

Arkadiusz Wã³js

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Parton wave function for the fractional quantum Hall effect at $\nu = 6$. Physical Review Research, 2021, 3, .	3.6	6
2	Interaction-driven transition between the Wigner crystal and the fractional Chern insulator in topological flat bands. Physical Review B, 2021, 104, .	3.2	1
3	Probing negatively charged and neutral excitons in MoS ₂ /hBN and hBN/MoS ₂ /hBN van der Waals heterostructures. Nanotechnology, 2021, 32, 145717.	2.6	17
4	Theoretical phase diagram of two-component composite fermions in double-layer graphene. Physical Review B, 2020, 101, .	3.2	7
5	Interplay between fractional quantum Hall liquid and crystal phases at low filling. Physical Review B, 2020, 102, .	3.2	12
6	Fractional quantum Hall effect at $\nu = 2$. Physical Review Research, 2020, 2, .	3.6	12
7	Mean-field approximations for short-range four-body interactions at $\nu = 2$. Physical Review B, 2019, 99, .	3.2	2
8	Ground States of Quantum Hall Three-Body "Short-Range" Repulsion and Mean Field Approximation: Correlation Functions and Overlaps. Acta Physica Polonica A, 2019, 135, 82-84.	0.5	0
9	Entanglement entropy and entanglement spectrum of Bi ₂ Sb(11) bilayers. Journal of Physics Condensed Matter, 2018, 30, 125501.	1.8	2
10	Interband excitations in the 1D limit of two-band fractional Chern insulators. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 1419-1426.	2.1	1
11	Wigner crystallization in topological flat bands. New Journal of Physics, 2018, 20, 063023.	2.9	21
12	Topological phases in Bi/Sb planar and buckled honeycomb monolayers. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 2952-2958.	2.1	9
13	Emergence of Jack ground states from two-body pseudopotentials in fractional quantum Hall systems. Physical Review B, 2018, 97, .	3.2	12
14	Fermionic Moore-Read Fractional Chern Insulator in the Thin-Torus Limit. Acta Physica Polonica A, 2018, 134, 919-923.	0.5	0
15	Crystallization in Topological Flat Bands in Thin Torus Limit. Acta Physica Polonica A, 2018, 134, 934-936.	0.5	0
16	The enigma of the $\nu = 2$ fractional quantum Hall effect. Physical Review B, 2017, 95, .	3.2	18
17	Probing of free and localized excitons and trions in atomically thin WSe ₂ , WS ₂ , MoSe ₂ and MoS ₂ in photoluminescence and reflectivity experiments. Nanotechnology, 2017, 28, 395702.	2.6	87
18	Commutators of Jastrow Factors and Angular Momentum Operators. Acta Physica Polonica A, 2017, 132, 405-407.	0.5	1

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19	Analysis of Optical Properties of MoS ₂ Monolayer using Minimal-Basis Tight-Binding Models. Acta Physica Polonica A, 2017, 132, 313-315.	0.5	0
20	Energy spectrum of confined positively charged excitons in single quantum dots. Physical Review B, 2016, 94, .	3.2	2
21	Landau-Level Mixing and Particle-Hole Symmetry Breaking for Spin Transitions in the Fractional Quantum Hall Effect. Physical Review Letters, 2016, 117, 116803.	7.8	25
22	Thermal dissociation of free and acceptor-bound positive trions from magnetophotoluminescence studies of high quality GaAs/AlxGa1-xAs quantum wells. Physical Review B, 2016, 93, .	3.2	1
23	Jack 3/5 State from Two-Body Interaction. Acta Physica Polonica A, 2016, 129, A-73-A-74.	0.5	6
24	Quantum Hall State $\hat{\nu} = 1/3$ and Antilexicographic Order of Partitions. Acta Physica Polonica A, 2016, 130, 1183-1186.	0.5	2
25	Jack Polynomials and Fractional Quantum Hall Effect at $\hat{\nu} = 1/3$. Acta Physica Polonica A, 2016, 130, 607-608.	0.5	2
26	Analysis of the Quantum Spin Hall and Quantum Anomalous Hall Effects in a Two-Dimensional Decorated Lattice Using Entanglement Spectrum. Acta Physica Polonica A, 2016, 129, A-87-A-89.	0.5	0
27	Phase diagram of fractional quantum Hall effect of composite fermions in multicomponent systems. Physical Review B, 2015, 91, .	3.2	34
28	Fractional quantum Hall effect in graphene: Quantitative comparison between theory and experiment. Physical Review B, 2015, 92, .	3.2	53
29	Spontaneous polarization of composite fermions in the $\nu = 3/2$ level of graphene. Physical Review B, 2015, 92, .	3.2	32
30	Fractionally charged skyrmions in fractional quantum Hall effect. Nature Communications, 2015, 6, 8981.	12.8	10
31	Mathematical Structure of Bosonic and Fermionic Jack States and Their Application in Fractional Quantum Hall Effect. Acta Physica Polonica A, 2014, 126, 1134-1136.	0.5	5
32	Spin polarization of composite fermions and particle-hole symmetry breaking. Physical Review B, 2014, 90, .	3.2	31
33	High magnetic field studies of charged exciton localization in GaAs/AlxGa1-xAs quantum wells. Applied Physics Letters, 2014, 105, 112104.	3.3	3
34	Enigmatic $\nu = 4/11$ State: A Prototype for Unconventional Fractional Quantum Hall Effect. Physical Review Letters, 2014, 112, 016801.	7.8	42
35	Disorder induced loss of magnetization in Lieb's graphene quantum dots. Superlattices and Microstructures, 2013, 64, 44-51.	3.1	15
36	Coexistence of nearly free and strongly bound trions from magneto-photoluminescence of two-dimensional quantum structures with tunable electron or hole concentration. , 2013, , .		0

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37	Time Resolved Photoluminescence Study of the Wide (Cd,Mn)Te/(Cd,Mg)Te Quantum Well. Acta Physica Polonica A, 2013, 124, 895-897.	0.5	0
38	State counting for excited bands of the fractional quantum Hall effect: Exclusion rules for bound excitons. Physical Review B, 2013, 88, .	3.2	31
39	Tripartite composite fermion states. Physical Review B, 2013, 87, .	3.2	18
40	Role of Exciton Screening in the $7/3$ Fractional Quantum Hall Effect. Physical Review Letters, 2013, 110, 186801.	7.8	46
41	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.	0.4	0
42	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, .	3.2	11
43	Possible Anti-Pfaffian Pairing of Composite Fermions at $\nu=3/8$. Physical Review Letters, 2012, 109, 256801.	7.8	28
44	Electronic properties of gated triangular graphene quantum dots: Magnetism, correlations, and geometrical effects. Physical Review B, 2012, 85, .	3.2	97
45	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, .	3.2	7
46	Skyrmions in a Half-Filled Second Landau Level. AIP Conference Proceedings, 2011, , .	0.4	0
47	Cyclotron-Assisted Resonant Exciton Exchange Between Nearly-Free and Acceptor-Bound States of a Positive Trion. , 2011, , .		0
48	Search for non-Abelian statistics in half-filled Landau levels of graphene. Journal of Physics: Conference Series, 2011, 334, 012048.	0.4	2
49	Strong temperature destabilization of free exciton recombination in a two-dimensional structures with hole gas. Journal of Physics: Conference Series, 2011, 334, 012050.	0.4	0
50	Bipartite Composite Fermion States. Physical Review Letters, 2011, 107, 086806.	7.8	36
51	Unpaired Composite Fermion, Topological Exciton, and Zero Mode. Physical Review Letters, 2011, 107, 136802.	7.8	31
52	Neutral Fermion Excitations in the Moore-Read State at Filling Factor $\nu=5/2$. Physical Review Letters, 2011, 107, 036803.	7.8	40
53	Composite Fermion Dynamics in Half-Filled Landau Levels of Graphene. Acta Physica Polonica A, 2011, 119, 592-594.	0.5	11
54	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.	0.5	0

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55	Composite Fermion Description of the Excitations of the Paired Pfaffian Fractional Quantum Hall State. Acta Physica Polonica A, 2011, 120, 830-838.	0.5	0
56	The observation of exciton-cyclotron resonance in photoluminescence spectra of a two dimensional hole gas. Journal of Physics: Conference Series, 2010, 210, 012043.	0.4	1
57	Search for electron liquids with non-Abelian quasiparticles. Journal of Physics: Conference Series, 2010, 213, 012022.	0.4	0
58	Signature of Singlet-Triplet Crossing in PL in GaAs QWâ€™s. , 2010, , .		0
59	Composite fermion picture for the second generation of fractional quantum Hall liquids. , 2010, , .		0
60	Landau-Level Mixing and the Emergence of Pfaffian Excitations for the $\nu = 5/2$ Fractional Quantum Hall Effect. Physical Review Letters, 2010, 105, 096802.	7.8	95
61	Global Phase Diagram of the Fractional Quantum Hall Effect Arising from Repulsive Three-Body Interactions. Physical Review Letters, 2010, 105, 196801.	7.8	15
62	Skymions in the Moore-Read State at $\nu = 5/2$. Physical Review Letters, 2010, 104, 086801.	7.8	24
63	Charge-spin excitations of the Ising-type fractional quantum Hall ferromagnets. Physical Review B, 2009, 80, .	3.2	3
64	Numerical evidence for non-Abelian quantum liquids in the lowest Landau level. Physical Review B, 2009, 79, .	3.2	4
65	Transition from Abelian to non-Abelian quantum liquids in the second Landau level. Physical Review B, 2009, 80, .	3.2	39
66	PHOTOLUMINESCENCE STUDIES OF POSITIVELY CHARGED EXCITONS IN ASYMMETRIC GaAs/Ga _{1-x} Al _x As QUANTUM WELLS WITH A TWO-DIMENSIONAL HOLE GAS. International Journal of Modern Physics B, 2009, 23, 2718-2722.	2.0	0
67	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.	2.0	1
68	Optical spectra of charged anisotropic quantum boxes. Microelectronics Journal, 2009, 40, 489-491.	2.0	0
69	The hierarchy of incompressible fractional quantum Hall states. Physics Reports, 2009, 481, 29-81.	25.6	19
70	Spin Transition in a Correlated Liquid of Composite Fermions. Acta Physica Polonica A, 2009, 115, 153-155.	0.5	0
71	Fractional Quantum Hall States with Non-Abelian Statistics. Acta Physica Polonica A, 2009, 116, 847-848.	0.5	0
72	Combined Exciton-Cyclotron Resonance in Photoluminescence of a Two-Dimensional Hole Gas. Acta Physica Polonica A, 2009, 116, 852-853.	0.5	0

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73	On the microscopic origin of fractional quantum Hall states with partially filled quasiparticle shells. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 1111-1114.	2.7	0
74	Energy and recombination spectra of free and impurity-bound positive trions in high magnetic fields. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 1386-1388.	2.7	0
75	Incompressible composite fermion liquids. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008, 40, 967-972.	2.7	1
76	Second generation of incompressible quantum liquids in the fractional quantum Hall effect. <i>Journal of Physics: Conference Series</i> , 2008, 104, 012017.	0.4	0
77	Comparative Numerical Analysis of Quasi-Two-Dimensional Negative and Positive Trions in High Magnetic Fields. <i>Acta Physica Polonica A</i> , 2008, 114, 1411-1416.	0.5	3
78	Evidence of Singlet-Triplet Crossing in Photoluminescence of Positively Charged Excitons in GaAs Quantum Wells. <i>Acta Physica Polonica A</i> , 2008, 114, 1073-1077.	0.5	0
79	QUASIEXCITONS IN PHOTOLUMINESCENCE OF INCOMPRESSIBLE QUANTUM LIQUIDS. <i>International Journal of Modern Physics B</i> , 2007, 21, 2145-2156.	2.0	0
80	ANDERSON-FANO TRANSITIONS IN PHOTOLUMINESCENCE OF A TWO DIMENSIONAL ELECTRON GAS. <i>International Journal of Modern Physics B</i> , 2007, 21, 1429-1434.	2.0	2
81	Numerical studies of free exciton and trion wave functions in high magnetic fields. <i>Physical Review B</i> , 2007, 76, .	3.2	12
82	Integral and fractional quantum Hall Ising ferromagnets. <i>Physical Review B</i> , 2007, 75, .	3.2	11
83	Exact-diagonalization studies of trion energy spectra in high magnetic fields. <i>Physical Review B</i> , 2007, 75, .	3.2	16
84	Magneto-optical probing of weak disorder in a two-dimensional hole gas. <i>Physical Review B</i> , 2007, 75, .	3.2	25
85	Spin phase diagram of the $\nu = 4$ composite fermion liquid. <i>Physical Review B</i> , 2007, 75, .	3.2	20
86	PHOTOLUMINESCENCE OF IMPURITY-BOUND EXCITONS AND TRIONS IN MAGNETIC FIELDS. <i>International Journal of Modern Physics B</i> , 2007, 21, 1558-1562.	2.0	0
87	Energy and Optical Absorption Spectra of Multiply Charged Anisotropic Quantum Boxes. <i>Acta Physica Polonica A</i> , 2007, 112, 173-176.	0.5	1
88	Quantum Hall skyrmions in a hole gas with large spin gap and strong disorder. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
89	Pairs and triplets of composite fermions in partially filled shells. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
90	Effect of Disorder on Spin and Charge Excitations in the Fractional Quantum Hall Effect. <i>Acta Physica Polonica A</i> , 2007, 112, 249-254.	0.5	0

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91	Experimental and Theoretical Studies of Free and Acceptor-Bound Positive Magneto-Trions. Acta Physica Polonica A, 2007, 112, 415-418.	0.5	0
92	Spin Phase Transition in a Correlated Composite Fermion Liquid. Acta Physica Polonica A, 2007, 112, 153-156.	0.5	1
93	QUASIEXCITONS IN PHOTOLUMINESCENCE OF INCOMPRESSIBLE QUANTUM LIQUIDS. , 2007, , .		0
94	Second generation of Moore-Read quasiholes in a composite-fermion liquid. Physical Review B, 2006, 74, .	3.2	18
95	Effect of free carriers and impurities on the density of states and optical spectra of two-dimensional magnetoexcitons. Physical Review B, 2006, 74, .	3.2	7
96	Pair-Distribution Functions of Composite Fermion Liquids. AIP Conference Proceedings, 2006, , .	0.4	0
97	Energy Spectra of Isolated Trions in Asymmetric Quantum Wells. AIP Conference Proceedings, 2006, , .	0.4	0
98	Fractional quasiexcitons in incompressible electron liquids. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 34, 280-283.	2.7	0
99	Quasiexcitons in incompressible quantum liquids. Physical Review B, 2006, 73, .	3.2	17
100	Landau level mixing in the $\nu=5/2$ fractional quantum Hall state. Physical Review B, 2006, 74, .	3.2	35
101	Transport gap in a $\nu=1/3$ quantum Hall system: A probe for skyrmions. Physical Review B, 2006, 74, .	3.2	16
102	Quantum Hall skyrmions in a hole gas with a large spin gap. Physical Review B, 2006, 73, .	3.2	5
103	Ising Ferromagnetism of Composite Fermions. Acta Physica Polonica A, 2006, 110, 409-415.	0.5	3
104	Shake-Up Processes in Photoluminescence of Two-Dimensional Holes in a High Magnetic Field. Acta Physica Polonica A, 2006, 110, 429-435.	0.5	3
105	Skyrmions in a Hole Gas with Large Spin Gap and Strong Disorder. Acta Physica Polonica A, 2006, 110, 163-168.	0.5	1
106	Calculation of Exciton and Trion Absorption Spectra in High Magnetic Fields. Acta Physica Polonica A, 2006, 110, 183-188.	0.5	0
107	Quantized Absorption Strength of Multi-Exciton Quantum Dots. Acta Physica Polonica A, 2006, 110, 423-428.	0.5	0
108	Condensation of Nonabelian Moore-Read Quasiholes in Correlated Composite Fermion Liquids. Acta Physica Polonica A, 2006, 110, 417-422.	0.5	0

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109	Moore-Read states on a sphere: Three-body correlations and finite-size effects. AIP Conference Proceedings, 2005, , .	0.4	0
110	Interaction of spin excitations in quantum Hall systems. AIP Conference Proceedings, 2005, , .	0.4	0
111	Pair-distribution functions of correlated composite fermions. Physical Review B, 2005, 71, .	3.2	14
112	Three-body correlations and finite-size effects in Moore-Read states on a sphere. Physical Review B, 2005, 71, .	3.2	15
113	Interaction and dynamical binding of spin waves or excitons in quantum Hall systems. Canadian Journal of Physics, 2005, 83, 1019-1028.	1.1	5
114	Trion Binding Energies and Wave Functions in Doped Quantum Wells. Acta Physica Polonica A, 2005, 108, 669-674.	0.5	3
115	Pair-Distribution Functions of Laughlin Quasielectrons in Partially Filled Composite Fermion Levels. Acta Physica Polonica A, 2005, 108, 909-914.	0.5	2
116	Fractional Quasixcitons in Photoluminescence of Quantum Hall Liquids. Acta Physica Polonica A, 2005, 108, 923-928.	0.5	0
117	Fractional quantum Hall states of clustered composite fermions. Physical Review B, 2004, 69, .	3.2	66
118	RECOMBINATION OF FRACTIONALLY CHARGED EXCITONS IN QUANTUM HALL SYSTEMS. International Journal of Modern Physics B, 2004, 18, 3585-3588.	2.0	0
119	QUASIPARTICLE INTERACTIONS IN FRACTIONAL QUANTUM HALL SYSTEMS. International Journal of Modern Physics B, 2004, 18, 3545-3548.	2.0	0
120	Residual interactions and correlations among Laughlin quasiparticles: novel hierarchy states. Solid State Communications, 2004, 130, 165-169.	1.9	2
121	Photoluminescence of Charged Excitons in Fractional Quantum Hall Systems. Acta Physica Polonica A, 2004, 106, 355-366.	0.5	0
122	Novel families of fractional quantum Hall states: pairing of composite fermions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 318, 152-155.	2.1	14
123	Pairing and Condensation of Laughlin Quasiparticles in Fractional Quantum Hall Systems. Acta Physica Polonica A, 2003, 103, 517-523.	0.5	7
124	JUSTIFICATION FOR THE COMPOSITE FERMION PICTURE. , 2003, , .		0
125	Spin excitation spectra of integral and fractional quantum Hall systems. Physical Review B, 2002, 66, .	3.2	30
126	Spin instabilities and quantum phase transitions in integral and fractional quantum Hall states. Physical Review B, 2002, 65, .	3.2	12

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127	Nuclear spin relaxation in integral and fractional quantum Hall systems. <i>Physical Review B</i> , 2002, 66, .	3.2	2
128	HIGH MAGNETIC FIELD OPTICAL STUDIES OF CHARGED EXCITON IN CdTe 2D ELECTRON GASES. <i>International Journal of Modern Physics B</i> , 2002, 16, 2972-2972.	2.0	0
129	Reversed-spin quasiparticles in fractional quantum Hall systems and their effect on photoluminescence. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 12, 59-62.	2.7	2
130	Electron correlations in a partially filled first excited Landau level. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 12, 63-67.	2.7	11
131	Skyrmions in integral and fractional quantum Hall systems. <i>Solid State Communications</i> , 2002, 122, 407-411.	1.9	7
132	HIGH MAGNETIC FIELD OPTICAL STUDIES OF CHARGED EXCITON IN CdTe 2D ELECTRON GASES. , 2002, , .		0
133	Energy spectra and photoluminescence of fractional quantum Hall systems containing a valence-band hole. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2001, 81, 461-475.	0.6	2
134	Fractionally charged magneto-excitons. <i>Solid State Communications</i> , 2001, 118, 225-229.	1.9	4
135	The Fermion-Boson transformation in fractional quantum Hall systems. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001, 9, 701-708.	2.7	7
136	Transformation of statistics in fractional quantum Hall systems. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001, 11, 182-185.	2.7	2
137	Electron-hole systems in narrow quantum wells: excitonic complexes and photoluminescence. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2001, 11, 209-214.	2.7	2
138	Composite Fermions and Integer Partitions. <i>Journal of Combinatorial Theory - Series A</i> , 2001, 95, 390-397.	0.8	11
139	Photoluminescence of the Incompressible Laughlin Liquid: Excitons, Charged Excitons, and Fractionally Charged Excitons. <i>Physica Status Solidi (B): Basic Research</i> , 2001, 227, 404-417.	1.5	3
140	Interaction and particle-hole symmetry of Laughlin quasiparticles. <i>Physical Review B</i> , 2001, 63, .	3.2	3
141	Negatively charged excitons and photoluminescence in asymmetric quantum wells. <i>Physical Review B</i> , 2001, 63, .	3.2	19
142	Energy, interaction, and photoluminescence of spin-reversed quasielectrons in fractional quantum Hall systems. <i>Physical Review B</i> , 2001, 64, .	3.2	16
143	Electron correlations in partially filled lowest and excited Landau levels. <i>Physical Review B</i> , 2001, 63, .	3.2	39
144	Composite fermions and quantum Hall systems: Role of the Coulomb pseudopotential. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2000, 80, 1405-1454.	0.6	39

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145	Energy spectra and photoluminescence of charged magneto-excitons. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 8, 254-259.	2.7	14
146	Composite fermions and the fractional quantum Hall effect: essential role of the pseudopotential. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 6, 1-4.	2.7	33
147	Composite fermion picture for multi-component plasmas in 2D electron-hole systems in a strong magnetic field. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 6, 60-63.	2.7	0
148	Composite fermions in fractional quantum Hall systems. Journal of Physics Condensed Matter, 2000, 12, R265-R298.	1.8	24
149	Charged excitons in a dilute two-dimensional electron gas in a high magnetic field. Physical Review B, 2000, 62, 4630-4637.	3.2	118
150	Photoluminescence from fractional quantum Hall systems: Role of separation between electron and hole layers. Physical Review B, 2000, 63, .	3.2	23
151	Quasiparticle interactions in fractional quantum Hall systems: Justification of different hierarchy schemes. Physical Review B, 2000, 61, 2846-2854.	3.2	71
152	Energy spectra of fractional quantum Hall systems in the presence of a valence hole. Physical Review B, 2000, 63, .	3.2	24
153	Two-dimensional electron-hole systems in a strong magnetic field: Composite fermion picture for multicomponent plasmas. Physical Review B, 1999, 60, R11273-R11276.	3.2	24
154	Excitonic ions and pseudopotentials in two-dimensional systems: Evidence for quantum Hall states of an $X\hat{a}$ gas. Physical Review B, 1999, 60, 11661-11665.	3.2	34
155	Hund's rule for monopole harmonics, or why the composite fermion picture works. Solid State Communications, 1999, 110, 45-49.	1.9	28
156	Composite Fermions and the Fractional Quantum Hall Effect. Acta Physica Polonica A, 1999, 96, 593-602.	0.5	12
157	Composite fermion approach to the quantum Hall hierarchy: when it works and why. Solid State Communications, 1998, 108, 493-497.	1.9	22
158	Theory of luminescence from highly excited self-assembled quantum dots. Physica E: Low-Dimensional Systems and Nanostructures, 1998, 2, 603-608.	2.7	14
159	Interacting electrons on a two-dimensional surface: planar vs. spherical geometries. Physica E: Low-Dimensional Systems and Nanostructures, 1998, 3, 181-189.	2.7	17
160	Incompressible states of negatively charged magneto-excitons. Physica B: Condensed Matter, 1998, 256-258, 490-493.	2.7	18
161	Collective excitations in a 2D electron system: Canted field geometry. Physica B: Condensed Matter, 1998, 256-258, 474-476.	2.7	0
162	Quantum Dots. , 1998, , .		691

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163	Theory of radiative recombination from the metastable excited states of quantum dots. Physical Review B, 1998, 57, 9069-9080.	3.2	11
164	Spectral functions of quantum dots in the integer and fractional quantum Hall regime. Physical Review B, 1997, 56, 13227-13234.	3.2	51
165	Interacting valence holes in p-type SiGe quantum disks in a magnetic field. Physical Review B, 1997, 55, 15694-15700.	3.2	35
166	Theory of photoluminescence from modulation-doped self-assembled quantum dots in a magnetic field. Physical Review B, 1997, 55, 13066-13071.	3.2	115
167	Spin-orbit interaction in the quantum dot. Physica B: Condensed Matter, 1997, 229, 279-293.	2.7	18
168	Exciton droplets in zero dimensional systems in a magnetic field. Solid State Communications, 1997, 101, 883-887.	1.9	59
169	State-filling and magneto-photoluminescence of excited states in InGaAs/GaAs self-assembled quantum dots. Superlattices and Microstructures, 1997, 21, 541-558.	3.1	22
170	Quantum Dots - Theory for Experiments. Acta Physica Polonica A, 1997, 92, 633-640.	0.5	0
171	Electronic structure and magneto-optics of self-assembled quantum dots. Physical Review B, 1996, 54, 5604-5608.	3.2	315
172	Optical spectroscopies of electronic excitations in quantum dots. Surface Science, 1996, 361-362, 774-777.	1.9	6
173	State filling and time-resolved photoluminescence of excited states in In _x Ga _{1-x} As/GaAs self-assembled quantum dots. Physical Review B, 1996, 54, 11548-11554.	3.2	220
174	Charging and infrared spectroscopy of self-assembled quantum dots in a magnetic field. Physical Review B, 1996, 53, 10841-10845.	3.2	130
175	Magneto-excitons in droplets of a chiral Luttinger liquid formed in quantum dots in a magnetic field. Solid State Communications, 1996, 98, 847-851.	1.9	7
176	Exciton-exciton interactions in highly excited quantum dots in a magnetic field. Solid State Communications, 1996, 100, 487-491.	1.9	56
177	Magnetoexcitons and correlated electrons in quantum dots in a magnetic field. Physical Review B, 1996, 54, 11397-11409.	3.2	40
178	Electronic structure and optical properties of self-assembled quantum dots. Semiconductor Science and Technology, 1996, 11, 1516-1520.	2.0	37
179	Many-Exciton Complexes in Self-Assembled Quantum Dots. Acta Physica Polonica A, 1996, 90, 1108-1112.	0.5	2
180	Negatively charged magnetoexcitons in quantum dots. Physical Review B, 1995, 51, 10880-10885.	3.2	153

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181	Solution of the cranked harmonic oscillator model at non-zero temperatures. Journal of Physics G: Nuclear and Particle Physics, 1995, 21, 1205-1216.	3.6	4