Frank Verstraete

List of Publications by Year
in descending order

197	21,002	9756	73	10127	140
papers	citations		h-index		g-index

197	197	197	7040
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Variational Optimization of Continuous Matrix Product States. Physical Review Letters, 2022, 128, 020501.	2.9	7
2	Mapping between Morita-equivalent string-net states with a constant depth quantum circuit. Physical Review B, 2022, 105, .	1.1	10
3	Topological aspects of the critical three-state Potts model. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 235002.	0.7	7
4	Quantum Error Correction Thresholds for the Universal Fibonacci Turaev-Viro Code. Physical Review X, 2022, 12, .	2.8	9
5	Variational methods for contracting projected entangled-pair states. Physical Review B, 2022, 105, .	1.1	11
6	Critical Lattice Model for a Haagerup Conformal Field Theory. Physical Review Letters, 2022, 128, .	2.9	23
7	Characterizing Topological Order with Matrix Product Operators. Annales Henri Poincare, 2021, 22, 563-592.	0.8	20
8	Solving frustrated Ising models using tensor networks. Physical Review Research, 2021, 3, .	1.3	11
9	Real-time scattering of interacting quasiparticles in quantum spin chains. Physical Review Research, 2021, 3, .	1.3	7
10	Tangent-space methods for truncating uniform MPS. SciPost Physics Core, 2021, 4, .	0.9	8
11	Symmetric cluster expansions with tensor networks. Physical Review A, 2021, 103, .	1.0	7
12	Matrix product operator symmetries and intertwiners in string-nets with domain walls. SciPost Physics, 2021, 10, .	1.5	26
13	Lattice regularisation and entanglement structure of the Gross-Neveu model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
14	Efficient matrix product state methods for extracting spectral information on rings and cylinders. Physical Review B, 2021, 104, .	1.1	15
15	Variational methods for characterizing matrix product operator symmetries. Physical Review B, 2021, 104, .	1.1	0
16	Matrix product states and projected entangled pair states: Concepts, symmetries, theorems. Reviews of Modern Physics, 2021, 93, .	16.4	221
17	On the stability of topological order in tensor network states. Physical Review B, 2021, 104, .	1.1	4
18	Direct sampling of projected entangled-pair states. Physical Review B, 2021, 104, .	1.1	11

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19	Simulating lattice gauge theories within quantum technologies. European Physical Journal D, 2020, 74, 1.	0.6	272
20	Entanglement compression in scale space: From the multiscale entanglement renormalization ansatz to matrix product operators. Physical Review B, 2020, 102, .	1.1	3
21	Spinon confinement and deconfinement in spin-1 chains. Physical Review B, 2020, 101, .	1.1	11
22	Galois Conjugated Tensor Fusion Categories and Nonunitary Conformal Field Theory. Physical Review Letters, 2020, 124, 120601.	2.9	14
23	Restricted Boltzmann Machines for Quantum States with Non-Abelian or Anyonic Symmetries. Physical Review Letters, 2020, 124, 097201.	2.9	56
24	Uncertainty and trade-offs in quantum multiparameter estimation. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 244001.	0.7	20
25	A Tensor Version of the Quantum Wielandt Theorem. SIAM Journal on Matrix Analysis and Applications, 2019, 40, 1125-1130.	0.7	4
26	Simulating excitation spectra with projected entangled-pair states. Physical Review B, 2019, 99, .	1.1	41
27	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
28	Approaching the Kosterlitz-Thouless transition for the classical XY model with tensor networks. Physical Review E, 2019, 100, 062136.	0.8	17
29	Scaling Hypothesis for Matrix Product States. Physical Review Letters, 2019, 123, 250604.	2.9	30
30	Tensor-network approach to phase transitions in string-net models. Physical Review B, 2019, 100, .	1.1	18
31	T3NS: Three-Legged Tree Tensor Network States. Journal of Chemical Theory and Computation, 2018, 14, 2026-2033.	2.3	36
32	Global Anomaly Detection in Two-Dimensional Symmetry-Protected Topological Phases. Physical Review Letters, 2018, 120, 156601.	2.9	12
33	Variational optimization algorithms for uniform matrix product states. Physical Review B, 2018, 97, .	1.1	135
34	Fermionic projected entangled-pair states and topological phases. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 025202.	0.7	28
35	Residual entropies for three-dimensional frustrated spin systems with tensor networks. Physical Review E, 2018, 98, .	0.8	38
36	Faster methods for contracting infinite two-dimensional tensor networks. Physical Review B, 2018, 98, .	1.1	71

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37	Thermal states as convex combinations of matrix product states. Physical Review B, 2018, 98, .	1.1	10
38	Mapping Topological to Conformal Field Theories through strange Correlators. Physical Review Letters, 2018, 121, 177203.	2.9	36
39	Quasiparticles in Quantum Spin Chains with Long-Range Interactions. Physical Review Letters, 2018, 121, 090603.	2.9	37
40	Topological nature of spinons and holons: Elementary excitations from matrix product states with conserved symmetries. Physical Review B, 2018, 97, .	1.1	24
41	Anyons and matrix product operator algebras. Annals of Physics, 2017, 378, 183-233.	1.0	82
42	Diagonalizing Transfer Matrices and Matrix Product Operators: A Medley of Exact and Computational Methods. Annual Review of Condensed Matter Physics, 2017, 8, 355-406.	5.2	70
43	Matrix product density operators: Renormalization fixed points and boundary theories. Annals of Physics, 2017, 378, 100-149.	1.0	51
44	Matrix product unitaries: structure, symmetries, and topological invariants. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 083105.	0.9	101
45	Entanglement phases as holographic duals of anyon condensates. Physical Review B, 2017, 95, .	1.1	35
46	Fermionic matrix product states and one-dimensional topological phases. Physical Review B, 2017, 95, .	1.1	66
47	Bridging Perturbative Expansions with Tensor Networks. Physical Review Letters, 2017, 119, 070401.	2.9	30
48	Real-time simulation of the Schwinger effect with matrix product states. Physical Review D, 2017, 96, .	1.6	56
49	Condensation-driven phase transitions in perturbed string nets. Physical Review B, 2017, 96, .	1.1	16
50	Renormalization Group Flows of Hamiltonians Using Tensor Networks. Physical Review Letters, 2017, 118, 250602.	2.9	50
51	Continuous matrix product states with periodic boundary conditions and an application to atomtronics. Physical Review B, 2017, 95, .	1.1	14
52	Finite-representation approximation of lattice gauge theories at the continuum limit with tensor networks. Physical Review D, 2017, 95, .	1.6	54
53	Quantum Gross-Pitaevskii Equation. SciPost Physics, 2017, 3, .	1.5	12
54	Matrix product operators for symmetry-protected topological phases: Gauging and edge theories. Physical Review B, 2016, 94, .	1.1	42

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55	Hamiltonian simulation of the Schwinger model at finite temperature. Physical Review D, 2016, 94, .	1.6	50
56	Matrix product state renormalization. Physical Review B, 2016, 94, .	1.1	12
57	Unifying time evolution and optimization with matrix product states. Physical Review B, 2016, 94, .	1.1	387
58	Boundary-field-driven control of discontinuous phase transitions on hyperbolic lattices. Physical Review E, 2016, 94, 022133.	0.8	2
59	Entanglement of Distillation for Lattice Gauge Theories. Physical Review Letters, 2016, 117, 131602.	2.9	41
60	Entanglement Rates and the Stability of the Area Law for the Entanglement Entropy. Communications in Mathematical Physics, 2016, 346, 35-73.	1.0	21
61	Tensor-product state approach to spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>J</mml:mi><mml:mn>1</mml:mn></mml:msub></mml:mrow></mml:math> Heisenberg model: Evidence for deconfined quantum criticality. Physical Review B, 2016, 94, .	1.1	70
62	Confinement and String Breaking for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>QED</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> in the Hamiltonian Picture. Physical Review X, 2016, 6, .	2.8	48
63	Quasiparticle interactions in frustrated Heisenberg chains. Physical Review B, 2016, 93, .	1.1	7
64	Gradient methods for variational optimization of projected entangled-pair states. Physical Review B, 2016, 94, .	1.1	127
65	Symmetry breaking and the geometry of reduced density matrices. New Journal of Physics, 2016, 18, 113033.	1.2	20
66	Tensor product methods and entanglement optimization for ab initio quantum chemistry. International Journal of Quantum Chemistry, 2015, 115, 1342-1391.	1.0	205
67	Nested algebraic Bethe ansatz for the supersymmetrictâ^'Jmodel and tensor networks. Physical Review B, 2015, 91, .	1.1	7
68	Excitations and the tangent space of projected entangled-pair states. Physical Review B, 2015, 92, .	1.1	66
69	Gauging Quantum States: From Global to Local Symmetries in Many-Body Systems. Physical Review X, 2015, 5, .	2.8	79
70	Scattering particles in quantum spin chains. Physical Review B, 2015, 92, .	1.1	37
71	Efficient DMFT impurity solver using real-time dynamics with matrix product states. Physical Review B, 2015, 92, .	1.1	51
72	Truncating an exact matrix product state for the XY model: Transfer matrix and its renormalization. Physical Review B, 2015, 92, .	1.1	16

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73	Shadows of anyons and the entanglement structure of topological phases. Nature Communications, 2015, 6, 8284.	5.8	56
74	Tree Tensor Network State with Variable Tensor Order: An Efficient Multireference Method for Strongly Correlated Systems. Journal of Chemical Theory and Computation, 2015, 11, 1027-1036.	2.3	62
75	Conformal data from finite entanglement scaling. Physical Review B, 2015, 91, .	1.1	52
76	Approximating Gibbs states of local Hamiltonians efficiently with projected entangled pair states. Physical Review B, 2015, 91, .	1.1	87
77	Transfer matrices and excitations with matrix product states. New Journal of Physics, 2015, 17, 053002.	1.2	58
78	Worth the wait. Nature Physics, 2015, 11, 524-525.	6.5	6
79	Linear-Optical Generation of Eigenstates of the Two-SiteXYModel. Physical Review X, 2015, 5, .	2.8	0
80	Continuum tensor network field states, path integral representations and spatial symmetries. New Journal of Physics, 2015, 17, 063039.	1.2	23
81	Quantum chi-squared and goodness of fit testing. Journal of Mathematical Physics, 2015, 56, 012202.	0.5	10
82	Edge Theories in Projected Entangled Pair State Models. Physical Review Letters, 2014, 112, 036402.	2.9	36
83	Faster identification of optimal contraction sequences for tensor networks. Physical Review E, 2014, 90, 033315.	0.8	44
84	Geometry of matrix product states: Metric, parallel transport, and curvature. Journal of Mathematical Physics, 2014, 55, .	0.5	41
85	Matrix Product States for Gauge Field Theories. Physical Review Letters, 2014, 113, 091601.	2.9	110
86	Chebyshev expansion for impurity models using matrix product states. Physical Review B, 2014, 90, .	1.1	53
87	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi></mml:math>Matrix from Matrix Product States. Physical Review Letters, 2014, 112, 257202.	2.9	24
88	Particles, Holes, and Solitons: A Matrix Product State Approach. Physical Review Letters, 2013, 111, 020402.	2.9	36
89	Preparing topological projected entangled pair states on a quantum computer. Physical Review A, 2013, 88, .	1.0	16
90	Variational matrix product ansatz for nonuniform dynamics in the thermodynamic limit. Physical Review B, 2013, 88, .	1.1	32

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91	Entanglement Renormalization for Quantum Fields in Real Space. Physical Review Letters, 2013, 110, 100402.	2.9	164
92	Calculus of continuous matrix product states. Physical Review B, 2013, 88, .	1.1	55
93	Post-matrix product state methods: To tangent space and beyond. Physical Review B, 2013, 88, .	1.1	151
94	Entanglement Rates and Area Laws. Physical Review Letters, 2013, 111, 170501.	2.9	63
95	Constructing a Gapless Spin Liquid State for the Spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>2</mml:mn></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>J</mml:mi><mml:mn>1</mml:mn></mml:msub><mml:mo>â^'</mml:mo><mml:msub><mml:mi Model on a Square Lattice. Physical Review Letters, 2013, 111, 037202.	2.9	98
96	Elementary Excitations in Gapped Quantum Spin Systems. Physical Review Letters, 2013, 111, 080401.	2.9	63
97	Tree tensor networks and entanglement spectra. Physical Review B, 2013, 88, .	1.1	18
98	Variational matrix product ansatz for dispersion relations. Physical Review B, 2012, 85, .	1.1	101
99	Matrix product states for critical spin chains: Finite-size versus finite-entanglement scaling. Physical Review B, 2012, 86, .	1.1	100
100	Matrix product state based algorithm for determining dispersion relations of quantum spin chains with periodic boundary conditions. Physical Review B, 2012, 85, .	1.1	36
101	Variational Numerical Renormalization Group: Bridging the Gap between NRG and Density Matrix Renormalization Group. Physical Review Letters, 2012, 108, 067202.	2.9	15
102	Quantum state discrimination bounds for finite sample size. Journal of Mathematical Physics, 2012, 53, .	0.5	25
103	Finite-temperature mutual information in a simple phase transition. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P01023.	0.9	63
104	Stochastic exclusion processes versus coherent transport. New Journal of Physics, 2012, 14, 075004.	1.2	33
105	Preparing Projected Entangled Pair States on a Quantum Computer. Physical Review Letters, 2012, 108, 110502.	2.9	34
106	Algebraic Bethe ansatz and tensor networks. Physical Review B, 2012, 86, .	1.1	26
107	Monte Carlo simulation with tensor network states. Physical Review B, 2011, 83, .	1.1	62
108	Quantum Metropolis sampling. Nature, 2011, 471, 87-90.	13.7	169

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109	Time evolution of projected entangled pair states in the single-layer picture. Physical Review A, 2011, 83, .	1.0	28
110	Entanglement spectrum and boundary theories with projected entangled-pair states. Physical Review B, 2011, 83, .	1.1	223
111	Time-Dependent Variational Principle for Quantum Lattices. Physical Review Letters, 2011, 107, 070601.	2.9	450
112	Quantum Simulation of Time-Dependent Hamiltonians and the Convenient Illusion of Hilbert Space. Physical Review Letters, 2011, 106, 170501.	2.9	157
113	Exploiting translational invariance in matrix product state simulations of spin chains with periodic boundary conditions. Physical Review B, 2011, 83, .	1.1	45
114	Mutual information in classical spin models. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P10011.	0.9	42
115	Applying the variational principle to (1+1) dimensional relativistic quantum field theories. , 2011, , .		1
116	The $chi ^2$Ï‡2-divergence and mixing times of quantum Markov processes. Journal of Mathematical Physics, 2010, 51, .	0.5	66
117	Fermionic implementation of projected entangled pair states algorithm. Physical Review B, 2010, 81, .	1.1	41
118	Simulation of interacting fermions with entanglement renormalization. Physical Review A, 2010, 81, .	1.0	108
119	Continuous Matrix Product States for Quantum Fields. Physical Review Letters, 2010, 104, 190405.	2.9	184
120	Stochastic Matrix Product States. Physical Review Letters, 2010, 104, 210502.	2.9	16
121	Matrix product operator representations. New Journal of Physics, 2010, 12, 025012.	1.2	224
122	Fermionic projected entangled pair states. Physical Review A, 2010, 81, .	1.0	170
123	Holographic Quantum States. Physical Review Letters, 2010, 105, 260401.	2.9	52
124	Applying the Variational Principle to (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq0 0 0 rgBT /Overlock 10 Quantum Field Theories. Physical Review Letters, 2010, 105, 251601.	2.9	47
125	Simulating strongly correlated quantum systems with tree tensor networks. Physical Review B, 2010, 82, .	1.1	155
126	Complete-graph tensor network states: a new fermionic wave function ansatz for molecules. New Journal of Physics, 2010, 12, 103008.	1.2	82

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127	Variational matrix-product-state approach to quantum impurity models. Physical Review B, 2009, 80, .	1.1	101
128	Exploring frustrated spin systems using projected entangled pair states. Physical Review B, 2009, 79, .	1.1	103
129	Renormalization algorithm with graph enhancement. Physical Review A, 2009, 79, .	1.0	14
130	Matrix Product States for Dynamical Simulation of Infinite Chains. Physical Review Letters, 2009, 102, 240603.	2.9	115
131	Renormalization and tensor product states in spin chains and lattices. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 504004.	0.7	314
132	Quantum computation and quantum-state engineering driven by dissipation. Nature Physics, 2009, 5, 633-636.	6.5	1,092
133	Computational complexity of interacting electrons and fundamental limitations of density functionalÂtheory. Nature Physics, 2009, 5, 732-735.	6.5	163
134	Quantum circuits for strongly correlated quantum systems. Physical Review A, 2009, 79, .	1.0	99
135	Asymptotic Error Rates in Quantum Hypothesis Testing. Communications in Mathematical Physics, 2008, 279, 251-283.	1.0	164
136	Classical Simulation of Infinite-Size Quantum Lattice Systems in Two Spatial Dimensions. Physical Review Letters, 2008, 101, 250602.	2.9	413
137	Area Laws in Quantum Systems: Mutual Information and Correlations. Physical Review Letters, 2008, 100, 070502.	2.9	458
138	String Order and Symmetries in Quantum Spin Lattices. Physical Review Letters, 2008, 100, 167202.	2.9	163
139	Entropy Scaling and Simulability by Matrix Product States. Physical Review Letters, 2008, 100, 030504.	2.9	250
140	Matrix product states, projected entangled pair states, and variational renormalization group methods for quantum spin systems. Advances in Physics, 2008, 57, 143-224.	35.9	1,210
141	Creation, Manipulation, and Detection of Abelian and Non-Abelian Anyons in Optical Lattices. Physical Review Letters, 2008, 101, 260501.	2.9	90
142	ENTANGLEMENT IN MANY-BODY QUANTUM PHYSICS. , 2008, , .		0
143	Sequentially generated states for the study of two-dimensional systems. Physical Review A, 2008, 77, .	1.0	29
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	Simulation of Quantum Many-Body Systems with Strings of Operators and MonteÂCarlo Tensor Contractions. Physical Review Letters, 2008, 100, 040501.	2.9	96
146	Computational Difficulty of Finding Matrix Product Ground States. Physical Review Letters, 2008, 100, 250501.	2.9	40
147	Quantum Computational Complexity of theN-Representability Problem: QMA Complete. Physical Review Letters, 2007, 98, 110503.	2.9	129
148	Variational study of hard-core bosons in a two-dimensional optical lattice using projected entangled pair states. Physical Review A, 2007, 75, .	1.0	200
149	Computational Complexity of Projected Entangled Pair States. Physical Review Letters, 2007, 98, 140506.	2.9	179
150	Discriminating States: The Quantum Chernoff Bound. Physical Review Letters, 2007, 98, 160501.	2.9	341
151	Ground-State Approximation for Strongly Interacting Spin Systems in Arbitrary Spatial Dimension. Physical Review Letters, 2006, 97, 107206.	2.9	49
152	Quantum Phase Transitions in Matrix Product Systems. Physical Review Letters, 2006, 97, 110403.	2.9	107
153	PROJECTED ENTANGLED STATES: PROPERTIES AND APPLICATIONS. International Journal of Modern Physics B, 2006, 20, 5142-5153.	1.0	19
154	Matrix product states represent ground states faithfully. Physical Review B, 2006, 73, .	1.1	484
155	General Monogamy Inequality for Bipartite Qubit Entanglement. Physical Review Letters, 2006, 96, 220503.	2.9	559
156	Lieb-Robinson Bounds and the Generation of Correlations and Topological Quantum Order. Physical Review Letters, 2006, 97, 050401.	2.9	435
157	Numerical Computation of Localizable Entanglement in Spin Chains. Applied Physics B: Lasers and Optics, 2006, 82, 225-235.	1.1	5
158	Criticality, the Area Law, and the Computational Power of Projected Entangled Pair States. Physical Review Letters, 2006, 96, 220601.	2.9	422
159	Renormalization algorithm for the calculation of spectra of interacting quantum systems. Physical Review B, 2006, 73, .	1.1	47
160	Entanglement flow in multipartite systems. Physical Review A, 2005, 71, .	1.0	38
161	Renormalization-Group Transformations on Quantum States. Physical Review Letters, 2005, 94, 140601.	2.9	150
162	Localizable entanglement. Physical Review A, 2005, 71, .	1.0	186

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163	Interpolation of recurrence and hashing entanglement distillation protocols. Physical Review A, 2005, 71, .	1.0	28
164	Exploiting Quantum Parallelism to Simulate Quantum Random Many-Body Systems. Physical Review Letters, 2005, 95, 140501.	2.9	69
165	Sequential Generation of Entangled Multiqubit States. Physical Review Letters, 2005, 95, 110503.	2.9	198
166	Efficient Evaluation of Partition Functions of Inhomogeneous Many-Body Spin Systems. Physical Review Letters, 2005, 95, 057206.	2.9	25
167	Entanglement of assistance and multipartite state distillation. Physical Review A, 2005, 72, .	1.0	113
168	Mapping local Hamiltonians of fermions to local Hamiltonians of spins. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P09012-P09012.	0.9	118
169	Nonlocal Resources in the Presence of Superselection Rules. Physical Review Letters, 2004, 92, 087904.	2.9	78
170	Entanglement Frustration for Gaussian States on Symmetric Graphs. Physical Review Letters, 2004, 92, 087903.	2.9	32
171	Quantum entanglement theory in the presence of superselection rules. Physical Review A, 2004, 70, .	1.0	81
172	Valence-bond states for quantum computation. Physical Review A, 2004, 70, .	1.0	258
173	The moduli space of three-qutrit states. Journal of Mathematical Physics, 2004, 45, 4855-4867.	0.5	43
174	Multipartite entanglement in2Ã—2Ã—nquantum systems. Physical Review A, 2004, 69, .	1.0	63
175	Density Matrix Renormalization Group and Periodic Boundary Conditions: A Quantum Information Perspective. Physical Review Letters, 2004, 93, 227205.	2.9	455
176	Matrix Product Density Operators: Simulation of Finite-Temperature and Dissipative Systems. Physical Review Letters, 2004, 93, 207204.	2.9	724
177	Diverging Entanglement Length in Gapped Quantum Spin Systems. Physical Review Letters, 2004, 92, 087201.	2.9	315
178	Entanglement versus Correlations in Spin Systems. Physical Review Letters, 2004, 92, 027901.	2.9	377
179	Nonlocality in the presence of superselection rules. , 2004, 5468, 93.		1
180	Separable States Can Be Used To Distribute Entanglement. Physical Review Letters, 2003, 91, 037902.	2.9	117

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181	Optimal Teleportation with a Mixed State of Two Qubits. Physical Review Letters, 2003, 90, 097901.	2.9	125
182	Maximal entanglement versus entropy for mixed quantum states. Physical Review A, 2003, 67, .	1.0	262
183	Normal forms and entanglement measures for multipartite quantum states. Physical Review A, 2003, 68, .	1.0	198
184	Quantum Nonlocality in the Presence of Superselection Rules and Data Hiding Protocols. Physical Review Letters, 2003, 91, 010404.	2.9	82
185	Local permutations of products of Bell states and entanglement distillation. Physical Review A, 2003, 67, .	1.0	52
186	ENTANGLEMENT AND FRUSTRATION IN ORDERED SYSTEMS. International Journal of Quantum Information, 2003, 01, 465-477.	0.6	28
187	Lorentz singular-value decomposition and its applications to pure states of three qubits. Physical Review A, 2002, 65, .	1.0	48
188	On the geometry of entangled states. Journal of Modern Optics, 2002, 49, 1277-1287.	0.6	42
189	Entanglement versus Bell Violations and Their Behavior under Local Filtering Operations. Physical Review Letters, 2002, 89, 170401.	2.9	158
190	Four qubits can be entangled in nine different ways. Physical Review A, 2002, 65, .	1.0	499
191	Fidelity of mixed states of two qubits. Physical Review A, 2002, 66, .	1.0	52
192	Local filtering operations on two qubits. Physical Review A, 2001, 64, .	1.0	153
193	Maximally entangled mixed states of two qubits. Physical Review A, 2001, 64, .	1.0	168
194	A comparison of the entanglement measures negativity and concurrence. Journal of Physics A, 2001, 34, 10327-10332.	1.6	127
195	Variational characterizations of separability and entanglement of formation. Physical Review A, 2001, 64, .	1.0	117
196	Sensitivity optimization in quantum parameter estimation. Physical Review A, 2001, 64, .	1.0	32
197	Tangent-space methods for uniform matrix product states. SciPost Physics Lecture Notes, 0, , .	0.0	116