

Frank Verstraete

List of Publications by Year in descending order

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197
papers

21,002
citations

9756

73
h-index

10127

140
g-index

197
all docs

197
docs citations

197
times ranked

7040
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix product states, projected entangled pair states, and variational renormalization group methods for quantum spin systems. <i>Advances in Physics</i> , 2008, 57, 143-224.	35.9	1,210
2	Quantum computation and quantum-state engineering driven by dissipation. <i>Nature Physics</i> , 2009, 5, 633-636.	6.5	1,092
3	Matrix Product Density Operators: Simulation of Finite-Temperature and Dissipative Systems. <i>Physical Review Letters</i> , 2004, 93, 207204.	2.9	724
4	General Monogamy Inequality for Bipartite Qubit Entanglement. <i>Physical Review Letters</i> , 2006, 96, 220503.	2.9	559
5	Four qubits can be entangled in nine different ways. <i>Physical Review A</i> , 2002, 65, .	1.0	499
6	Matrix product states represent ground states faithfully. <i>Physical Review B</i> , 2006, 73, .	1.1	484
7	Area Laws in Quantum Systems: Mutual Information and Correlations. <i>Physical Review Letters</i> , 2008, 100, 070502.	2.9	458
8	Density Matrix Renormalization Group and Periodic Boundary Conditions: A Quantum Information Perspective. <i>Physical Review Letters</i> , 2004, 93, 227205.	2.9	455
9	Time-Dependent Variational Principle for Quantum Lattices. <i>Physical Review Letters</i> , 2011, 107, 070601.	2.9	450
10	Lieb-Robinson Bounds and the Generation of Correlations and Topological Quantum Order. <i>Physical Review Letters</i> , 2006, 97, 050401.	2.9	435
11	Criticality, the Area Law, and the Computational Power of Projected Entangled Pair States. <i>Physical Review Letters</i> , 2006, 96, 220601.	2.9	422
12	Classical Simulation of Infinite-Size Quantum Lattice Systems in Two Spatial Dimensions. <i>Physical Review Letters</i> , 2008, 101, 250602.	2.9	413
13	Unifying time evolution and optimization with matrix product states. <i>Physical Review B</i> , 2016, 94, .	1.1	387
14	Entanglement versus Correlations in Spin Systems. <i>Physical Review Letters</i> , 2004, 92, 027901.	2.9	377
15	Discriminating States: The Quantum Chernoff Bound. <i>Physical Review Letters</i> , 2007, 98, 160501.	2.9	341
16	Diverging Entanglement Length in Gapped Quantum Spin Systems. <i>Physical Review Letters</i> , 2004, 92, 087201.	2.9	315
17	Renormalization and tensor product states in spin chains and lattices. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009, 42, 504004.	0.7	314
18	Simulating lattice gauge theories within quantum technologies. <i>European Physical Journal D</i> , 2020, 74, 1.	0.6	272

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19	Maximal entanglement versus entropy for mixed quantum states. <i>Physical Review A</i> , 2003, 67, .	1.0	262
20	Valence-bond states for quantum computation. <i>Physical Review A</i> , 2004, 70, .	1.0	258
21	Entropy Scaling and Simulability by Matrix Product States. <i>Physical Review Letters</i> , 2008, 100, 030504.	2.9	250
22	Matrix product operator representations. <i>New Journal of Physics</i> , 2010, 12, 025012.	1.2	224
23	Entanglement spectrum and boundary theories with projected entangled-pair states. <i>Physical Review B</i> , 2011, 83, .	1.1	223
24	Matrix product states and projected entangled pair states: Concepts, symmetries, theorems. <i>Reviews of Modern Physics</i> , 2021, 93, .	16.4	221
25	Tensor product methods and entanglement optimization for <i>ab initio</i> quantum chemistry. <i>International Journal of Quantum Chemistry</i> , 2015, 115, 1342-1391.	1.0	205
26	Variational study of hard-core bosons in a two-dimensional optical lattice using projected entangled pair states. <i>Physical Review A</i> , 2007, 75, .	1.0	200
27	Normal forms and entanglement measures for multipartite quantum states. <i>Physical Review A</i> , 2003, 68, .	1.0	198
28	Sequential Generation of Entangled Multiqubit States. <i>Physical Review Letters</i> , 2005, 95, 110503.	2.9	198
29	Localizable entanglement. <i>Physical Review A</i> , 2005, 71, .	1.0	186
30	Continuous Matrix Product States for Quantum Fields. <i>Physical Review Letters</i> , 2010, 104, 190405.	2.9	184
31	Computational Complexity of Projected Entangled Pair States. <i>Physical Review Letters</i> , 2007, 98, 140506.	2.9	179
32	Fermionic projected entangled pair states. <i>Physical Review A</i> , 2010, 81, .	1.0	170
33	Quantum Metropolis sampling. <i>Nature</i> , 2011, 471, 87-90.	13.7	169
34	Maximally entangled mixed states of two qubits. <i>Physical Review A</i> , 2001, 64, .	1.0	168
35	Asymptotic Error Rates in Quantum Hypothesis Testing. <i>Communications in Mathematical Physics</i> , 2008, 279, 251-283.	1.0	164
36	Entanglement Renormalization for Quantum Fields in Real Space. <i>Physical Review Letters</i> , 2013, 110, 100402.	2.9	164

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37	String Order and Symmetries in Quantum Spin Lattices. Physical Review Letters, 2008, 100, 167202.	2.9	163
38	Computational complexity of interacting electrons and fundamental limitations of density functional theory. Nature Physics, 2009, 5, 732-735.	6.5	163
39	Entanglement versus Bell Violations and Their Behavior under Local Filtering Operations. Physical Review Letters, 2002, 89, 170401.	2.9	158
40	Quantum Simulation of Time-Dependent Hamiltonians and the Convenient Illusion of Hilbert Space. Physical Review Letters, 2011, 106, 170501.	2.9	157
41	Simulating strongly correlated quantum systems with tree tensor networks. Physical Review B, 2010, 82, .	1.1	155
42	Local filtering operations on two qubits. Physical Review A, 2001, 64, .	1.0	153
43	Post-matrix product state methods: To tangent space and beyond. Physical Review B, 2013, 88, .	1.1	151
44	Renormalization-Group Transformations on Quantum States. Physical Review Letters, 2005, 94, 140601.	2.9	150
45	Variational optimization algorithms for uniform matrix product states. Physical Review B, 2018, 97, .	1.1	135
46	Quantum Computational Complexity of the N-Representability Problem: QMA Complete. Physical Review Letters, 2007, 98, 110503.	2.9	129
47	A comparison of the entanglement measures negativity and concurrence. Journal of Physics A, 2001, 34, 10327-10332.	1.6	127
48	Gradient methods for variational optimization of projected entangled-pair states. Physical Review B, 2016, 94, .	1.1	127
49	Optimal Teleportation with a Mixed State of Two Qubits. Physical Review Letters, 2003, 90, 097901.	2.9	125
50	Mapping local Hamiltonians of fermions to local Hamiltonians of spins. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P09012-P09012.	0.9	118
51	Variational characterizations of separability and entanglement of formation. Physical Review A, 2001, 64, .	1.0	117
52	Separable States Can Be Used To Distribute Entanglement. Physical Review Letters, 2003, 91, 037902.	2.9	117
53	Tangent-space methods for uniform matrix product states. SciPost Physics Lecture Notes, 0, , .	0.0	116
54	Matrix Product States for Dynamical Simulation of Infinite Chains. Physical Review Letters, 2009, 102, 240603.	2.9	115

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55	Entanglement of assistance and multipartite state distillation. <i>Physical Review A</i> , 2005, 72, .	1.0	113
56	Matrix Product States for Gauge Field Theories. <i>Physical Review Letters</i> , 2014, 113, 091601.	2.9	110
57	Simulation of interacting fermions with entanglement renormalization. <i>Physical Review A</i> , 2010, 81, .	1.0	108
58	Quantum Phase Transitions in Matrix Product Systems. <i>Physical Review Letters</i> , 2006, 97, 110403.	2.9	107
59	Exploring frustrated spin systems using projected entangled pair states. <i>Physical Review B</i> , 2009, 79, .	1.1	103
60	Variational matrix-product-state approach to quantum impurity models. <i>Physical Review B</i> , 2009, 80, .	1.1	101
61	Variational matrix product ansatz for dispersion relations. <i>Physical Review B</i> , 2012, 85, .	1.1	101
62	Matrix product unitaries: structure, symmetries, and topological invariants. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 083105.	0.9	101
63	Matrix product states for critical spin chains: Finite-size versus finite-entanglement scaling. <i>Physical Review B</i> , 2012, 86, .	1.1	100
64	Quantum circuits for strongly correlated quantum systems. <i>Physical Review A</i> , 2009, 79, .	1.0	99
65	Constructing a Gapless Spin-1 Liquid State for the Spin-1 \mathbb{Z}_2 Model on a Square Lattice. <i>Physical Review Letters</i> , 2013, 111, 037202.	2.9	98
66	Simulation of Quantum Many-Body Systems with Strings of Operators and Monte-Carlo Tensor Contractions. <i>Physical Review Letters</i> , 2008, 100, 040501.	2.9	96
67	Creation, Manipulation, and Detection of Abelian and Non-Abelian Anyons in Optical Lattices. <i>Physical Review Letters</i> , 2008, 101, 260501.	2.9	90
68	Approximating Gibbs states of local Hamiltonians efficiently with projected entangled pair states. <i>Physical Review B</i> , 2015, 91, .	1.1	87
69	Quantum Nonlocality in the Presence of Superselection Rules and Data Hiding Protocols. <i>Physical Review Letters</i> , 2003, 91, 010404.	2.9	82
70	Complete-graph tensor network states: a new fermionic wave function ansatz for molecules. <i>New Journal of Physics</i> , 2010, 12, 103008.	1.2	82
71	Anyons and matrix product operator algebras. <i>Annals of Physics</i> , 2017, 378, 183-233.	1.0	82
72	Quantum entanglement theory in the presence of superselection rules. <i>Physical Review A</i> , 2004, 70, .	1.0	81

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73	Gauging Quantum States: From Global to Local Symmetries in Many-Body Systems. <i>Physical Review X</i> , 2015, 5, .	2.8	79
74	Nonlocal Resources in the Presence of Superselection Rules. <i>Physical Review Letters</i> , 2004, 92, 087904.	2.9	78
75	Faster methods for contracting infinite two-dimensional tensor networks. <i>Physical Review B</i> , 2018, 98, .	1.1	71
76	Tensor-product state approach to spin- $\frac{1}{2}$ Heisenberg model: Evidence for deconfined quantum criticality. <i>Physical Review B</i> , 2016, 94, .		70
77	Diagonalizing Transfer Matrices and Matrix Product Operators: A Medley of Exact and Computational Methods. <i>Annual Review of Condensed Matter Physics</i> , 2017, 8, 355-406.	5.2	70
78	Exploiting Quantum Parallelism to Simulate Quantum Random Many-Body Systems. <i>Physical Review Letters</i> , 2005, 95, 140501.	2.9	69
79	The χ^2 -divergence and mixing times of quantum Markov processes. <i>Journal of Mathematical Physics</i> , 2010, 51, .	0.5	66
80	Excitations and the tangent space of projected entangled-pair states. <i>Physical Review B</i> , 2015, 92, .	1.1	66
81	Fermionic matrix product states and one-dimensional topological phases. <i>Physical Review B</i> , 2017, 95, .	1.1	66
82	Multipartite entanglement in $2\tilde{A}-2\tilde{A}$ -n quantum systems. <i>Physical Review A</i> , 2004, 69, .	1.0	63
83	Finite-temperature mutual information in a simple phase transition. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2012, 2012, P01023.	0.9	63
84	Entanglement Rates and Area Laws. <i>Physical Review Letters</i> , 2013, 111, 170501.	2.9	63
85	Elementary Excitations in Gapped Quantum Spin Systems. <i>Physical Review Letters</i> , 2013, 111, 080401.	2.9	63
86	Monte Carlo simulation with tensor network states. <i>Physical Review B</i> , 2011, 83, .	1.1	62
87	Tree Tensor Network State with Variable Tensor Order: An Efficient Multireference Method for Strongly Correlated Systems. <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 1027-1036.	2.3	62
88	Transfer matrices and excitations with matrix product states. <i>New Journal of Physics</i> , 2015, 17, 053002.	1.2	58
89	Shadows of anyons and the entanglement structure of topological phases. <i>Nature Communications</i> , 2015, 6, 8284.	5.8	56
90	Real-time simulation of the Schwinger effect with matrix product states. <i>Physical Review D</i> , 2017, 96, .	1.6	56

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91	Restricted Boltzmann Machines for Quantum States with Non-Abelian or Anyonic Symmetries. Physical Review Letters, 2020, 124, 097201.	2.9	56
92	Calculus of continuous matrix product states. Physical Review B, 2013, 88, .	1.1	55
93	Finite-representation approximation of lattice gauge theories at the continuum limit with tensor networks. Physical Review D, 2017, 95, .	1.6	54
94	Chebyshev expansion for impurity models using matrix product states. Physical Review B, 2014, 90, .	1.1	53
95	Fidelity of mixed states of two qubits. Physical Review A, 2002, 66, .	1.0	52
96	Local permutations of products of Bell states and entanglement distillation. Physical Review A, 2003, 67, .	1.0	52
97	Holographic Quantum States. Physical Review Letters, 2010, 105, 260401.	2.9	52
98	Conformal data from finite entanglement scaling. Physical Review B, 2015, 91, .	1.1	52
99	Efficient DMFT impurity solver using real-time dynamics with matrix product states. Physical Review B, 2015, 92, .	1.1	51
100	Matrix product density operators: Renormalization fixed points and boundary theories. Annals of Physics, 2017, 378, 100-149.	1.0	51
101	Hamiltonian simulation of the Schwinger model at finite temperature. Physical Review D, 2016, 94, .	1.6	50
102	Renormalization Group Flows of Hamiltonians Using Tensor Networks. Physical Review Letters, 2017, 118, 250602.	2.9	50
103	Ground-State Approximation for Strongly Interacting Spin Systems in Arbitrary Spatial Dimension. Physical Review Letters, 2006, 97, 107206.	2.9	49
104	Lorentz singular-value decomposition and its applications to pure states of three qubits. Physical Review A, 2002, 65, .	1.0	48
105	Confinement and String Breaking for QED_{2+1} the Hamiltonian Picture. Physical Review X, 2016, 6, .	1.1	48
106	Renormalization algorithm for the calculation of spectra of interacting quantum systems. Physical Review B, 2006, 73, .	1.1	47
107	Applying the Variational Principle to T_j Quantum Field Theories. Physical Review Letters, 2010, 105, 251601.	2.9	47
108	Exploiting translational invariance in matrix product state simulations of spin chains with periodic boundary conditions. Physical Review B, 2011, 83, .	1.1	45

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109	Faster identification of optimal contraction sequences for tensor networks. <i>Physical Review E</i> , 2014, 90, 033315.	0.8	44
110	The moduli space of three-qutrit states. <i>Journal of Mathematical Physics</i> , 2004, 45, 4855-4867.	0.5	43
111	On the geometry of entangled states. <i>Journal of Modern Optics</i> , 2002, 49, 1277-1287.	0.6	42
112	Mutual information in classical spin models. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P10011.	0.9	42
113	Matrix product operators for symmetry-protected topological phases: Gauging and edge theories. <i>Physical Review B</i> , 2016, 94, .	1.1	42
114	Fermionic implementation of projected entangled pair states algorithm. <i>Physical Review B</i> , 2010, 81, .	1.1	41
115	Geometry of matrix product states: Metric, parallel transport, and curvature. <i>Journal of Mathematical Physics</i> , 2014, 55, .	0.5	41
116	Entanglement of Distillation for Lattice Gauge Theories. <i>Physical Review Letters</i> , 2016, 117, 131602.	2.9	41
117	Simulating excitation spectra with projected entangled-pair states. <i>Physical Review B</i> , 2019, 99, .	1.1	41
118	Computational Difficulty of Finding Matrix Product Ground States. <i>Physical Review Letters</i> , 2008, 100, 250501.	2.9	40
119	Entanglement flow in multipartite systems. <i>Physical Review A</i> , 2005, 71, .	1.0	38
120	Residual entropies for three-dimensional frustrated spin systems with tensor networks. <i>Physical Review E</i> , 2018, 98, .	0.8	38
121	Scattering particles in quantum spin chains. <i>Physical Review B</i> , 2015, 92, .	1.1	37
122	Quasiparticles in Quantum Spin Chains with Long-Range Interactions. <i>Physical Review Letters</i> , 2018, 121, 090603.	2.9	37
123	Matrix product state based algorithm for determining dispersion relations of quantum spin chains with periodic boundary conditions. <i>Physical Review B</i> , 2012, 85, .	1.1	36
124	Particles, Holes, and Solitons: A Matrix Product State Approach. <i>Physical Review Letters</i> , 2013, 111, 020402.	2.9	36
125	Edge Theories in Projected Entangled Pair State Models. <i>Physical Review Letters</i> , 2014, 112, 036402.	2.9	36
126	T3NS: Three-Legged Tree Tensor Network States. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 2026-2033.	2.3	36

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127	Mapping Topological to Conformal Field Theories through strange Correlators. Physical Review Letters, 2018, 121, 177203.	2.9	36
128	Entanglement phases as holographic duals of anyon condensates. Physical Review B, 2017, 95, .	1.1	35
129	Preparing Projected Entangled Pair States on a Quantum Computer. Physical Review Letters, 2012, 108, 110502.	2.9	34
130	Stochastic exclusion processes versus coherent transport. New Journal of Physics, 2012, 14, 075004.	1.2	33
131	Sensitivity optimization in quantum parameter estimation. Physical Review A, 2001, 64, .	1.0	32
132	Entanglement Frustration for Gaussian States on Symmetric Graphs. Physical Review Letters, 2004, 92, 087903.	2.9	32
133	Variational matrix product ansatz for nonuniform dynamics in the thermodynamic limit. Physical Review B, 2013, 88, .	1.1	32
134	Bridging Perturbative Expansions with Tensor Networks. Physical Review Letters, 2017, 119, 070401.	2.9	30
135	Scaling Hypothesis for Matrix Product States. Physical Review Letters, 2019, 123, 250604.	2.9	30
136	Sequentially generated states for the study of two-dimensional systems. Physical Review A, 2008, 77, .	1.0	29
137	ENTANGLEMENT AND FRUSTRATION IN ORDERED SYSTEMS. International Journal of Quantum Information, 2003, 01, 465-477.	0.6	28
138	Interpolation of recurrence and hashing entanglement distillation protocols. Physical Review A, 2005, 71, .	1.0	28
139	Time evolution of projected entangled pair states in the single-layer picture. Physical Review A, 2011, 83, .	1.0	28
140	Fermionic projected entangled-pair states and topological phases. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 025202.	0.7	28
141	Algebraic Bethe ansatz and tensor networks. Physical Review B, 2012, 86, .	1.1	26
142	Matrix product operator symmetries and intertwiners in string-nets with domain walls. SciPost Physics, 2021, 10, .	1.5	26
143	Efficient Evaluation of Partition Functions of Inhomogeneous Many-Body Spin Systems. Physical Review Letters, 2005, 95, 057206.	2.9	25
144	One-shot entanglement generation over long distances in noisy quantum networks. Physical Review A, 2008, 78, .	1.0	25

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145	Quantum state discrimination bounds for finite sample size. Journal of Mathematical Physics, 2012, 53, .	0.5	25
146	S Matrix from Matrix Product States. Physical Review Letters, 2014, 112, 257202.	2.9	24
147	Topological nature of spinons and holons: Elementary excitations from matrix product states with conserved symmetries. Physical Review B, 2018, 97, .	1.1	24
148	Continuum tensor network field states, path integral representations and spatial symmetries. New Journal of Physics, 2015, 17, 063039.	1.2	23
149	Critical Lattice Model for a Haagerup Conformal Field Theory. Physical Review Letters, 2022, 128, .	2.9	23
150	Entanglement Rates and the Stability of the Area Law for the Entanglement Entropy. Communications in Mathematical Physics, 2016, 346, 35-73.	1.0	21
151	Symmetry breaking and the geometry of reduced density matrices. New Journal of Physics, 2016, 18, 113033.	1.2	20
152	Characterizing Topological Order with Matrix Product Operators. Annales Henri Poincare, 2021, 22, 563-592.	0.8	20
153	Uncertainty and trade-offs in quantum multiparameter estimation. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 244001.	0.7	20
154	PROJECTED ENTANGLED STATES: PROPERTIES AND APPLICATIONS. International Journal of Modern Physics B, 2006, 20, 5142-5153.	1.0	19
155	Tree tensor networks and entanglement spectra. Physical Review B, 2013, 88, .	1.1	18
156	Tensor-network approach to phase transitions in string-net models. Physical Review B, 2019, 100, .	1.1	18
157	Approaching the Kosterlitz-Thouless transition for the classical XY model with tensor networks. Physical Review E, 2019, 100, 062136.	0.8	17
158	Stochastic Matrix Product States. Physical Review Letters, 2010, 104, 210502.	2.9	16
159	Preparing topological projected entangled pair states on a quantum computer. Physical Review A, 2013, 88, .	1.0	16
160	Truncating an exact matrix product state for the XY model: Transfer matrix and its renormalization. Physical Review B, 2015, 92, .	1.1	16
161	Condensation-driven phase transitions in perturbed string nets. Physical Review B, 2017, 96, .	1.1	16
162	Variational Numerical Renormalization Group: Bridging the Gap between NRG and Density Matrix Renormalization Group. Physical Review Letters, 2012, 108, 067202.	2.9	15

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163	Efficient matrix product state methods for extracting spectral information on rings and cylinders. Physical Review B, 2021, 104, .	1.1	15
164	Renormalization algorithm with graph enhancement. Physical Review A, 2009, 79, .	1.0	14
165	Galois Conjugated Tensor Fusion Categories and Nonunitary Conformal Field Theory. Physical Review Letters, 2020, 124, 120601.	2.9	14
166	Continuous matrix product states with periodic boundary conditions and an application to atomtronics. Physical Review B, 2017, 95, .	1.1	14
167	Matrix product state renormalization. Physical Review B, 2016, 94, .	1.1	12
168	Global Anomaly Detection in Two-Dimensional Symmetry-Protected Topological Phases. Physical Review Letters, 2018, 120, 156601.	2.9	12
169	Quantum Gross-Pitaevskii Equation. SciPost Physics, 2017, 3, .	1.5	12
170	Spinon confinement and deconfinement in spin-1 chains. Physical Review B, 2020, 101, .	1.1	11
171	Solving frustrated Ising models using tensor networks. Physical Review Research, 2021, 3, .	1.3	11
172	Direct sampling of projected entangled-pair states. Physical Review B, 2021, 104, .	1.1	11
173	Variational methods for contracting projected entangled-pair states. Physical Review B, 2022, 105, .	1.1	11
174	Quantum chi-squared and goodness of fit testing. Journal of Mathematical Physics, 2015, 56, 012202.	0.5	10
175	Thermal states as convex combinations of matrix product states. Physical Review B, 2018, 98, .	1.1	10
176	Mapping between Morita-equivalent string-net states with a constant depth quantum circuit. Physical Review B, 2022, 105, .	1.1	10
177	Quantum Error Correction Thresholds for the Universal Fibonacci Turaev-Viro Code. Physical Review X, 2022, 12, .	2.8	9
178	Tangent-space methods for truncating uniform MPS. SciPost Physics Core, 2021, 4, .	0.9	8
179	Nested algebraic Bethe ansatz for the supersymmetric $t\hat{J}$ model and tensor networks. Physical Review B, 2015, 91, .	1.1	7
180	Quasiparticle interactions in frustrated Heisenberg chains. Physical Review B, 2016, 93, .	1.1	7

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181	Three-Legged Tree Tensor Networks with SU(2) and Molecular Point Group Symmetry. Journal of Chemical Theory and Computation, 2019, 15, 2996-3007.	2.3	7
182	Real-time scattering of interacting quasiparticles in quantum spin chains. Physical Review Research, 2021, 3, .	1.3	7
183	Symmetric cluster expansions with tensor networks. Physical Review A, 2021, 103, .	1.0	7
184	Variational Optimization of Continuous Matrix Product States. Physical Review Letters, 2022, 128, 020501.	2.9	7
185	Topological aspects of the critical three-state Potts model. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 235002.	0.7	7
186	Worth the wait. Nature Physics, 2015, 11, 524-525.	6.5	6
187	Numerical Computation of Localizable Entanglement in Spin Chains. Applied Physics B: Lasers and Optics, 2006, 82, 225-235.	1.1	5
188	A Tensor Version of the Quantum Wielandt Theorem. SIAM Journal on Matrix Analysis and Applications, 2019, 40, 1125-1130.	0.7	4
189	Lattice regularisation and entanglement structure of the Gross-Neveu model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
190	On the stability of topological order in tensor network states. Physical Review B, 2021, 104, .	1.1	4
191	Entanglement compression in scale space: From the multiscale entanglement renormalization ansatz to matrix product operators. Physical Review B, 2020, 102, .	1.1	3
192	Boundary-field-driven control of discontinuous phase transitions on hyperbolic lattices. Physical Review E, 2016, 94, 022133.	0.8	2
193	Nonlocality in the presence of superselection rules. , 2004, 5468, 93.		1
194	Applying the variational principle to (1+1) dimensional relativistic quantum field theories. , 2011, , .		1
195	ENTANGLEMENT IN MANY-BODY QUANTUM PHYSICS. , 2008, , .		0
196	Linear-Optical Generation of Eigenstates of the Two-SiteXYModel. Physical Review X, 2015, 5, .	2.8	0
197	Variational methods for characterizing matrix product operator symmetries. Physical Review B, 2021, 104, .	1.1	0