

# GÃ¶tz S Uhrig

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8119852/publications.pdf>

Version: 2024-02-01

168  
papers

5,181  
citations

87888

38  
h-index

106344

65  
g-index

176  
all docs

176  
docs citations

176  
times ranked

3079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Keeping a Quantum Bit Alive by Optimized Pulse Sequences. Physical Review Letters, 2007, 98, 100504.	7.8	548
2	The 2021 Magnonics Roadmap. Journal of Physics Condensed Matter, 2021, 33, 413001.	1.8	287
3	Magnetic excitation spectrum of dimerized antiferromagnetic chains. Physical Review B, 1996, 54, R9624-R9627.	3.2	159
4	Exact results on dynamical decoupling by $\pi$ pulses in quantum information processes. New Journal of Physics, 2008, 10, 083024.	2.9	128
5	Dispersion and Symmetry of Bound States in the Shastry-Sutherland Model. Physical Review Letters, 2000, 85, 3958-3961.	7.8	124
6	One- and Two-Triplon Spectra of a Cuprate Ladder. Physical Review Letters, 2007, 98, 027403.	7.8	106
7	Evidence for spin-charge separation in quasi-one-dimensional organic conductors. Nature, 2002, 418, 614-617.	27.8	100
8	Excitations in One-Dimensional $S=1/2$ Quantum Antiferromagnets. Physical Review Letters, 2003, 90, 227204.	7.8	98
9	Unifying Magnons and Triplons in Stripe-Ordered Cuprate Superconductors. Physical Review Letters, 2004, 93, 267003.	7.8	96
10	Exact Demonstration of Magnetization Plateaus and First-Order Dimer- $\pi$ Phase Transitions in a Modified Shastry-Sutherland Model for $\text{SrCu}_2(\text{BO}_3)_2$ . Physical Review Letters, 2000, 84, 1808-1811.	7.8	93
11	Observation of Two-Magnon Bound States in the Two-Leg Ladders of $(\text{Ca},\text{La})_{14}\text{Cu}_{24}\text{O}_{41}$ . Physical Review Letters, 2001, 87, 127002.	7.8	93
12	Field-Induced Tomonaga-Luttinger Liquid Phase of a Two-Leg Spin-1/2 Ladder with Strong Leg Interactions. Physical Review Letters, 2010, 105, 137207.	7.8	92
13	Fractional and Integer Excitations in Quantum Antiferromagnetic Spin-1/2 Ladders. Physical Review Letters, 2001, 87, 167204.	7.8	85
14	Concatenated Control Sequences Based on Optimized Dynamic Decoupling. Physical Review Letters, 2009, 102, 120502.	7.8	79
15	Coupling of Higgs and Leggett modes in non-equilibrium superconductors. Nature Communications, 2016, 7, 11921.	12.8	79
16	Nonadiabatic approach to spin-Peierls transitions via flow equations. Physical Review B, 1998, 57, R14004-R14007.	3.2	77
17	Lattice dependence of saturated ferromagnetism in the Hubbard model. Physical Review B, 1997, 56, 13960-13982.	3.2	71
18	SPECTRAL PROPERTIES OF MAGNETIC EXCITATIONS IN CUPRATE TWO-LEG LADDER SYSTEMS. Modern Physics Letters B, 2005, 19, 1179-1205.	1.9	69

#	ARTICLE	IF	CITATIONS
19	Optimized dynamical decoupling for power-law noise spectra. <i>Physical Review A</i> , 2010, 81, .	2.5	67
20	Zero-Field Incommensurate Spin-Peierls Phase with Interchain Frustration in TiOCl. <i>Physical Review Letters</i> , 2005, 95, 097203.	7.8	66
21	Strong Damping of Phononic Heat Current by Magnetic Excitations in SrCu <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> . <i>Physical Review Letters</i> , 2001, 87, 047202.	7.8	64
22	Pnictides as frustrated quantum antiferromagnets close to a quantum phase transition. <i>Physical Review B</i> , 2009, 79, .	3.2	63
23	Classification and characterization of nonequilibrium Higgs modes in unconventional superconductors. <i>Nature Communications</i> , 2020, 11, 287.	12.8	58
24	Symmetry and Dimension of the Magnon Dispersion of Inorganic Spin-Peierls Systems. <i>Physical Review Letters</i> , 1997, 79, 163-166.	7.8	55
25	Electron spectra close to a metal-to-insulator transition. <i>Physical Review B</i> , 2005, 72, .	3.2	54
26	Raman response in antiferromagnetic two-leg $S = 1/2$ Heisenberg ladders. <i>Europhysics Letters</i> , 2001, 56, 877-883.	2.0	53
27	Signatures of nonadiabatic BCS state dynamics in pump-probe conductivity. <i>Physical Review B</i> , 2014, 90, .	3.2	49
28	Optimization of short coherent control pulses. <i>Physical Review A</i> , 2008, 77, .	2.5	48
29	Single-particle dynamics in the vicinity of the Mott-Hubbard metal-to-insulator transition. <i>Physical Review B</i> , 2008, 77, .	3.2	48
30	High order perturbation theory for spectral densities of multi-particle excitations: $S = \frac{1}{2}$ two-leg Heisenberg ladder. <i>European Physical Journal B</i> , 2003, 36, 525-544.	1.5	45
31	Self-consistent spin-wave theory for a frustrated Heisenberg model with biquadratic exchange in the columnar phase and its application to iron pnictides. <i>Physical Review B</i> , 2011, 84, .	3.2	43
32	Systematic mapping of the Hubbard model to the generalized $t\hat{t}^{\prime}$ model. <i>Physical Review B</i> , 2004, 70, .	3.2	42
33	Interaction quenches of Fermi gases. <i>Physical Review A</i> , 2009, 80, .	2.5	42
34	Dynamics and decoherence in the central spin model in the low-field limit. <i>Physical Review B</i> , 2013, 88, .	3.2	41
35	Evidence for a large magnetic heat current in insulating layered cuprates. <i>Physical Review B</i> , 2003, 67, .	3.2	40
36	Dynamic Structure Factor of the Two-Dimensional Shastry-Sutherland Model. <i>Physical Review Letters</i> , 2004, 92, 027204.	7.8	40

#	ARTICLE	IF	CITATIONS
37	Adapted continuous unitary transformation to treat systems with quasi-particles of finite lifetime. <i>New Journal of Physics</i> , 2010, 12, 033048.	2.9	39
38	Inhibition of phase separation and appearance of new phases for interacting spinless fermions. <i>Physical Review Letters</i> , 1993, 71, 271-274.	7.8	38
39	High-energy dynamics of the single-impurity Anderson model. <i>Physical Review B</i> , 2004, 69, .	3.2	38
40	Roton Minimum as a Fingerprint of Magnon-Higgs Scattering in Ordered Quantum Antiferromagnets. <i>Physical Review Letters</i> , 2015, 115, 207202.	7.8	38
41	Mutually attracting spin waves in the square-lattice quantum antiferromagnet. <i>SciPost Physics</i> , 2018, 4, .	4.9	37
42	Magnetic properties of $(VO)_2P_2O_7$ from frustrated interchain coupling. <i>Physical Review B</i> , 1998, 58, R14705-R14708.	3.2	35
43	Efficient coherent control by sequences of pulses of finite duration. <i>New Journal of Physics</i> , 2010, 12, 045001.	2.9	34
44	Spectral properties of the dimerized and frustrated $S=1/2$ chain. <i>Physical Review B</i> , 2004, 69, .	3.2	33
45	Enhanced perturbative continuous unitary transformations. <i>Physical Review B</i> , 2012, 86, .	3.2	32
46	Spectral densities from dynamic density-matrix renormalization. <i>European Physical Journal B</i> , 2005, 45, 293-303.	1.5	31
47	Neutron scattering evidence for isolated spin-1 ladders in $(C_5D_{12}N)_2CuBr_4$ . <i>Physical Review B</i> , 2009, 80, .	3.2	31
48	The quartic oscillator: a non-perturbative study by continuous unitary transformations. <i>Journal of Physics A</i> , 2004, 37, 9275-9294.	1.6	30
49	Emergent Collective Modes and Kinks in Electronic Dispersions. <i>Physical Review Letters</i> , 2009, 102, 076406.	7.8	30
50	Rigorous bounds for optimal dynamical decoupling. <i>Physical Review A</i> , 2010, 82, .	2.5	29
51	From quantum-mechanical to classical dynamics in the central-spin model. <i>Physical Review B</i> , 2014, 90, .	3.2	29
52	Tunable edge states and their robustness towards disorder. <i>Physical Review B</i> , 2017, 95, .	3.2	29
53	Rung-singlet phase of the $S=1$ two-leg spin-ladder with four-spin cyclic exchange. <i>Physical Review B</i> , 2003, 67, .	3.2	28
54	Dynamical transition in interaction quenches of the one-dimensional Hubbard model. <i>Physical Review B</i> , 2013, 87, .	3.2	28

#	ARTICLE	IF	CITATIONS
55	Temperature in one-dimensional bosonic Mott insulators. <i>Physical Review A</i> , 2005, 72, .	2.5	27
56	Observation of Three-Magnon Light Scattering in $\text{CuGeO}_3$ . <i>Physical Review Letters</i> , 1997, 79, 5138-5141.	7.8	26
57	Topological magnon bands for magnonics. <i>Physical Review B</i> , 2019, 99, .	3.2	26
58	Topological magnetic excitations. <i>Europhysics Letters</i> , 2020, 132, 20003.	2.0	25
59	Three-dimensional generalization of the $J_1$ - $J_2$ Heisenberg model on a square lattice and role of the interlayer coupling $J_c$ . <i>Physical Review B</i> , 2011, 83, .	3.2	24
60	Collective orbital excitations in orbitally ordered $\text{YVO}_3$ and $\text{HoVO}_3$ . <i>New Journal of Physics</i> , 2008, 10, 053027.	2.9	23
61	Conservation laws protect dynamic spin correlations from decay: Limited role of integrability in the central spin model. <i>Physical Review B</i> , 2014, 90, .	3.2	23
62	Thermodynamic properties of the dimerized and frustrated $S=1/2$ chain. <i>Physical Review B</i> , 2001, 64, .	3.2	22
63	Interaction quenches in the two-dimensional fermionic Hubbard model. <i>Physical Review B</i> , 2014, 89, .	3.2	22
64	Magnetic properties of $(\text{VO})_2\text{P}_2\text{O}_7$ : Two-plane structure and spin-phonon interactions. <i>Physical Review B</i> , 2001, 63, .	3.2	21
65	Neutron scattering from a coordination polymer quantum paramagnet. <i>Physical Review B</i> , 2006, 74, .	3.2	21
66	Spin-phonon chains with bond coupling. <i>Physical Review B</i> , 2002, 65, .	3.2	20
67	Effects of ring exchange interaction on the Néel phase of two-dimensional, spatially anisotropic, frustrated Heisenberg quantum antiferromagnet. <i>Physical Review B</i> , 2012, 85, .	3.2	20
68	Quantum model for mode locking in pulsed semiconductor quantum dots. <i>Physical Review B</i> , 2016, 94, .	3.2	20
69	Exact Single Spin Flip for the Hubbard Model $\text{ind}=\hat{z}$ . <i>Physical Review Letters</i> , 1996, 77, 3629-3632.	7.8	19
70	A magnetic model for the incommensurate I phase of spin-Peierls systems. <i>Europhysics Letters</i> , 1998, 41, 431-436.	2.0	19
71	Soliton lattices in the incommensurate spin-Peierls phase: Local distortions and magnetizations. <i>Physical Review B</i> , 1999, 60, 9468-9476.	3.2	19
72	Generalization of short coherent control pulses: extension to arbitrary rotations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 312005.	2.1	18

#	ARTICLE	IF	CITATIONS
73	PERFECT STATE TRANSFER IN XX CHAINS INDUCED BY BOUNDARY MAGNETIC FIELDS. International Journal of Quantum Information, 2012, 10, 1250029.	1.1	18
74	Influence of the nuclear Zeeman effect on mode locking in pulsed semiconductor quantum dots. Physical Review B, 2017, 96, .	3.2	18
75	Nonexistence of planar magnetic order in the one- and two-dimensional generalized Hubbard model at finite temperatures. Physical Review B, 1992, 45, 4738-4740.	3.2	17
76	1/d corrections for interacting spinless fermions: One-particle properties. European Physical Journal B, 1994, 94, 291-299.	1.5	17
77	Charge-Order-Induced Sharp Raman Peak in Sr14Cu24O41. Physical Review Letters, 2003, 90, 167201.	7.8	17
78	Optimized pulses for the perturbative decoupling of a spin and a decoherence bath. Physical Review A, 2009, 80, .	2.5	17
79	Derivation of the $\langle t \rangle$ for finite doping. Physical Review B, 2010, 82, .	3.2	17
80	Microscopic model for Bose-Einstein condensation and quasiparticle decay. Europhysics Letters, 2011, 96, 47001.	2.0	17
81	Magnetic excitations in the chain compound $\text{BaCu}_2\text{V}_2\text{O}_8$ . Physical Review B, 2016, 93, .	3.2	17
82	Magnetic field dependence of the electron spin revival amplitude in periodically pulsed quantum dots. Physical Review B, 2018, 98, .	3.2	17
83	Topological superconductivity induced by a triple- $q$ magnetic structure. Physical Review B, 2020, 102, .	3.2	17
84	Dopant-bound spinons in $\text{Cu}_1\hat{a}^x\text{Zn}_x\text{GeO}_3$ . Europhysics Letters, 1998, 43, 463-468.	2.0	16
85	Spin-wave velocities, density of magnetic excitations, and NMR relaxation in iron pnictides. Physical Review B, 2009, 80, .	3.2	16
86	Optimized dynamical decoupling for time-dependent Hamiltonians. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 132001.	2.1	16
87	Magnetic Excitations in Bilayer High-Temperature Superconductors with Stripe Correlations. Journal of the Physical Society of Japan, 2005, 74, 86-97.	1.6	15
88	Numerical analysis of optimized coherent control pulses. Physical Review A, 2008, 78, .	2.5	15
89	High-order coherent control sequences of finite-width pulses. Europhysics Letters, 2011, 96, 10003.	2.0	15
90	One-dimensional fermionic systems after interaction quenches and their description by bosonic field theories. New Journal of Physics, 2013, 15, 073012.	2.9	15

#	ARTICLE	IF	CITATIONS
91	Exchange-mediated magnetic blue-shift of the band-gap energy in the antiferromagnetic semiconductor MnTe. <i>New Journal of Physics</i> , 2020, 22, 083029.	2.9	15
92	Kinks in the electronic dispersion of the Hubbard model away from half filling. <i>Physical Review B</i> , 2011, 84, .	3.2	14
93	Dispersive excitations in one-dimensional ionic Hubbard model. <i>Physical Review B</i> , 2014, 89, .	3.2	14
94	Anomalous effects in interacting spinless fermion systems with local disorder. <i>Journal of Physics Condensed Matter</i> , 1992, 4, 7773-7794.	1.8	13
95	Symmetries and triplet dispersion in a modified Shastry-Sutherland model for SrCu <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , 2000, 12, 9069-9083.	1.8	13
96	Landau's Quasiparticle Mapping: Fermi Liquid Approach and Luttinger Liquid Behavior. <i>Physical Review Letters</i> , 2002, 88, 146401.	7.8	13
97	Magnetic excitations in two-leg spin 1/2 ladders: experiment and theory. <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 2167-2173.	4.0	13
98	Generic susceptibilities of the half-filled Hubbard model in infinite dimensions. <i>Physical Review B</i> , 2009, 79, .	3.2	13
99	Persisting correlations of a central spin coupled to large spin baths. <i>Physical Review B</i> , 2016, 94, .	3.2	13
100	Emergence of Floquet behavior for lattice fermions driven by light pulses. <i>Physical Review B</i> , 2018, 98, .	3.2	13
101	Nuclear frequency focusing in periodically pulsed semiconductor quantum dots described by infinite classical central spin models. <i>Physical Review B</i> , 2018, 98, .	3.2	13
102	Positivity of the Spectral Densities of Retarded Floquet Green Functions. <i>Physical Review Letters</i> , 2019, 122, 130604.	7.8	13
103	Efficient algorithms for the dynamics of large and infinite classical central spin models. <i>Physical Review B</i> , 2017, 96, .	3.2	12
104	Zero and finite temperature phase diagram of the spinless fermion model in infinite dimensions. <i>Annalen Der Physik</i> , 1995, 507, 778-804.	2.4	11
105	Drude weight and dc conductivity of correlated electrons. <i>Physical Review B</i> , 1995, 52, 5617-5623.	3.2	11
106	Frequency-modulated pulses for quantum bits coupled to time-dependent baths. <i>Physical Review A</i> , 2012, 85, .	2.5	11
107	Finite-temperature line shapes of hard-core bosons in quantum magnets: A diagrammatic approach tested in one dimension. <i>Physical Review B</i> , 2014, 90, .	3.2	11
108	Orientational bond and Néel order in the two-dimensional ionic Hubbard model. <i>Physical Review B</i> , 2016, 93, .	3.2	11

#	ARTICLE	IF	CITATIONS
109	Lattice-driven femtosecond magnon dynamics in $\text{MnTe}$ . Physical Review B, 2021, 104, .	3.2	10
110	Interacting spinless fermions with disorder: the Mott transition for infinite coordination number. Journal of Physics Condensed Matter, 1993, 5, 2561-2582.	1.8	10
111	Thermodynamics of adiabatically loaded cold bosons in the Mott insulating phase of one-dimensional optical lattices. European Physical Journal D, 2006, 38, 343-352.	1.3	10
112	Fate of orbitons coupled to phonons. Physical Review B, 2007, 76, .	3.2	10
113	Multiparticle spectral properties in the transverse field Ising model by continuous unitary transformations. Physical Review B, 2013, 87, .	3.2	10
114	Spin inertia and polarization recovery in quantum dots: Role of pumping strength and resonant spin amplification. Physical Review Research, 2019, 1, .	3.6	10
115	Femtosecond phononic coupling to both spins and charges in a room-temperature antiferromagnetic semiconductor. Physical Review B, 2021, 104, .	3.2	10
116	Conductivity in a symmetry-broken phase: Spinless fermions with $1/d$ corrections. Physical Review B, 1996, 54, 10436-10451.	3.2	8
117	Berry's Phase for Large Spins in External Fields. Physical Review Letters, 1998, 80, 1304-1307.	7.8	8
118	Vertex corrections in the dynamic structure factor in spin ladders. Physical Review B, 2010, 82, .	3.2	8
119	Effective models for Anderson impurity and Kondo problems from continuous unitary transformations. Physical Review B, 2015, 91, .	3.2	8
120	Minimal model for the frustrated spin ladder system $\text{BiCu}_2\text{PO}_6$ . Physical Review B, 2016, 94, .	3.2	8
121	Delocalization of edge states in topological phases. Europhysics Letters, 2019, 127, 27001.	2.0	8
122	Interplay of spin mode locking and nuclei-induced frequency focusing in quantum dots. Physical Review B, 2020, 102, .	3.2	8
123	Triplet dispersion in $\text{CuGeO}_3$ : Perturbative analysis. Physical Review B, 2001, 63, .	3.2	7
124	Exact results on dynamical decoupling by $\pi$ pulses in quantum information processes. New Journal of Physics, 2011, 13, 059504.	2.9	7
125	Varied perturbation theory for the dispersion dip in the two-dimensional Heisenberg quantum antiferromagnet. European Physical Journal B, 2013, 86, 1.	1.5	7
126	Increased coherence time in narrowed bath states in quantum dots. Physical Review B, 2016, 94, .	3.2	7



#	ARTICLE	IF	CITATIONS
127	Quantum mechanical treatment of large spin baths. Physical Review B, 2018, 97, .	3.2	7
128	Spin Waves in Quantum Antiferromagnets. Europhysics Letters, 1995, 31, 37-42.	2.0	6
129	Multi-particle excitations and spectral densities in quantum spin-systems. Physica B: Condensed Matter, 2002, 312-313, 527-528.	2.7	6
130	Truncation errors in self-similar continuous unitary transformations. European Physical Journal B, 2011, 79, 225-240.	1.5	6
131	Low-temperature thermodynamics of multiflavored hardcore bosons by the BrÄ¼ckner approach. Physical Review B, 2015, 92, .	3.2	6
132	From gapped excitons to gapless triplons in one dimension. European Physical Journal B, 2015, 88, 1.	1.5	6
133	Tunable and direction-dependent group velocities in topologically protected edge states. Physical Review B, 2016, 93, .	3.2	6
134	Singlet exciton condensation and bond-order-wave phase in the extended Hubbard model. Physical Review B, 2017, 96, .	3.2	6
135	Comparison of the iterated equation of motion approach and the density matrix formalism for the quantum Rabi model. European Physical Journal B, 2017, 90, 1.	1.5	6
136	Time-crystalline behavior in an engineered spin chain. Physical Review B, 2019, 100, .	3.2	6
137	Thermodynamic properties of spin ladders with cyclic exchange. Physical Review B, 2003, 67, .	3.2	5
138	Optical Spectroscopy of Low-Dimensional Quantum Spin Systems. Advances in Solid State Physics, 0, , 95-112.	0.8	5
139	Hole dispersions for antiferromagnetic spin-hbox{\$\frac{1}{2}\$} two-leg ladders by self-similar continuous unitary transformations. European Physical Journal B, 2011, 84, 475-490.	1.5	5
140	Rigorous performance bounds for quadratic and nested dynamical decoupling. Physical Review A, 2011, 84, .	2.5	5
141	Topologically nontrivial Hofstadter bands on the kagome lattice. Physical Review A, 2016, 93, .	2.5	5
142	Quantum coherence from commensurate driving with laser pulses and decay. SciPost Physics, 2020, 8, .	4.9	5
143	Absence of localized edge modes in spite of a non-trivial Zak phase in BiCu <sub>2</sub> PO <sub>6</sub> . Physical Review Research, 2019, 1, .	3.6	5
144	Magnetic blue shift of Mott gaps enhanced by double exchange. Physical Review Research, 2021, 3, .	3.6	5

#	ARTICLE	IF	CITATIONS
145	Fermionic lattice models with internally competing symmetries: Nontrivial algebraic corrections in the Hartree-Fock ground-state energy. <i>Physical Review B</i> , 1992, 46, 9940-9945.	3.2	4
146	Ordered phases in spin-Peierls systems. <i>Physica B: Condensed Matter</i> , 2000, 280, 308-312.	2.7	4
147	Hard-core magnons in the $S=1/2$ Heisenberg model on the square lattice. <i>Physical Review B</i> , 2006, 73, .	3.2	4
148	Effective one-dimensional models from matrix product states. <i>European Physical Journal B</i> , 2015, 88, 1.	1.5	4
149	Time-dependent correlations in quantum magnets at finite temperature. <i>Physical Review B</i> , 2016, 94, .	3.2	4
150	Strong quenches in the one-dimensional Fermi-Hubbard model. <i>Physical Review A</i> , 2018, 98, .	2.5	4
151	Nuclear magnetic resonance spectroscopy of nonequilibrium steady states in quantum dots. <i>Europhysics Letters</i> , 2021, 133, 57003.	2.0	4
152	Tunable dispersion of the edge states in the integer quantum Hall effect. <i>SciPost Physics</i> , 2017, 3, .	4.9	4
153	Dynamic mean-field theory for dense spin systems at infinite temperature. <i>Physical Review Research</i> , 2021, 3, .	3.6	4
154	Two dimensionality of magnetic excitations on the trellis lattice: $(\text{La,Sr,Ca})_{14}\text{Cu}_{24}\text{O}_{41}$ and $\text{SrCu}_2\text{O}_3$ . <i>Physical Review B</i> , 2007, 75, .	3.2	3
155	Massive spinons in $S=1/2$ spin chains: Spinon-pair operator representation. <i>Physical Review B</i> , 2017, 95, .	3.2	3
156	Comment on "Robustness of a Local Fermi Liquid against Ferromagnetism and Phase Separation". <i>Physical Review Letters</i> , 1999, 83, 2865-2865.	7.8	2
157	Modulated phases in spin-Peierls systems. , 1999, , 291-300.		2
158	Thermodynamics of a spin-1/2 chain coupled to Einstein phonons. <i>Physical Review B</i> , 2004, 70, .	3.2	2
159	Anomalous behavior of control pulses in presence of noise with singular autocorrelation. <i>Journal of Magnetic Resonance</i> , 2014, 245, 133-142.	2.1	2
160	Probing thermalization in quenched integrable and nonintegrable Fermi-Hubbard models. <i>Physical Review A</i> , 2020, 102, .	2.5	2
161	Conductivity of interacting spinless fermion systems via the high-dimensional approach. <i>Physica B: Condensed Matter</i> , 1995, 206-207, 698-701.	2.7	1
162	Symmetry-enhanced performance of dynamical decoupling. <i>Physical Review A</i> , 2011, 84, .	2.5	1

#	ARTICLE	IF	CITATIONS
163	Effects of interactions on dynamic correlations of hard-core bosons at finite temperatures. Physical Review B, 2017, 96, .	3.2	1
164	Tunable Signal Velocity in the Integer Quantum Hall Effect of Tailored Graphene. Journal of the Physical Society of Japan, 2020, 89, 054705.	1.6	1
165	Resonant spin amplification in Faraday geometry. Physical Review B, 2021, 103, .	3.2	1
166	Charge dynamics in magnetically disordered Mott insulators. Physical Review B, 2022, 105, .	3.2	1
167	Nachruf auf Heinzâ€rger Schulz. Physik Journal, 1999, 55, 58-58.	0.1	0
168	SrCu <sub>2</sub> (BO <sub>3</sub> ) <sub>2</sub> Â– a two-dimensional spin liquid. Canadian Journal of Physics, 2001, 79, 1565-1571.	1.1	0