List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	CURVATURE-INDUCED BOUND STATES IN QUANTUM WAVEGUIDES IN TWO AND THREE DIMENSIONS. Reviews in Mathematical Physics, 1995, 07, 73-102.	0.7	326
2	Bound states in curved quantum waveguides. Journal of Mathematical Physics, 1989, 30, 2574-2580.	0.5	289
3	Schrödinger-Operators with Singular Interactions. Journal of Mathematical Analysis and Applications, 1994, 184, 112-139.	0.5	184
4	Open Quantum Systems and Feynman Integrals. , 1985, , .		156
5	Convergence of spectra of graph-like thin manifolds. Journal of Geometry and Physics, 2005, 54, 77-115.	0.7	136
6	Free quantum motion on a branching graph. Reports on Mathematical Physics, 1989, 28, 7-26.	0.4	135
7	Periodic Schrödinger operators with large gaps and Wannier-Stark ladders. Physical Review Letters, 1994, 72, 896-899.	2.9	113
8	Bound states and scattering in quantum waveguides coupled laterally through a boundary window. Journal of Mathematical Physics, 1996, 37, 4867-4887.	0.5	110
9	Quantum Waveguides. Theoretical and Mathematical Physics (United States), 2015, , .	0.0	103
10	Lattice Kronig-Penney Models. Physical Review Letters, 1995, 74, 3503-3506.	2.9	102
11	Contact interactions on graph superlattices. Journal of Physics A, 1996, 29, 87-102.	1.6	91
12	Geometrically induced spectrum in curved leaky wires. Journal of Physics A, 2001, 34, 1439-1450.	1.6	87
13	Potential Approximations to \hat{I}^{4} : An Inverse Klauder Phenomenon with Norm-Resolvent Convergence. Communications in Mathematical Physics, 2001, 224, 593-612.	1.0	87
14	On existence of a bound state in an L-shaped waveguide. European Physical Journal D, 1989, 39, 1181-1191.	0.4	85
15	Bound States in Curved Quantum Layers. Communications in Mathematical Physics, 2001, 223, 13-28.	1.0	83
16	Bound States in Weakly Deformed Strips and Layers. Annales Henri Poincare, 2001, 2, 553-572.	0.8	71
17	Dirac operators with a spherically symmetric δâ€shell interaction. Journal of Mathematical Physics, 1989, 30, 2875-2882.	0.5	69
18	Asymptotics of eigenvalues of the Schrödinger operator with a strong Β-interaction on a loop. Journal of Geometry and Physics, 2002, 41, 344-358.	0.7	69

#	Article	IF	CITATIONS
19	Geometric coupling thresholds in a two-dimensional strip. Journal of Mathematical Physics, 2002, 43, 6265-6278.	0.5	65
20	Bound States in a Locally Deformed Waveguide: The Critical Case. Letters in Mathematical Physics, 1997, 39, 59-68.	0.5	59
21	Topologically nontrivial quantum layers. Journal of Mathematical Physics, 2004, 45, 774-784.	0.5	59
22	Quantum motion on a halfâ€line connected to a plane. Journal of Mathematical Physics, 1987, 28, 386-391.	0.5	58
23	Weakly coupled states on branching graphs. Letters in Mathematical Physics, 1996, 38, 313-320.	0.5	55
24	Tunneling through a singular potential barrier. Journal of Mathematical Physics, 1985, 26, 2000-2008.	0.5	53
25	Approximation of a general singular vertex coupling in quantum graphs. Annals of Physics, 2010, 325, 548-578.	1.0	52
26	Band spectra of rectangular graph superlattices. Physical Review B, 1996, 53, 7275-7286.	1.1	49
27	Bound-state asymptotic estimates for window-coupled Dirichlet strips and layers. Journal of Physics A, 1997, 30, 7863-7878.	1.6	49
28	Stability of Driven Systems with Growing Gaps, Quantum Rings, and Wannier Ladders. Journal of Statistical Physics, 1998, 92, 1053-1070.	0.5	47
29	Schrödinger operators with δ- and δ′-interactions on Lipschitz surfaces and chromatic numbers of associated partitions. Reviews in Mathematical Physics, 2014, 26, 1450015.	0.7	47
30	The absence of the absolutely continuous spectrum for δ ′ Wannier–Stark ladders. Journal of Mathematical Physics, 1995, 36, 4561-4570.	0.5	46
31	Open quantum dots: resonances from perturbed symmetry and bound states in strong magnetic fields. Reports on Mathematical Physics, 2001, 47, 253-267.	0.4	44
32	Lower bounds to bound state energies in bent tubes. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 150, 183-186.	0.9	42
33	Point Interactions in a Strip. Annals of Physics, 1996, 252, 133-179.	1.0	42
34	Point interactions in two and three dimensions as models of small scatterers. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 222, 1-4.	0.9	42
35	Magnetoresonances on a lasso graph. Foundations of Physics, 1997, 27, 171-190.	0.6	42
36	Multiple bound states in scissor-shaped waveguides. Physical Review B, 2002, 66, .	1.1	42

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37	Trapping modes in a curved electromagnetic waveguide with perfectly conducting walls. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 144, 347-350.	0.9	40
38	A single-mode quantum transport in serial-structure geometric scatterers. Journal of Mathematical Physics, 2001, 42, 4050-4078.	0.5	40
39	Bound states due to a strong interaction supported by a curved surface. Journal of Physics A, 2003, 36, 443-457.	1.6	38
40	Nontrivial edge coupling from a Dirichlet network squeezing: the case of a bent waveguide. Journal of Physics A: Mathematical and Theoretical, 2007, 40, F511-F523.	0.7	38
41	On the spectral properties of Dirac operators with electrostatic δ-shell interactions. Journal Des Mathematiques Pures Et Appliquees, 2018, 111, 47-78.	0.8	38
42	Quantum interference on graphs controlled by an external electric field. Journal of Physics A, 1988, 21, 4009-4019.	1.6	37
43	Resonance statistics in a microwave cavity with a thin antenna. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 228, 146-150.	0.9	37
44	Leaky quantum graphs: approximations by point-interaction Hamiltonians. Journal of Physics A, 2003, 36, 10173-10193.	1.6	36
45	Inequalities for Means of Chords, with Application to Isoperimetric Problems. Letters in Mathematical Physics, 2006, 75, 225-233.	0.5	36
46	Large gaps in point-coupled periodic systems of manifolds. Journal of Physics A, 2003, 36, 4875-4890.	1.6	35
47	Exponential splitting of bound states in a waveguide with a pair of distant windows. Journal of Physics A, 2004, 37, 3411-3428.	1.6	35
48	APPROXIMATIONS OF SINGULAR VERTEX COUPLINGS IN QUANTUM GRAPHS. Reviews in Mathematical Physics, 2007, 19, 571-606.	0.7	35
49	Approximation of quantum graph vertex couplings by scaled SchrĶdinger operators on thin branched manifolds. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 415305.	0.7	35
50	A Model of Resonance Scattering on Curved Quantum Wires. Annalen Der Physik, 1990, 502, 123-138.	0.9	34
51	Semiconductor edges can bind electrons. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 150, 179-182.	0.9	34
52	Journal of Mathematical Physics, 1992, 33, 2207-2214.	0.5	34
53	Remark on the energy spectrum of a decaying system. Communications in Mathematical Physics, 1976, 50, 1-10.	1.0	33
54	Curvature-Induced Bound States for a \$ delta \$ Interaction Supported by a Curve in \$ mathbb{R}^3 \$. Annales Henri Poincare, 2002, 3, 967-981.	0.8	33

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55	An approximation to ÂÂ couplings on graphs. Journal of Physics A, 2004, 37, L329-L335.	1.6	33
56	A lower bound to the spectral threshold in curved tubes. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2004, 460, 3457-3467.	1.0	33
57	Optimal Eigenvalues for Some Laplacians and SchrĶdinger Operators Depending on Curvature. , 1999, , 47-58.		33
58	On Dirac operators in \$\$mathbb {R}^3\$\$ R 3 with electrostatic and Lorentz scalar \$\$delta \$\$ δ. Quantum Studies: Mathematics and Foundations, 2019, 6, 295-314.	0.4	32
59	On the number of particles that a curved quantum waveguide can bind. Journal of Mathematical Physics, 1999, 40, 4630-4638.	0.5	31
60	An isoperimetric problem for leaky loops and related mean-chord inequalities. Journal of Mathematical Physics, 2005, 46, 062105.	0.5	31
61	Convergence of resonances on thin branched quantum waveguides. Journal of Mathematical Physics, 2007, 48, 092104.	0.5	31
62	Note on the description of an unstable system. European Physical Journal D, 1973, 23, 594-600.	0.4	30
63	Quantum motion on two planes connected at one point. Letters in Mathematical Physics, 1986, 12, 193-198.	0.5	30
64	Resonances in curved quantum wires. Physics Letters, Section A: General, Atomic and Solid State Physics, 1989, 141, 213-216.	0.9	30
65	A General Approximation of Quantum Graph Vertex Couplings by Scaled SchrĶdinger Operators on Thin Branched Manifolds. Communications in Mathematical Physics, 2013, 322, 207-227.	1.0	30
66	Schrödinger operators with <i>δ</i> -interactions supported on conical surfaces. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 355202.	0.7	29
67	Quantum mechanics of layers with a finite number of point perturbations. Journal of Mathematical Physics, 2002, 43, 1152-1184.	0.5	28
68	On the location of spectral edges in mathbb {Z}-periodic media. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 474022.	0.7	28
69	Quantum-mechanical pseudo-hamiltonians. European Physical Journal D, 1979, 29, 1325-1341.	0.4	27
70	Enhanced binding revisited for a spinless particle in nonrelativistic QED. Journal of Mathematical Physics, 2004, 45, 4174-4185.	0.5	27
71	A "Hybrid Plane―with spin-orbit interaction. Russian Journal of Mathematical Physics, 2007, 14, 430-434.	0.4	27
72	Asymptotic eigenvalue estimates for a Robin problem with a large parameter. Portugaliae Mathematica, 2014, 71, 141-156.	0.4	27

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73	Non-Weyl asymptotics for quantum graphs with general coupling conditions. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 474013.	0.7	26
74	Bound states in quantum waveguides of a slowly decaying curvature. Journal of Mathematical Physics, 1993, 34, 23-28.	0.5	25
75	Lieb-Thirring Inequalities for Geometrically Induced Bound States. Letters in Mathematical Physics, 2004, 70, 83-95.	0.5	25
76	A Product Formula Related to Quantum Zeno Dynamics. Annales Henri Poincare, 2005, 6, 195-215.	0.8	25
77	On the ground state of quantum graphs with attractive δ-coupling. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 713-717.	0.9	25
78	Approximation of Schrödinger operators with Î^interactions supported on hypersurfaces. Mathematische Nachrichten, 2017, 290, 1215-1248.	0.4	25
79	Bounded energy approximation to an unstable quantum system. Reports on Mathematical Physics, 1980, 17, 275-285.	0.4	24
80	A non-relativistic model of two-particle decay. European Physical Journal D, 1987, 37, 503-515.	0.4	24
81	Two-Component Interference Effect: Model of a Spin-Polarized Transport. Physical Review Letters, 2001, 86, 1598-1601.	2.9	24
82	Generalized boundary conditions for the Aharonov–Bohm effect combined with a homogeneous magnetic field. Journal of Mathematical Physics, 2002, 43, 2151.	0.5	24
83	STRONG-COUPLING ASYMPTOTIC EXPANSION FOR SCHR×DINGER OPERATORS WITH A SINGULAR INTERACTION SUPPORTED BY A CURVE IN â,, 3 . Reviews in Mathematical Physics, 2004, 16, 559-582.	0.7	24
84	LOCALIZATION ON A QUANTUM GRAPH WITH A RANDOM POTENTIAL ON THE EDGES. Reviews in Mathematical Physics, 2007, 19, 923-939.	0.7	24
85	Canonical realizations of classical lie algebras. European Physical Journal D, 1976, 26, 1213-1228.	0.4	22
86	Representations of the Poincaré group associated with unstable particles. Physical Review D, 1983, 28, 2621-2627.	1.6	22
87	Band Gap of the Schrödinger Operator with a Strong δ-Interaction on a Periodic Curve. Annales Henri Poincare, 2001, 2, 1139-1158.	0.8	22
88	On the spectrum of a bent chain graph. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 415206.	0.7	22
89	One more theorem on the shortâ€time regeneration rate. Journal of Mathematical Physics, 1989, 30, 2563-2564	0.5	21
90	A quantum pipette. Journal of Physics A, 1995, 28, 5323-5330.	1.6	21

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91	Magnetic layers with periodic point perturbations. Reports on Mathematical Physics, 2003, 52, 255-280.	0.4	21
92	Resonances from perturbations of quantum graphs with rationally related edges. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 105301.	0.7	21
93	Spectral Theory of Infinite Quantum Graphs. Annales Henri Poincare, 2018, 19, 3457-3510.	0.8	21
94	Generalized Bargmann inequalities. Reports on Mathematical Physics, 1984, 19, 249-255.	0.4	20
95	A new type of quantum interference transistor. Physics Letters, Section A: General, Atomic and Solid State Physics, 1988, 129, 477-480.	0.9	20
96	Quantum-mechanical splitters: How should one understand them?. Physics Letters, Section A: General, Atomic and Solid State Physics, 1988, 128, 493-496.	0.9	20
97	Strength of Topologically Induced Magnetic Moments in a Quantum Device. Physical Review Letters, 1998, 80, 1710-1713.	2.9	20
98	Spectrum of the SchrĶdinger Operator in a Perturbed Periodically Twisted Tube. Letters in Mathematical Physics, 2005, 73, 183-192.	0.5	20
99	Complexâ€potential description of the damped harmonic oscillator. Journal of Mathematical Physics, 1983, 24, 1129-1135.	0.5	19
100	Spectra of soft ring graphs. Waves in Random and Complex Media, 2004, 14, S47-S60.	1.5	19
101	Generalized interactions supported on hypersurfaces. Journal of Mathematical Physics, 2016, 57, .	0.5	19
102	Anomalous electron trapping by localized magnetic fields. Journal of Physics A, 1999, 32, 3029-3039.	1.6	18
103	Wave function shredding by sparse quantum barriers. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 277, 1-6.	0.9	18
104	Extended Standard Map with Spatio-Temporal Asymmetry. Journal of the Physical Society of Japan, 2003, 72, 1087-1091.	0.7	17
105	Strong Coupling Asymptotics for a Singular SchrĶdinger Operator with an Interaction Supported by an Open Arc. Communications in Partial Differential Equations, 2014, 39, 193-212.	1.0	17
106	A Mathematical Model of Heavy-Quarkonia Mesonic Decays. Annals of Physics, 1994, 233, 1-16.	1.0	16
107	Appendix resonances on a simple graph. Journal of Physics A, 1994, 27, 8269-8278.	1.6	16
108	Persistent currents for the 2D SchrĶdinger operator with a strong δ-interaction on a loop. Journal of Physics A, 2002, 35, 3479-3487.	1.6	16

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109	Scattering by local deformations of a straight leaky wire. Journal of Physics A, 2005, 38, 4865-4874.	1.6	16
110	Hiatus perturbation for a singular Schrödinger operator with an interaction supported by a curve in R3. Journal of Mathematical Physics, 2008, 49, 032111.	0.5	16
111	On geometric perturbations of critical Schrödinger operators with a surface interaction. Journal of Mathematical Physics, 2009, 50, 112101.	0.5	16
112	Spectrum of Dirichlet Laplacian in a conical layer. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 474023.	0.7	16
113	Distant perturbation asymptotics in window-coupled waveguides. I. The nonthreshold case. Journal of Mathematical Physics, 2006, 47, 113502.	0.5	15
114	Edge currents in the absence of edges. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 264, 124-130.	0.9	14
115	Magnetic strip waveguides. Journal of Physics A, 2000, 33, 3297-3311.	1.6	14
116	Eigenvalue Asymptotics for the Schrödinger Operator with a δ-Interaction on a Punctured Surface. Letters in Mathematical Physics, 2003, 65, 19-26.	0.5	14
117	Non-Weyl resonance asymptotics for quantum graphs in a magnetic field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 805-807.	0.9	14
118	Spectral asymptotics of a strong δ′ interaction on a planar loop. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 345201.	0.7	14
119	Curvature-induced bound states in Robin waveguides and their asymptotical properties. Journal of Mathematical Physics, 2014, 55, .	0.5	14
120	Quantum waveguides with a lateral semitransparent barrier: spectral and scattering properties. Journal of Physics A, 1999, 32, 4475-4494.	1.6	13
121	WAVEGUIDES COUPLED THROUGH A SEMITRANSPARENT BARRIER: A BIRMAN–SCHWINGER ANALYSIS. Reviews in Mathematical Physics, 2001, 13, 307-334.	0.7	13
122	Quantum graphs with vertices of a preferred orientation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 283-287.	0.9	13
123	Bound states in mildly curved layers. Journal of Physics A, 2001, 34, 5969-5985.	1.6	12
124	Schrödinger operators with singular interactions: a model of tunnelling resonances. Journal of Physics A, 2004, 37, 8255-8277.	1.6	12
125	Spectral Filtering in Quantum Y-Junction. Journal of the Physical Society of Japan, 2009, 78, 124004.	0.7	12
126	A regular version of Smilansky model. Journal of Mathematical Physics, 2014, 55, .	0.5	12

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127	Gap asymptotics in a weakly bent leaky quantum wire. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 495301.	0.7	12
128	Periodic quantum graphs from the Bethe–Sommerfeld perspective. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 455201.	0.7	12
129	Bound States of Infinite Curved Polymer Chains. Letters in Mathematical Physics, 2001, 57, 87-96.	0.5	11
130	Bound states in point-interaction star graphs. Journal of Physics A, 2001, 34, 7783-7794.	1.6	11
131	The decay law can have an irregular character. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 1333-1340.	0.7	11
132	On the Dense Point and Absolutely Continuous Spectrum for Hamiltonians with Concentric δ Shells. Letters in Mathematical Physics, 2007, 82, 25-37.	0.5	11
133	Essential spectrum of Schrödinger operators with Β-interactions on the union of compact Lipschitz hypersurfaces. Proceedings in Applied Mathematics and Mechanics, 2013, 13, 523-524.	0.2	11
134	A spectral isoperimetric inequality for cones. Letters in Mathematical Physics, 2017, 107, 717-732.	0.5	11
135	Ring chains with vertex coupling of a preferred orientation. Reviews in Mathematical Physics, 2021, 33, 2060005.	0.7	11
136	Path-integral expression of dissipative dynamics. Physics Letters, Section A: General, Atomic and Solid State Physics, 1981, 83, 203-206.	0.9	10
137	Magnetic transport in a straight parabolic channel. Journal of Physics A, 2001, 34, 9733-9752.	1.6	10
138	Absolute Continuity in Periodic Thin Tubes and Strongly Coupled Leaky Wires. Letters in Mathematical Physics, 2003, 65, 75-82.	0.5	10
139	An isoperimetric problem for point interactions. Journal of Physics A, 2005, 38, 4795-4802.	1.6	10
140	Zeno Product Formula Revisited. Integral Equations and Operator Theory, 2007, 57, 67-81.	0.4	10
141	Tunneling resonances in systems without a classical trapping. Journal of Mathematical Physics, 2013, 54, 012102.	0.5	10
142	Approximations of Quantum-Graph Vertex Couplings by Singularly Scaled Rank-One Operators. Letters in Mathematical Physics, 2014, 104, 1079-1094.	0.5	10
143	Asymptotics of the bound state induced by <i>δ</i> -interaction supported on a weakly deformed plane. Journal of Mathematical Physics, 2018, 59,	0.5	10
144	Boson–fermion representations of Lie superalgebras: The example of osp(1,2). Journal of Mathematical Physics, 1982, 23, 350-353.	0.5	9

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145	A simple model of thin-film point contact in two and three dimensions. European Physical Journal D, 1988, 38, 1095-1110.	0.4	9
146	Mechanism of porous-silicon luminescence. Physical Review B, 1998, 57, 1382-1385.	1.1	9
147	Dynamics of an electron confined to a "hybrid plane―and interacting with a magnetic field. Reports on Mathematical Physics, 2011, 67, 211-227.	0.4	9
148	Spectral estimates for a class of Schrödinger operators with infinite phase space and potential unbounded from below. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 075204.	0.7	9
149	On the Bound States of Magnetic Laplacians on Wedges. Reports on Mathematical Physics, 2018, 82, 161-185.	0.4	9
150	Geometric Phase Related to Point-Interaction Transport on a Magnetic Lobachevsky Plane. Letters in Mathematical Physics, 2001, 55, 9-16.	0.5	8
151	Bose–Einstein condensation in geometrically deformed tubes. Journal of Physics A, 2005, 38, L463-L470.	1.6	8
152	Resonance asymptotics in the generalized Winter model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 360, 57-61.	0.9	8
153	Absolute Continuity of the Spectrum for Periodically Modulated Leaky Wires in \$\${mathbb{R}^{3}}\$. Annales Henri Poincare, 2007, 8, 241-263.	0.8	8
154	On eigenvalue asymptotics for strong δ-interactions supported by surfaces with boundaries. Asymptotic Analysis, 2016, 97, 1-25.	0.2	8
155	Berry phase for a potential well transported in a homogeneous magnetic field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 276, 16-18.	0.9	7
156	Sufficient conditions for the anti-Zeno effect. Journal of Physics A, 2005, 38, L449-L454.	1.6	7
157	Approximations by graphs and emergence of global structures. Reports on Mathematical Physics, 2006, 57, 445-455.	0.4	7
158	A remark on helical waveguides. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 369, 393-399.	0.9	7
159	On the critical exponent in an isoperimetric inequality for chords. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 368, 1-6.	0.9	7
160	Tripartite connection condition for a quantum graph vertex. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 375, 113-118.	0.9	7
161	On the absence of absolutely continuous spectra for SchrĶdinger operators on radial tree graphs. Journal of Mathematical Physics, 2010, 51, .	0.5	7
162	On Some Sharp Spectral Inequalities for SchrĶdinger Operators on Semiaxis. Communications in Mathematical Physics, 2014, 326, 531-541.	1.0	7

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163	xmins:xocs= http://www.elsevier.com/xmi/xocs/dtd_xmins:xs= http://www.w3.org/2001/XMLSchema xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	0.9	7
164	On the spectrum of narrow Neumann waveguide with periodically distributed \$delta prime \$ traps. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 315301.	0.7	7
165	Spectra of magnetic chain graphs: coupling constant perturbations. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 125302.	0.7	7
166	Spectral asymptotics of the Laplacian on Platonic solids graphs. Journal of Mathematical Physics, 2019, 60, 122101.	0.5	7
167	Corrections to the exponential decay law: Are they observable?. European Physical Journal D, 1977, 27, 855-864.	0.4	6
168	Mathematical models for quantum point-contact spectroscopy. European Physical Journal D, 1988, 38, 1-11.	0.4	6
169	Evanescent modes in a multiple scattering factorization. European Physical Journal D, 1998, 48, 617-624.	0.4	6
170	Berry phase in magnetic systems with point perturbations. Journal of Geometry and Physics, 2000, 36, 178-197.	0.7	6
171	Singular interactions in quantum mechanics: solvable models. Journal of Physics A, 2005, 38, .	1.6	6
172	Quantum networks modelled by graphs. AIP Conference Proceedings, 2008, , .	0.3	6
173	Remarks on the Trotter–Kato Product Formula for Unitary Groups. Integral Equations and Operator Theory, 2011, 69, 451-478.	0.4	6
174	Absence of Absolutely Continuous Spectrum for the Kirchhoff Laplacian on Radial Trees. Annales Henri Poincare, 2014, 15, 1109-1121.	0.8	6
175	Spectrum of a Dilated Honeycomb Network. Integral Equations and Operator Theory, 2015, 81, 535-557.	0.4	6
176	Spectral and resonance properties of the Smilansky Hamiltonian. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 756-761.	0.9	6
177	A magnetic version of the Smilansky–Solomyak model. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 485203.	0.7	6
178	A regular analogue of the Smilansky model: Spectral properties. Reports on Mathematical Physics, 2017, 80, 177-192.	0.4	6
179	Spectral properties of soft quantum waveguides. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 355302.	0.7	6
180	The Landau Hamiltonian with δ-potentials supported on curves. Reviews in Mathematical Physics, 2020, 32, 2050010.	0.7	6

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181	On resonances and bound states of Smilansky Hamiltonian. Nanosystems: Physics, Chemistry, Mathematics, 2016, , 789-802.	0.2	6
182	Unstable systems and repeated measurements. European Physical Journal D, 1977, 27, 117-126.	0.4	5
183	On the optical approximation in twoâ€channel systems. Journal of Mathematical Physics, 1983, 24, 1542-1547.	0.5	5
184	A non-relativistic model of two-particle decay II. Reduced resolvent. European Physical Journal D, 1987, 37, 1028-1034.	0.4	5
185	A twisted Landau gauge. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 178, 236-238.	0.9	5
186	Electron trapping by a current vortex. Journal of Physics A, 1998, 31, L305-L311.	1.6	5
187	Unstable system dynamics: Do we understand it fully?. Reports on Mathematical Physics, 2007, 59, 351-363.	0.4	5
188	High-energy asymptotics of the spectrum of a periodic square lattice quantum graph. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 474024.	0.7	5
189	Inverse scattering problem for quantum graph vertices. Physical Review A, 2011, 83, .	1.0	5
190	Approximations of quantum-graph vertex couplings by singularly scaled potentials. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 345202.	0.7	5
191	Spectral analysis of a class of Schrödinger operators exhibiting a parameter-dependent spectral transition. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 165302.	0.7	5
192	Topological bulk-edge effects in quantum graph transport. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126390.	0.9	5
193	Solvable Models of Resonances and Decays. Operator Theory: Advances and Applications, 2013, , 165-227.	0.2	5
194	Bound States and Resonances in Quantum Wires. , 1990, , 65-84.		5
195	VERTEX COUPLINGS IN QUANTUM GRAPHS: APPROXIMATIONS BY SCALED SCHRÖDINGER OPERATORS. , 2011,		5
196	Remark on the decay of a mixed state. European Physical Journal D, 1976, 26, 976-982.	0.4	4
197	Highest-weight representations ofsl(2, â,,,) andsl(3, â,,,) via canonical realizations. European Physical Journal D, 1981, 31, 459-469.	0.4	4
198	Uniform product formulae with application to the Feynman?Nelson integral for open systems. Letters in Mathematical Physics, 1982, 6, 153-159.	0.5	4

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199	Curvature vs. Thickness in quantum waveguides. European Physical Journal D, 1991, 41, 1009-1018.	0.4	4
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