto-Raman scattering study of graphene on a bulk graphite substrate. *Europhysics Letters*, **2014**, 108, 27011	1.6	5
158	Investigation of interband optical transitions by near-resonant magneto-photoluminescence in InAs/GaAs quantum dots. *European Physical Journal B*, **2009**, 67, 51-56	1.2	5
157	Publisher Note: How Perfect Can Graphene Be? [Phys. Rev. Lett. 103, 136403 (2009)]. *Physical Review Letters*, **2009**, 103,	7.4	5
156	Optical measurements of spin polarization in a 2D electron system with g-factor tunable through zero. *Physica B: Condensed Matter*, **1998**, 256-258, 136-140	2.8	5
155	Charged and neutral excitons in natural quantum dots in the InAs/GaAs wetting layer. *Physica E: Low-Dimensional Systems and Nanostructures*, **2008**, 40, 2078-2080	3	5
154	Magnetopolaron effect on shallow donors in GaN. *Physical Review B*, **2006**, 74,	3.3	5
153	Electronic and Structural Properties of Interdiffused Self-Assembled Quantum Dots from Magneto-Photoluminescence. *Japanese Journal of Applied Physics*, **2004**, 43, 2088-2092	1.4	5
152	Enhanced Zeeman effect in GGG:Mn4+,Ca crystals. *Chemical Physics*, **2004**, 298, 267-272	2.3	5
151	Longitudinal conductivity in Si/SiGe heterostructure at integer filling factors. *Physical Review B*, **2003**, 68,	3.3	5
150	Poulter et al. Reply:. *Physical Review Letters*, **2002**, 89,	7.4	5
149	Fluorescence line narrowing in GGG:Mn4+ in a strong magnetic field. *Journal of Applied Spectroscopy*, **1995**, 62, 951-956	0.7	5
148	Temperature dependence of spin relaxation observed with high field magneto-optics in GaAs/GaAlAs quantum wells. *Superlattices and Microstructures*, **1991**, 9, 303-307	2.8	5
147	Excitonic Complexes in n-Doped WS Monolayer. *Nano Letters*, **2021**, 21, 2519-2525	11.5	5
146	Strong interband Faraday rotation in 3D topological insulator Bi2Se3. *Scientific Reports*, **2016**, 6, 19087	4.9	5
145	2s exciton-polariton revealed in an external magnetic field. *Physical Review B*, **2017**, 96,	3.3	4
144	Intershell Exchange Interaction in Charged GaAlAs Quantum Dots. *Acta Physica Polonica A*, **2013**, 124, 785-787	0.6	4

143	Quantum Hall states under conditions of vanishing Zeeman energy. *Physical Review B*, **2010**, 82,	3.3	4
142	Quantum Hall skyrmions in a hole gas with a large spin gap. *Physical Review B*, **2006**, 73,	3.3	4
141	DIRECT BANDGAP QUANTUM DOTS EMBEDDED IN A TYPE-II GaAs/AlAs DOUBLE QUANTUM WELL STRUCTURE. *International Journal of Modern Physics B*, **2007**, 21, 1654-1658	1.1	4
140	Electronic structure of shallow impurities in GaN studied via bound exciton magnetooptics. *Physica Status Solidi A*, **2004**, 201, 181-189		4
139	Magnetic order in semiconducting, ferromagnetic Ga1´xMnxAs. *Semiconductor Science and Technology*, **2004**, 19, S492-S493	1.8	4
138	Inelastic light scattering on coupled plasmon-LO phonon modes in high magnetic fields. *Physica B: Condensed Matter*, **2001**, 298, 216-220	2.8	4
137	Low-frequency impedance of quantized Hall conductors. *Physical Review B*, **2000**, 62, 12990-12996	3.3	4
136	Control of Photon Polarization in GaAs/AlAs Single Quantum Dot Emission. *Acta Physica Polonica A*, **2007**, 112, 461-466	0.6	4
135	Magneto-optical studies of shallow donors in MOCVD grown GaN layers in FIR. *MRS Internet Journal of Nitride Semiconductor Research*, **1998**, 3, 1		4
134	Controlling exciton many-body states by the electric-field effect in monolayer MoS2. *Physical Review Research*, **2021**, 3,	3.9	4
133	Rydberg series of dark excitons and the conduction band spin-orbit splitting in monolayer WSe2. *Communications Physics*, **2021**, 4,	5.4	4
132	Crystal-Phase Quantum Wires: One-Dimensional Heterostructures with Atomically Flat Interfaces. *Nano Letters*, **2018**, 18, 247-254	11.5	3
131	Time-resolved magneto-Raman study of carrier dynamics in low Landau levels of graphene. *Physical Review B*, **2019**, 100,	3.3	3
130	Magnetoabsorption of Dirac Fermions in InAs/GaSb/InAs Three-Layer Gapless Quantum Wells. *JETP Letters*, **2017**, 106, 727-732	1.2	3
129	High magnetic field studies of charged exciton localization in GaAs/AlxGa1As quantum wells. *Applied Physics Letters*, **2014**, 105, 112104	3.4	3
128	Publisher's Note: Quantum oscillations in the microwave magnetoabsorption of a two-dimensional electron gas [Phys. Rev. B 81, 201302(R) (2010)]. *Physical Review B*, **2010**, 81,	3.3	3
127	Three-dimensional localization of excitons in the InAs/GaAs wetting layer magnetospectroscopic study. *Physica Status Solidi (B): Basic Research*, **2009**, 246, 850-853	1.3	3
126	Many body effects on the spin relaxation of electrons in GaAs quantum wells. *Physica E: Low-Dimensional Systems and Nanostructures*, **1998**, 2, 186-190	3	3

125	Magneto-spectroscopy of donor-bound excitons in GaN. *Physica B: Condensed Matter*, **2007**, 401-402, 441-446	2.8	3
124	Magneto-optical studies of iron impurity in HVPE GaN. *Physica B: Condensed Matter*, **2007**, 401-402, 458-461	2.8	3
123	A quasi-classical mechanism for microwave induced resistance oscillations in high mobility GaAs/AlGaAs 2DEG samples. *Physica E: Low-Dimensional Systems and Nanostructures*, **2008**, 40, 1424-1426	3	3
122	RESPONSE OF A 2DEG TO MICROWAVE IRRADIATION. *International Journal of Modern Physics B*, **2007**, 21, 1579-1583	1.1	3
121	Optically detected cyclotron resonance in a high mobility 2D electron gas. *Physica E: Low-Dimensional Systems and Nanostructures*, **2006**, 32, 203-206	3	3
120	Optical spectroscopy of a single InAs/GaAs quantum dot in high magnetic fields. *Physica E: Low-Dimensional Systems and Nanostructures*, **2006**, 34, 288-291	3	3
119	Conductivity of weakly and strongly localized electrons in a n-type Si/SiGe heterostructure. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2004**, 1, 67-70		3
118	Resistively detected EPR of Mn2+ ions coupled to the 2DEG in the quantum Hall regime. *Physica E: Low-Dimensional Systems and Nanostructures*, **2002**, 12, 356-360	3	3
117	Dynamics of trapping on donors and relaxation of the B-exciton in GaN. *Physica Status Solidi (B): Basic Research*, **2003**, 235, 31-35	1.3	3
116	Free-to-bound and interband recombination in the photoluminescence of a dense two-dimensional electron gas. *Physical Review B*, **2002**, 65,	3.3	3
115	Magneto-Optical Absorption Studies of Modulation-Doped CdTe and dMnTe Quantum Wells. *Physica Status Solidi A*, **2000**, 178, 95-99		3
114	Relaxation of magnetic moments in GaAs/GaAlAs quantum wells. *Semiconductor Science and Technology*, **1992**, 7, 1369-1376	1.8	3
113	Magnetic Resonance Studies of the Origin of Ferromagnetism in Ga1-xMnxAs. *Acta Physica Polonica A*, **2003**, 103, 607-612	0.6	3
112	Shake-Up Processes in Photoluminescence of Two-Dimensional Holes in a High Magnetic Field. *Acta Physica Polonica A*, **2006**, 110, 429-435	0.6	3
111	Nonlinear Zeeman Splitting of Holes in Doped GaAs Heterostructures. *Acta Physica Polonica A*, **2011** , 119, 609-611	0.6	3
110	The Fine Structure of a Triexciton in Single InAs/GaAs Quantum Dots. *Acta Physica Polonica A*, **2012**, 122, 991-993	0.6	3
109	The Effect of Substrate on Vibrational Properties of Single-Layer MoS_2. *Acta Physica Polonica A*, **2016**, 130, 1172-1175	0.6	3
108	Strong Photoluminescence Fluctuations in Laser-Thinned Few-Layer WS_{2}. *Acta Physica Polonica A* , **2016**, 130, 1176-1178	0.6	3

107	Local field effects in ultrafast light□matter interaction measured by pump-probe spectroscopy of monolayer MoSe2. *Nanophotonics*, **2021**, 10, 2717-2728	6.3	3
106	Quadexciton cascade and fine-structure splitting of the triexciton in a single quantum dot. *Europhysics Letters*, **2016**, 113, 17004	1.6	3
105	The excited spin-triplet state of a charged exciton in quantum dots. *Journal of Physics Condensed Matter*, **2016**, 28, 365301	1.8	3
104	The effect of metallic substrates on the optical properties of monolayer MoSe. *Scientific Reports*, **2020**, 10, 4981	4.9	2
103	SU(4) symmetry breaking revealed by magneto-optical spectroscopy in epitaxial graphene. *Physical Review B*, **2015**, 91,	3.3	2
102	Reversal of Zeeman Splitting in InGaAs/InP Quantum Wires in High Magnetic Field. *Japanese Journal of Applied Physics*, **1997**, 36, 1933-1936	1.4	2
101	A spin-polarized bi-exciton in a semiconductor quantum dot. *Journal of Physics Condensed Matter*, **2008**, 20, 454213	1.8	2
100	ANDERSON-FANO TRANSITIONS IN PHOTOLUMINESCENCE OF A TWO DIMENSIONAL ELECTRON GAS. *International Journal of Modern Physics B*, **2007**, 21, 1429-1434	1.1	2
99	Infrared Magnetospectroscopy of Two-dimensional Electrons in Epitaxial Graphene. *AIP Conference Proceedings*, **2007**,	0	2
98	Quantum oscillations of the luminescence from a modulation-doped GaAs□nGaAs□aAlAs quantum well. *Applied Physics Letters*, **2006**, 88, 051909	3.4	2
97	MAGNETO-LUMINESCENCE OF A SINGLE LATERAL ISLAND FORMED IN A TYPE - II GaAs/AlAs QW. *International Journal of Modern Physics B*, **2004**, 18, 3807-3812	1.1	2
96	ABSORPTION AND REFLECTION EXPERIMENTS ON HIGH-MOBILITY 2DEGs IN THE REGIME OF MICROWAVE-INDUCED RESISTANCE OSCILLATIONS. *International Journal of Modern Physics B*, **2004**, 18, 3481-3488	1.1	2
95	Hole subbands and Landau levels in p-type single AlxGa1□As/GaAs heterostructures. *Physica B: Condensed Matter*, **2004**, 346-347, 451-454	2.8	2
94	Photoluminescence excitation spectroscopy of InAs/GaAs quantum dots in high magnetic field. *Physica E: Low-Dimensional Systems and Nanostructures*, **2004**, 22, 603-606	3	2
93	Effective spin diffusion across hugely lattice mismatched heterointerfaces. *Physica E: Low-Dimensional Systems and Nanostructures*, **2002**, 13, 547-551	3	2
92	Magnetic Order in GaMnAs Layers. *Journal of Superconductivity and Novel Magnetism*, **2003**, 16, 51-53		2
91	A phase diagram for the breakdown of the odd integer quantum Hall effect. *Physica E: Low-Dimensional Systems and Nanostructures*, **2000**, 6, 124-127	3	2
90	Time-resolved luminescence of semiconductor heterostructures in high magnetic fields. *Physica B: Condensed Matter*, **1995**, 204, 332-338	2.8	2

89	Fluorescence line narrowing in Mn4+ doped gadolinium gallium garnet1. *Radiation Effects and Defects in Solids*, **1995**, 135, 11-14	0.9	2
88	Magneto-optical properties of self-organized strained InGaAs quantum disks. *Solid-State Electronics* , **1996**, 40, 379-382	1.7	2
87	Skyrmion Excitations in a Two-Dimensional Electron Gas under Hydrostatic Pressure. *Physica Status Solidi (B): Basic Research*, **1996**, 198, 259-266	1.3	2
86	Exciton kinetics in modulation doped quantum wells in quantizing magnetic fields. *Superlattices and Microstructures*, **1994**, 15, 409-412	2.8	2
85	Strong blue shift of the luminescence of indirect AlAs/GaAlAs quantum wells with excitation intensity. *Surface Science*, **1990**, 228, 57-61	1.8	2
84	Carriers Diffusion in GaAs/AlAs Type II Quantum Well. *Acta Physica Polonica A*, **2005**, 108, 755-760	0.6	2
83	Magneto-Luminescence Study of Silicon-Vacancy in 6H□Si. *Acta Physica Polonica A*, **2006**, 110, 437-442	0.6	2
82	Time-Resolved Studies of Gallium Nitride Doped with Gadolinium. *Acta Physica Polonica A*, **2008**, 114, 1425-1430	0.6	2
81	Raman Spectroscopy of Shear Modes in a Few-Layer MoS2. *Acta Physica Polonica A*, **2016**, 129, A-132-A-134	0.6	2
80	Multiple Donors in Zinc Oxide Substrates. *Materials Research Society Symposia Proceedings*, **2002**, 719, 241		2
79	Raman scattering from the bulk inactive out-of-plane [Formula: see text] mode in few-layer MoTe. *Scientific Reports*, **2018**, 8, 17745	4.9	2
78	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	1.2	2
77	Anomalous Raman Scattering In Few Monolayer MoTe2. *MRS Advances*, **2017**, 2, 1539-1544	0.7	1
76	Magnetoabsorption in HgCdTe/CdHgTe Quantum Wells in Tilted Magnetic Fields. *JETP Letters*, **2019**, 109, 191-197	1.2	1
75	Magnetic Field Effect on the Excitation Spectrum of a Neutral Exciton in a Single Quantum Dot. *Acta Physica Polonica A*, **2014**, 126, 1066-1068	0.6	1
74	Properties of Excitons in Quantum Dots with a Weak Confinement. *Acta Physica Polonica A*, **2013**, 124, 781-784	0.6	1
73	1.4 eV - LUMINESCENCE BAND IN 6H-SIC: SYMMETRY OF THE ASSOCIATED DEFECT. *International Journal of Modern Physics B*, **2009**, 23, 3019-3023	1.1	1
72	EFFECTS OF IONIZED IMPURITIES ON BINDING AND RECOMBINATION OF POSITIVE AND NEGATIVE QUASI-TWO-DIMENSIONAL MAGNETO-TRIONS. *International Journal of Modern Physics B*, **2009**, 23, 2964-2968	1.1	1

71	Resonant Rayleigh scattering in ordered and disordered semiconductor superlattices. *Physical Review B*, **2007**, 76,	3.3	1
70	Optical readout of charge and spin in a self-assembled quantum dot in a strong magnetic field. *Europhysics Letters*, **2007**, 79, 47005	1.6	1
69	Evidence for excitonic polarons in InAs/GaAs quantum dots. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2006**, 3, 3881-3884		1
68	Intrinsic magneto-photoluminescence of a two dimensional electron gas with high concentration and mobility in a symmetric quantum well. *Physica E: Low-Dimensional Systems and Nanostructures*, **2002**, 12, 520-523	3	1
67	Trions as a probe of spin injection through II-VI magnetic/non-magnetic heterointerface. *Thin Solid Films*, **2002**, 412, 30-33	2.2	1
66	Modulation of the Yb3+ to Er3+ energy transfer in LiNbO3 crystals by applying magnetic field. *Journal of Alloys and Compounds*, **2001**, 323-324, 344-347	5.7	1
65	Cyclotron resonance of low concentration 2D electron gases in GaAs/AlGaAs heterostructures. *Physica B: Condensed Matter*, **1995**, 211, 470-473	2.8	1
64	Many-body effects in 2D semiconductors studied magnetooptically. *Physica Scripta*, **1992**, T45, 158-163	2.6	1
63	Destructive Photon Echo Formation in Six-Wave Mixing Signals of a MoSe Monolayer. *Advanced Science*, **2021**, e2103813	13.6	1
62	Magnetic Levels in Fibonacci Superlattices and Temperature Dependence of Spin Relaxation in Quantum Wells at High Magnetic Fields. *Springer Series in Solid-state Sciences*, **1992**, 549-561	0.4	1
61	Band-Gap Renormalization in Quantum Wells Studied with High Excitation Luminescence in High Magnetic Fields. *Springer Series in Solid-state Sciences*, **1990**, 285-294	0.4	1
60	Evidence for nesting-driven charge density wave instabilities in the quasi-two-dimensional material LaAgSb2. *Physical Review Research*, **2021**, 3,	3.9	1
59	Energy spectrum of confined positively charged excitons in single quantum dots. *Physical Review B*, **2016**, 94,	3.3	1
58	The optical response of artificially twisted MoS[Formula: see text] bilayers. *Scientific Reports*, **2021**, 11, 17037	4.9	1
57	Properties of a Dense Quasi Two Dimensional Electron-Hole GAS at High Magnetic Fields. *NATO ASI Series Series B: Physics*, **1989**, 425-437		1
56	MAGNETO-LUMINESCENCE OF GADOLINIUM DOPED GALLIUM NITRIDE. *International Journal of Modern Physics B*, **2009**, 23, 2994-2998	1.1	0
55	Dimensionality effects on strain for lattice-mismatched quantum wires: The relationship between strain and 2D quantum confinement. *Solid-State Electronics*, **1996**, 40, 579-582	1.7	0
54	Valley pseudospin relaxation of charged excitons in monolayer MoTe. *Journal of Physics Condensed Matter*, **2021**, 33, 025701	1.8	0

53	Effects of the Electron-Electron Interaction in the Magneto-Absorption Spectra of HgTe/CdHgTe Quantum Wells with an Inverted Band Structure. *JETP Letters*, **2020**, 112, 508-512	1.2	0
52	Emission Excitation Spectroscopy in WS2 Monolayer Encapsulated in Hexagonal BN. *Acta Physica Polonica A*, **2019**, 136, 624-627	0.6	0
51	Temperature dependence of photoluminescence lifetime of atomically-thin WSe layer. *Nanotechnology*, **2020**, 31, 135002	3.4	0
50	Towards practical applications of quantum emitters in boron nitride. *Scientific Reports*, **2021**, 11, 15506	4.9	0
49	Magnetooptics of HgTe/CdTe Quantum Wells with Giant Rashba Splitting in Magnetic Fields up to 34 T. *Semiconductors*, **2018**, 52, 1386-1391	0.7	0
48	Spatially resolved optical spectroscopy in extreme environment of low temperature, high magnetic fields and high pressure.. *Review of Scientific Instruments*, **2021**, 92, 123909	1.7	0
47	The saturation of interband Faraday rotation in Bi 2 Se 3. *Europhysics Letters*, **2017**, 117, 47006	1.6	
46	Resonant Raman Scattering in MoS2. *Materials Research Society Symposia Proceedings*, **2015**, 1726, 7		
45	Many-Body Effects in Suspended Graphene Probed through Magneto-Phonon Resonances. *Physica Status Solidi - Rapid Research Letters*, **2020**, 14, 2000345	2.5	
44	Magnetooptical Studies and Stimulated Emission in Narrow Gap HgTe/CdHgTe Structures in the Very Long Wavelength Infrared Range. *Semiconductors*, **2018**, 52, 436-441	0.7	
43	Optical Magneto-Spectroscopy of Graphene-Based Systems. *Nanoscience and Technology*, **2014**, 113-140	0.6	
42	Charge conversion of nearly free and impurity bound magneto-trions immersed in 2D electron or hole gas with optically tunable concentration. *Journal of Physics: Conference Series*, **2013**, 456, 012017	0.3	
41	Renormalization of effective mass in self-assembled quantum dots due to electron-electron interactions. *Journal of Physics: Conference Series*, **2013**, 456, 012002	0.3	
40	Strong temperature destabilization of free exciton recombination in a two-dimensional structures with hole gas. *Journal of Physics: Conference Series*, **2011**, 334, 012050	0.3	
39	LANDAU LEVEL SPECTROSCOPY OF DIRAC-LIKE FERMIONS IN MULTILAYER GRAPHENE. *International Journal of Modern Physics B*, **2009**, 23, 2665-2666	1.1	
38	PHOTOLUMINESCENCE STUDIES OF POSITIVELY CHARGED EXCITONS IN ASYMMETRIC GaAs/Ga1-xAlxAs QUANTUM WELLS WITH A TWO-DIMENSIONAL HOLE GAS. *International Journal of Modern Physics B*, **2009**, 23, 2718-2722	1.1	
37	Epitaxial Graphene: Designing a New Electronics Material. *ECS Transactions*, **2009**, 19, 95-105	1	
36	Recombination dynamics of exciton and exciton complexes in single quantum dots. *Journal of Physics: Conference Series*, **2010**, 210, 012014	0.3	

35	Polarization anisotropy and Zeeman splitting in strained quantum wires: Dimensional crossover effect on strain. *Physica B: Condensed Matter*, **1998**, 249-251, 171-174	2.8
34	Emission from a two-dimensional electron gas in quantizing magnetic fields. *Physica B: Condensed Matter*, **1998**, 249-251, 566-570	2.8
33	Optical emission and Rayleigh scattering in semiconductor superlattices in magnetic fields. *Physica E: Low-Dimensional Systems and Nanostructures*, **2008**, 40, 1374-1376	3
32	Energy and recombination spectra of free and impurity-bound positive trions in high magnetic fields. *Physica E: Low-Dimensional Systems and Nanostructures*, **2008**, 40, 1386-1388	3
31	MAGNETOPOLARON EFFECT ON SILICON AND OXYGEN DONORS IN GAN. *International Journal of Modern Physics B*, **2007**, 21, 1486-1490	1.1
30	SPECTROSCOPIC STUDIES OF SEMICONDUCTOR STRUCTURES IN MAGNETIC FIELDS. *International Journal of Modern Physics B*, **2007**, 21, 1358-1361	1.1
29	PHOTOLUMINESCENCE OF IMPURITY-BOUND EXCITONS AND TRIONS IN MAGNETIC FIELDS. *International Journal of Modern Physics B*, **2007**, 21, 1558-1562	1.1
28	ELECTRONIC SPINS AND LOCALIZED MAGNETIC MOMENTS IN DILUTE MAGNETIC SEMICONDUCTOR QUANTUM WELLS. *International Journal of Modern Physics B*, **2004**, 18, 3727-3734	1.1
27	Magnetic-field-induced excitons in photoluminescence from heavily doped p-type Ga1−xAlxAs/GaAs single heterojunction. *Physica B: Condensed Matter*, **2004**, 346-347, 442-445	2.8
26	Enhanced exciton–LO phonon coupling in doped quantum dots. *Physica E: Low-Dimensional Systems and Nanostructures*, **2004**, 21, 400-404	3
25	Optical detection of 2DEG in GaN/AlGaN structures—High magnetic field studies. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2004**, 1, 193-197	
24	Electron–hole complexes in self-assembled quantum dots in strong magnetic fields. *Physica E: Low-Dimensional Systems and Nanostructures*, **2004**, 21, 211-214	3
23	Magneto infrared absorption and polaron coupling in high electron density GaAs quantum well. *Physica E: Low-Dimensional Systems and Nanostructures*, **2002**, 12, 581-584	3
22	Two-dimensional electron gas coupled to Mn2+ ions: a magneto-optical study of CdMnTe/CdMgTe MDQWs. *Physica E: Low-Dimensional Systems and Nanostructures*, **2000**, 6, 775-778	3
21	Strain and quantum confinement energies in n-type modulation-doped lattice-mismatched InAsP quantum-well wires. *Journal of Applied Physics*, **1996**, 79, 8456-8464	2.5
20	Magneto-optics of dense electron plasmas in modulation-doped GaInAs/AlInAs single quantum wells. *Solid-State Electronics*, **1994**, 37, 919-922	1.7
19	High magnetic field effects on the dynamics of excitons in a GaAs quantum well. *Solid-State Electronics*, **1994**, 37, 923-928	1.7
18	High Density Two-Dimensional Electron-Hole Plasmas in Quantising Magnetic Fields **2000**, 159-168	

17	Landau Level Mixing in Asymmetric Quantum Wells **2000**, 183-186	
16	Magneto-optical transitions involving a 2DEG confined in Cd(Mn)Te/CdMgTe quantum wells. *Springer Proceedings in Physics*, **2001**, 723-724	0.2
15	Breakdown of the Quantum Hall Effect. *Acta Physica Polonica A*, **2001**, 100, 213-226	0.6
14	Infrared Spectroscopy of GaAs Doped with Mn. *Acta Physica Polonica A*, **2005**, 108, 845-849	0.6
13	Skyrmions in a Hole Gas with Large Spin Gap and Strong Disorder. *Acta Physica Polonica A*, **2006**, 110, 163-168	0.6
12	Electron-Electron Interaction Effects in Quantum Hall Regime of GaN/AlGaN Heterostructures. *Acta Physica Polonica A*, **2007**, 112, 269-273	0.6
11	Experimental and Theoretical Studies of Free and Acceptor-Bound Positive Magneto-Trions. *Acta Physica Polonica A*, **2007**, 112, 415-418	0.6
10	Magnetoluminescence Studies of GaN:Fe. *Acta Physica Polonica A*, **2007**, 112, 177-182	0.6
9	Excitons in Low Dimensional Semiconductors. *NATO ASI Series Series B: Physics*, **1990**, 317-323	
8	Spin Memory of Photocreated Carriers in Quantum Wells in High Magnetic Fields. *NATO ASI Series Series B: Physics*, **1991**, 85-96	
7	Band Mixing Effects in Quantum Well Magnetoexcitons. *Acta Physica Polonica A*, **1997**, 92, 1067-1071	0.6
6	Signatures of quantum chaos in the magneto-excitonic spectrum of quantum wells. *Uspekhi Fizicheskikh Nauk*, **1998**, 168, 163	0.5
5	Time Resolved Magnetophotoluminescence of Biased GaAs/AlGaAs Double Quantum Well Structure. *Acta Physica Polonica A*, **2008**, 114, 1369-1374	0.6
4	Evidence of Singlet-Triplet Crossing in Photoluminescence of Positively Charged Excitons in GaAs Quantum Wells. *Acta Physica Polonica A*, **2008**, 114, 1073-1077	0.6
3	Combined Exciton-Cyclotron Resonance in Photoluminescence of a Two-Dimensional Hole Gas. *Acta Physica Polonica A*, **2009**, 116, 852-853	0.6
2	Exciton Exchange between Nearly-Free and Acceptor-Bound States of a Positive Trion Assisted by Cyclotron Excitation. *Acta Physica Polonica A*, **2011**, 119, 600-601	0.6
1	Optical Aharonov-Bohm Oscillations with Disorder Effects and Wigner Molecule in a Single GaAs/AlGaAs Quantum Ring. *Nanoscience and Technology*, **2018**, 231-254	0.6