

Jakub Zakrzewski

List of Publications by Year in descending order

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179
papers

5,267
citations

94433

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181
all docs

181
docs citations

181
times ranked

2874
citing authors

#	ARTICLE	IF	CITATIONS
1	On intermediate statistics across many-body localization transition. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 014001.	2.1	7
2	Cold atoms meet lattice gauge theory. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, 20210064.	3.4	72
3	Many-body localization regime for cavity-induced long-range interacting models. Physical Review B, 2022, 105, .	3.2	2
4	Phase Diagram of $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:mrow> \langle mml:mn> 1 \langle /mml:mn> \langle mml:mo> + \langle /mml:mo> \langle mml:mn> 1 \langle /mml:mn> \langle mml:mi mathvariant="normal"> D \langle /mml:mi> \langle /mml:mrow> \langle /mml:math>$ Abelian-Higgs Model and Its Critical Point. Physical Review Letters, 2022, 128, 090601.	7.8	2
5	Devil's staircase of topological Peierls insulators and Peierls supersolids. SciPost Physics, 2022, 12, .	4.9	5
6	Quantum boomerang effect in systems without time-reversal symmetry. Physical Review B, 2022, 105, .	3.2	5
7	Challenges to observation of many-body localization. Physical Review B, 2022, 105, .	3.2	58
8	Unsupervised detection of decoupled subspaces: Many-body scars and beyond. Physical Review B, 2022, 105, .	3.2	5
9	Scar states in deconfined $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> \langle mml:msub> \langle mml:mi mathvariant="double-struck"> Z \langle /mml:mi> \langle mml:mn> 2 \langle /mml:mn> \langle /mml:msub> \langle /mml:math>$ lattice gauge theories. Physical Review B, 2022, 106, .	3.2	18
10	A systematic construction of Gaussian basis sets for the description of laser field ionization and high-harmonic generation. Journal of Chemical Physics, 2021, 154, 094111.	3.0	12
11	Ergodicity breaking with long-range cavity-induced quasiperiodic interactions. Physical Review B, 2021, 103, .	3.2	8
12	Strong-field triple ionisation of atoms with $p \langle sup> 3 \langle /sup>$ valence shell. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 114001.	1.5	6
13	A dark state of Chern bands: Designing flat bands with higher Chern number. SciPost Physics, 2021, 10, .	4.9	5
14	Nonergodic dynamics in disorder-free potentials. Annals of Physics, 2021, 435, 168540.	2.8	16
15	Many-body localization in tilted and harmonic potentials. Physical Review B, 2021, 104, .	3.2	24
16	Three-electron correlations in strong laser field ionization. Optics Express, 2021, 29, 26526.	3.4	7
17	Constraint-Induced Delocalization. Physical Review Letters, 2021, 127, 126603.	7.8	19
18	Detecting ergodic bubbles at the crossover to many-body localization using neural networks. Physical Review B, 2021, 104, .	3.2	7

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19	Optical lattice for a tripodlike atomic level structure. Physical Review A, 2021, 104, .	2.5	4
20	Finite-size scaling analysis of the many-body localization transition in quasiperiodic spin chains. Physical Review B, 2021, 104, .	3.2	20
21	Triple-Ionization in Strong-Laser Fields. , 2021, , .		0
22	Many-body localization of bosons in an optical lattice: Dynamics in disorder-free potentials. Physical Review B, 2020, 102, .	3.2	30
23	Many-body localization in a one-dimensional optical lattice with speckle disorder. Physical Review B, 2020, 102, .	3.2	9
24	Polynomially Filtered Exact Diagonalization Approach to Many-Body Localization. Physical Review Letters, 2020, 125, 156601.	7.8	69
25	Many-body localization in the Bose-Hubbard model: Evidence for mobility edge. Physical Review B, 2020, 102, .	3.2	19
26	Quantum boomerang effect for interacting particles. Physical Review A, 2020, 102, .	2.5	8
27	Simulating lattice gauge theories within quantum technologies. European Physical Journal D, 2020, 74, 1.	1.3	272
28	Staggered superfluid phases of dipolar bosons in two-dimensional square lattices. Physical Review B, 2020, 102, .	3.2	19
29	Confinement and Lack of Thermalization after Quenches in the Bosonic Schwinger Model. Physical Review Letters, 2020, 124, 180602.	7.8	52
30	Superfluid phases induced by dipolar interactions. Physical Review B, 2020, 101, .	3.2	14
31	Thouless Time Analysis of Anderson and Many-Body Localization Transitions. Physical Review Letters, 2020, 124, 186601.	7.8	137
32	Strong-field ionization of atoms with $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:msup} \langle \text{mml:mi} \text{p} \rangle \langle \text{mml:mi} \text{3} \rangle \langle \text{mml:mn} \text{4} \rangle \langle \text{mml:msup} \langle \text{mml:mi} \text{p} \rangle \langle \text{mml:mi} \text{3} \rangle \langle \text{mml:mn} \text{4} \rangle \rangle \rangle$ valence shell: Two versus three active electrons. Physical Review A, 2020, 101, .		
33	Model of level statistics for disordered interacting quantum many-body systems. Physical Review B, 2020, 101, .	3.2	37
34	Time dynamics with matrix product states: Many-body localization transition of large systems revisited. Physical Review B, 2020, 101, .	3.2	59
35	Many-body localization with synthetic gauge fields in disordered Hubbard chains. Physical Review B, 2020, 101, .	3.2	10
36	Coexistence of localized and extended phases: Many-body localization in a harmonic trap. Physical Review Research, 2020, 2, .	3.6	29

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37	Many-body localization transition in large quantum spin chains: The mobility edge. <i>Physical Review Research</i> , 2020, 2, .	3.6	28
38	Symphony on strong field approximation. <i>Reports on Progress in Physics</i> , 2019, 82, 116001.	20.1	123
39	Topological time crystals. <i>New Journal of Physics</i> , 2019, 21, 052003.	2.9	38
40	Energy level dynamics across the many-body localization transition. <i>Physical Review B</i> , 2019, 99, .	3.2	21
41	Fidelity susceptibility in Gaussian random ensembles. <i>Physical Review E</i> , 2019, 99, 050102.	2.1	20
42	Route to chaos in a coupled microresonator system with gain and loss. <i>Nonlinear Dynamics</i> , 2019, 97, 559-569.	5.2	5
43	Level statistics across the many-body localization transition. <i>Physical Review B</i> , 2019, 99, .	3.2	57
44	Rescattering effects in streaking experiments of strong-field ionization. <i>Physical Review A</i> , 2019, 100, .	2.5	4
45	Double ionization of a three-electron atom: Spin correlation effects. <i>Physical Review A</i> , 2019, 100, .	2.5	8
46	Many-body localization in presence of cavity mediated long-range interactions. <i>SciPost Physics</i> , 2019, 7, .	4.9	32
47	At the Limits of Criticality-Based Quantum Metrology: Apparent Super-Heisenberg Scaling Revisited. <i>Physical Review X</i> , 2018, 8, .	8.9	59
48	Many-body localization of bosons in optical lattices. <i>New Journal of Physics</i> , 2018, 20, 043032.	2.9	53
49	Discrete disorder models for many-body localization. <i>Physical Review B</i> , 2018, 97, .	3.2	20
50	Time crystals: a review. <i>Reports on Progress in Physics</i> , 2018, 81, 016401.	20.1	322
51	Single-particle localization in dynamical potentials. <i>Physical Review A</i> , 2018, 98, .	2.5	12
52	Impact of geometry on many-body localization. <i>Physical Review B</i> , 2018, 98, .	3.2	9
53	<i>Ab initio</i> study of time-dependent dynamics in strong-field triple ionization. <i>Physical Review A</i> , 2018, 98, .	2.5	19
54	Spin-charge separation and many-body localization. <i>Physical Review B</i> , 2018, 98, .	3.2	34

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55	Restricted-space <i>ab initio</i> models for double ionization by strong laser pulses. <i>Physical Review A</i> , 2018, 98, .	2.5	14
56	Extended Bose-Hubbard model with dipolar and contact interactions. <i>Physical Review B</i> , 2018, 97, .	3.2	25
57	Many-body localization due to random interactions. <i>Physical Review A</i> , 2017, 95, .	2.5	82
58	Synthetic random flux model in a periodically driven optical lattice. <i>Physical Review A</i> , 2017, 96, .	2.5	3
59	Fibonacci anyon excitations of one-dimensional dipolar lattice bosons. <i>Physical Review B</i> , 2017, 95, .	3.2	10
60	Two bosonic quantum walkers in one-dimensional optical lattices. <i>Physical Review A</i> , 2017, 96, .	2.5	18
61	Toolbox for Abelian lattice gauge theories with synthetic matter. <i>Physical Review A</i> , 2017, 95, .	2.5	32
62	Time Crystal Behavior of Excited Eigenstates. <i>Physical Review Letters</i> , 2017, 119, 250602.	7.8	44
63	Many-Body Localization for Randomly Interacting Bosons. <i>Acta Physica Polonica A</i> , 2017, 132, 1707-1712.	0.5	23
64	Locating the quantum critical point of the Bose-Hubbard model through singularities of simple observables. <i>Scientific Reports</i> , 2016, 6, 38340.	3.3	9
65	Different lattice geometries with a synthetic dimension. <i>Physical Review A</i> , 2016, 94, .	2.5	21
66	Topological Rice-Mele model in an emergent lattice: Exact diagonalization approach. <i>Physical Review A</i> , 2016, 93, .	2.5	5
67	Controlling disorder with periodically modulated interactions. <i>Physical Review A</i> , 2015, 92, .	2.5	10
68	Publisher's Note: Controlling disorder with periodically modulated interactions [<i>Phys. Rev. A</i> 92, 023606 (2015)]. <i>Physical Review A</i> , 2015, 92, .	2.5	0
69	Properties of the one-dimensional Bose-Hubbard model from a high-order perturbative expansion. <i>New Journal of Physics</i> , 2015, 17, 125010.	2.9	4
70	Dynamics of heat and mass transport in a quantum insulator. <i>Physical Review B</i> , 2015, 91, .	3.2	3
71	Non-standard Hubbard models in optical lattices: a review. <i>Reports on Progress in Physics</i> , 2015, 78, 066001.	20.1	284
72	Spontaneous magnetization and anomalous Hall effect in an emergent Dice lattice. <i>Scientific Reports</i> , 2015, 5, 11060.	3.3	10

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73	Time reversals of irreversible quantum maps. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 38FT01.	2.1	15
74	Riceâ€™Mele model with topological solitons in an optical lattice. New Journal of Physics, 2015, 17, 013018.	2.9	25
75	Bose-Hubbard model with random impurities: Multiband and nonlinear hopping effects. Physical Review A, 2014, 90, .	2.5	3
76	Many body population trapping in ultracold dipolar gases. New Journal of Physics, 2014, 16, 052002.	2.9	2
77	Wannier functions for one-dimensionalâ€™optical superlattices. Physical Review A, 2014, 90, .	2.5	6
78	Numerical studies of ground-state fidelity of the Bose-Hubbard model. Physical Review A, 2014, 89, .	2.5	21
79	Reexamination of the variational Bose-Hubbard model. Physical Review A, 2014, 89, .	2.5	7
80	Fast Dynamics for Atoms in Optical Lattices. Physical Review Letters, 2013, 110, 065301.	7.8	35
81	Tunneling-Induced Restoration of the Degeneracy and the Time-Reversal Symmetry Breaking in Optical Lattices. Physical Review Letters, 2013, 111, 215302.	7.8	17
82	Many-body Anderson localization in one-dimensional systems. New Journal of Physics, 2013, 15, 045021.	2.9	28
83	Density-dependent tunneling in the extended Boseâ€™Hubbard model. New Journal of Physics, 2013, 15, 113041.	2.9	27
84	Dynamics of cold bosons in optical lattices: effects of higher Bloch bands. New Journal of Physics, 2013, 15, 013062.	2.9	25
85	Numerical computation of dynamically important excited states of many-body systems. Physical Review A, 2012, 86, .	2.5	9
86	Two-component Bose-Hubbard model with higher-angular-momentum states. Physical Review A, 2012, 85, .	2.5	11
87	Quantum spin models with long-range interactions and tunnelings: a quantum Monte Carlo study. New Journal of Physics, 2012, 14, 113006.	2.9	20
88	Frustration and time-reversal symmetry breaking for Fermi and Bose-Fermi systems. Physical Review A, 2012, 85, .	2.5	20
89	Spin Effects in Bose-Glass Phases. Journal of Low Temperature Physics, 2011, 165, 227-238.	1.4	6
90	Dipolar bosons on an optical lattice ring. Physical Review A, 2011, 84, .	2.5	18

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91	Tunable dipolar resonances and Einstein-de Haas effect in a Rb -atom condensate. <i>Physical Review A</i> , 2011, 83, .	2.5	20
92	Disordered spinor Bose-Hubbard model. <i>Physical Review A</i> , 2011, 83, .	2.5	26
93	Phase effects in double ionization by strong short pulses. <i>Chemical Physics</i> , 2010, 370, 168-174.	1.9	18
94	Breakdown of adiabaticity when loading ultracold atoms in optical lattices. <i>Physical Review A</i> , 2009, 80, .	2.5	36
95	Compression as a Tool to Detect Bose Glass in a Cold Atomic Gas. <i>Physical Review Letters</i> , 2009, 102, 085301.	7.8	27
96	Anderson Localization of Solitons. <i>Physical Review Letters</i> , 2009, 103, 210402.	7.8	45
97	Quantum model for double ionization of atoms in strong laser fields. <i>Physical Review A</i> , 2008, 78, .	2.5	26
98	Suppression of correlated electron escape in double ionization in strong laser fields. <i>Physical Review A</i> , 2008, 77, .	2.5	9
99	Momentum distributions after double ionization. <i>Chaos</i> , 2008, 18, 041110.	2.5	0
100	Accurate determination of the superfluid-insulator transition in the one-dimensional Bose-Hubbard model. , 2008, , .		13
101	Time-Resolved Quantum Dynamics of Double Ionization in Strong Laser Fields. <i>Physical Review Letters</i> , 2007, 98, 203002.	7.8	60
102	Analysis of localization phenomena in weakly interacting disordered lattice gases. <i>New Journal of Physics</i> , 2006, 8, 230-230.	2.9	22
103	Mott-insulator phase of the one-dimensional Bose-Hubbard model: A high-order perturbative study. <i>Physical Review A</i> , 2006, 74, .	2.5	32
104	Fermi-Dirac statistics and the number theory. <i>Europhysics Letters</i> , 2005, 72, 506-512.	2.0	9
105	Mean-field dynamics of the superfluid-insulator phase transition in a gas of ultracold atoms. <i>Physical Review A</i> , 2005, 71, .	2.5	71
106	Nonsequential double ionization of molecules. <i>Physical Review A</i> , 2005, 71, .	2.5	18
107	Routes Towards Anderson-Like Localization of Bose-Einstein Condensates in Disordered Optical Lattices. <i>Physical Review Letters</i> , 2005, 95, 170411.	7.8	214
108	Experimentally attainable example of chaotic tunneling: The hydrogen atom in parallel static electric and magnetic fields. <i>Physical Review A</i> , 2003, 68, .	2.5	9

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109	Breakdown of correspondence in chaotic systems: Ehrenfest versus localization times. <i>Physical Review A</i> , 2002, 65, .	2.5	20
110	Stirring a Bose-Einstein condensate. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, 4051-4057.	1.5	8
111	Collective excitation of trapped degenerate Fermi gases. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, L153-L159.	1.5	9
112	Non-dispersive wave packets in periodically driven quantum systems. <i>Physics Reports</i> , 2002, 368, 409-547.	25.6	151
113	Simple method for excitation of a Bose-Einstein condensate. <i>Physical Review A</i> , 2001, 65, .	2.5	24
114	Driven Rydberg Atoms Reveal Quartic Level Repulsion. <i>Physical Review Letters</i> , 2001, 86, 2269-2272.	7.8	5
115	Method for collective excitation of a Bose-Einstein condensate. <i>Physical Review A</i> , 2001, 63, .	2.5	16
116	Breaking Time Reversal Symmetry in Chaotic Driven Rydberg Atoms. <i>Annals of Physics</i> , 2000, 283, 141-172.	2.8	8
117	Resonant dynamics of the H atom in an elliptically polarized microwave field. <i>Physical Review A</i> , 1999, 59, 1707-1710.	2.5	4
118	Chaotic Rydberg Atoms with Broken Time-Reversal Symmetry. <i>Physical Review Letters</i> , 1999, 83, 2922-2925.	7.8	14
119	H-atom ionization by elliptically polarized microwave fields: Three-dimensional analysis. <i>Physical Review A</i> , 1998, 58, 488-497.	2.5	8
120	Conductance fluctuations in microwave-driven Rydberg atoms. <i>Europhysics Letters</i> , 1998, 44, 162-167.	2.0	16
121	H atom in elliptically polarized microwaves: Semiclassical versus quantum resonant dynamics. <i>Physical Review A</i> , 1998, 58, 3974-3982.	2.5	8
122	Spontaneous emission of nondispersive Rydberg wave packets. <i>Physical Review A</i> , 1998, 58, 466-477.	2.5	26
123	Ionization via chaos assisted tunneling. <i>Physical Review E</i> , 1998, 57, 1458-1474.	2.1	49
124	How to build experimentally a non-spreading wavepacket. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1997, 30, L87-L93.	1.5	10
125	Comment on "New States of Hydrogen in a Circularly Polarized Electromagnetic Field". <i>Physical Review Letters</i> , 1997, 79, 3541-3541.	7.8	5
126	Nonuniversality in level dynamics. <i>Physical Review E</i> , 1997, 55, 2446-2454.	2.1	12

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127	Resonance overlap criterion for H atom ionization by circularly polarized microwave fields. Physical Review A, 1997, 55, 568-576.	2.5	11
128	H-atom ionization by elliptically polarized microwave fields: The overlap criterion. Physical Review A, 1997, 56, 719-728.	2.5	11
129	Ionization of hydrogen atoms by circularly polarized microwaves. , 1997, , 205-232.		3
130	Nondispersive wave packets as solitonic solutions of level dynamics. Zeitschrift für Physik B-Condensed Matter, 1997, 103, 115-122.	1.1	9
131	Power-Law Decay in the Ionization of H Rydberg Atoms. Open Systems and Information Dynamics, 1997, 4, 323-326.	1.2	0
132	Two-dimensional quantum hydrogen atom in circularly polarized microwaves: Global properties. Physical Review A, 1996, 54, 691-709.	2.5	21
133	Statistical properties of random scattering matrices. Physical Review E, 1996, 54, 2438-2446.	2.1	22
134	On "Universal" correlations in disordered and chaotic systems. European Physical Journal B, 1995, 98, 273-277.	1.5	11
135	Multiple Time Scales in the Microwave Ionization of Rydberg Atoms. Physical Review Letters, 1995, 75, 3818-3821.	7.8	35
136	Lasers without inversion in a Doppler-broadened medium. Physical Review A, 1995, 51, 830-834.	2.5	29
137	Ionization of hydrogen atoms by circularly polarized microwaves. Physical Review A, 1995, 51, 1508-1519.	2.5	17
138	Parametric spectral correlations of disordered systems in the Fourier domain. Physical Review E, 1995, 52, 2220-2235.	2.1	13
139	Statistical Properties of Energy Levels of Chaotic Systems: Wigner or Non-Wigner?. Physical Review Letters, 1995, 74, 522-525.	7.8	52
140	Classical aspects of quantum localization in microwave ionization of H atoms. Physical Review A, 1995, 52, R2523-R2526.	2.5	7
141	Nonspreading Electronic Wave Packets and Conductance Fluctuations. Physical Review Letters, 1995, 75, 4015-4018.	7.8	45
142	Stabilization in circularly polarized light: Floquet-adiabatic versus exact treatment. Journal of Physics B: Atomic, Molecular and Optical Physics, 1995, 28, L667-L672.	1.5	23
143	Resonances in the Diamagnetic Rydberg Spectrum: Order and Chaos. Europhysics Letters, 1995, 31, 251-256.	2.0	13
144	A Wave Packet Can Be a Stationary State. Europhysics Letters, 1995, 32, 107-112.	2.0	38

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145	Ionization of H Rydberg atoms by microwaves: Pulse-shape influence on the algebraic decay. <i>Physical Review A</i> , 1994, 50, 4408-4411.	2.5	8
146	Yang-Mills classical mechanics revisited. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 327, 67-69.	4.1	6
147	Semiclassical study of $\tilde{\Lambda}$ -double-lambda laser without inversion. <i>Optics Communications</i> , 1994, 107, 145-160.	2.1	10
148	Parametric motion of energy levels in quantum chaotic systems. II. Avoided-crossing distributions. <i>Physical Review E</i> , 1993, 47, 1665-1676.	2.1	42
149	Ionization of highly excited hydrogen atoms by a circularly polarized microwave field. <i>Physical Review A</i> , 1993, 47, R2468-R2471.	2.5	42
150	Parametric motion of energy levels in quantum chaotic systems. I. Curvature distributions. <i>Physical Review E</i> , 1993, 47, 1650-1664.	2.1	112
151	Theoretical explanation of the first experimentally observed laser without inversion in a two-level scheme. <i>Physical Review A</i> , 1992, 46, 6010-6014.	2.5	8
152	Theory of dressed-state lasers in the bad-cavity limit. <i>Physical Review A</i> , 1992, 45, 2057-2069.	2.5	19
153	Pulsed dressed-state lasers. <i>Physical Review A</i> , 1992, 46, 2877-2886.	2.5	2
154	Dressed-atom model of lasing without inversion in the double- Λ configuration. <i>Physical Review A</i> , 1992, 45, 420-423.	2.5	32
155	A numerical method for locating stable periodic orbits in chaotic systems. <i>Physica D: Nonlinear Phenomena</i> , 1992, 56, 368-380.	2.8	15
156	Theory of dressed-state lasers. II. Phase diffusion and squeezing. <i>Physical Review A</i> , 1991, 44, 7732-7745.	2.5	34
157	Theory of dressed-state lasers. I. Effective Hamiltonians and stability properties. <i>Physical Review A</i> , 1991, 44, 7717-7731.	2.5	72
158	Distributions of avoided crossings for quantum chaotic systems. <i>Physical Review Letters</i> , 1991, 67, 2749-2752.	7.8	41
159	Theory of dressed-state lasers. III. Pump-depletion effects. <i>Physical Review A</i> , 1991, 44, 7746-7758.	2.5	34
160	Quantum scars on a sphere. <i>Physical Review A</i> , 1991, 43, 4244-4248.	2.5	17
161	Level Crossing in a Frequency-dependent Photon Reservoir. <i>Journal of Modern Optics</i> , 1991, 38, 1309-1326.	1.3	0
162	Adiabatic mechanism of wave-function localization in the globally chaotic system. <i>Physical Review A</i> , 1990, 42, 7172-7182.	2.5	16

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163	Hanle Effect in Frequency Dependent Photon Reservoir. , 1990, , 1269-1272.		0
164	Spectra in the chaotic region: Methods for extracting dynamic information. Journal of Chemical Physics, 1989, 90, 1505-1518.	3.0	57
165	A Model for motion in the chaotic regime: Classical and quantum viewpoints. Chemical Physics Letters, 1988, 145, 555-561.	2.6	21
166	Time evolution in a driven quantum system: Excitation through bands of states. Physical Review A, 1988, 38, 5602-5608.	2.5	1
167	Spontaneous emission of atoms coupled to frequency-dependent reservoirs. Physical Review A, 1988, 38, 808-819.	2.5	84
168	Semiclassical quantization via adiabatic switching. I. Choice of tori and initial conditions for two-dimensional systems. Physical Review A, 1988, 38, 3877-3899.	2.5	16
169	Dynamic interpretation of atomic and molecular spectra in the chaotic regime. Physical Review A, 1988, 38, 3732-3748.	2.5	40
170	Semiclassical quantization via adiabatic switching. II. Choice of tori and initial conditions for multidimensional systems. Physical Review A, 1988, 38, 3900-3908.	2.5	13
171	Spectra in the chaotic region: A quantum analysis of the photodissociation of H ₃ . Journal of Chemical Physics, 1988, 89, 5959-5960.	3.0	26
172	Non-exponential spontaneous decay in cavities and waveguides. Journal of Physics B: Atomic, Molecular and Optical Physics, 1988, 21, L9-L14.	1.5	44
173	Simple model for strong-laser-field ionization. Physical Review A, 1987, 36, 4311-4320.	2.5	15
174	Theory of fluorescence spectra induced by short laser pulses. Journal of the Optical Society of America B: Optical Physics, 1986, 3, 22.	2.1	54
175	Electron spin polarisation in laser induced autoionisation. Optics Communications, 1985, 53, 99-103.	2.1	0
176	Strong-field autoionization by smooth laser pulses. Physical Review A, 1985, 31, 2995-3002.	2.5	28
177	Analytic solutions of the two-state problem for a class of chirped pulses. Physical Review A, 1985, 32, 3748-3751.	2.5	54
178	Resonance scattering of a short laser pulse on a two-level system: Time-dependent approach. Physical Review A, 1985, 31, 1558-1562.	2.5	44
179	Self-organized topological insulator due to cavity-mediated correlated tunneling. Quantum - the Open Journal for Quantum Science, 0, 5, 501.	0.0	15