

Jiangfeng Du

List of Publications by Year in descending order

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175
papers

8,446
citations

39113

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176
all docs

176
docs citations

176
times ranked

7331
citing authors

#	ARTICLE	IF	CITATIONS
19	Experimental study of quantum coherence decomposition and trade-off relations in a tripartite system. Npj Quantum Information, 2021, 7, .	2.8	7
20	Nanoscale localization of the near-surface nitrogen vacancy center assisted by a silicon atomic force microscopy probe. JPhys Photonics, 2021, 3, 014003.	2.2	1
21	Supershape Recovery From Electrical Impedance Tomography Data. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11.	2.4	12
22	Reactive Oxygen Speciesâ€Regulating Strategies Based on Nanomaterials for Disease Treatment. Advanced Science, 2021, 8, 2002797.	5.6	149
23	Targeted delivery of Bi ₂ Se ₃ Nanoflowers to orthotopic liver tumor via transarterial infusion for enhanced microwave ablation sensibilization. Nano Today, 2021, 41, 101314.	6.2	10
24	Nonstationary Shape Estimation in Electrical Impedance Tomography Using a Parametric Level Set-Based Extended Kalman Filter Approach. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1894-1907.	2.4	40
25	An FPGA-Based Hardware Platform for the Control of Spin-Based Quantum Systems. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1127-1139.	2.4	27
26	CT Image-Guided Electrical Impedance Tomography for Medical Imaging. IEEE Transactions on Medical Imaging, 2020, 39, 1822-1832.	5.4	35
27	Structural Analysis of Nuclear Spin Clusters via 2D Nanoscale Nuclear Magnetic Resonance Spectroscopy. Advanced Quantum Technologies, 2020, 3, 1900136.	1.8	7
28	Artificial intelligence enhanced two-dimensional nanoscale nuclear magnetic resonance spectroscopy. Npj Quantum Information, 2020, 6, .	2.8	8
29	Shape-Driven Difference Electrical Impedance Tomography. IEEE Transactions on Medical Imaging, 2020, 39, 3801-3812.	5.4	18
30	Probe optimization for quantum metrology via closed-loop learning control. Npj Quantum Information, 2020, 6, .	2.8	17
31	Multiphase Conductivity Imaging With Electrical Impedance Tomography and B-Spline Level Set Method. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9634-9644.	2.4	15
32	Calibration-Free Vector Magnetometry Using Nitrogen-Vacancy Center in Diamond Integrated with Optical Vortex Beam. Nano Letters, 2020, 20, 8267-8272.	4.5	30
33	Perfect coherent transfer in an on-chip reconfigurable nanoelectromechanical network. Physical Review B, 2020, 101, .	1.1	14
34	Kilohertz electron paramagnetic resonance spectroscopy of single nitrogen centers at zero magnetic field. Science Advances, 2020, 6, eaaz8244.	4.7	6
35	Nanoscale Electrometry Based on a Magnetic-Field-Resistant Spin Sensor. Physical Review Letters, 2020, 124, 247701.	2.9	33
36	Shape Reconstruction Using Boolean Operations in Electrical Impedance Tomography. IEEE Transactions on Medical Imaging, 2020, 39, 2954-2964.	5.4	36

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37	Single-spin scanning magnetic microscopy with radial basis function reconstruction algorithm. Applied Physics Letters, 2020, 116, .	1.5	5
38	Coherent Transfer of Excitation in a Nanomechanical Artificial Lattice*. Chinese Physics Letters, 2020, 37, 014501.	1.3	2
39	Observation of Anti- $\langle \text{mml:mrow} \langle \text{mml:mi mathvariant="script"} \rangle \text{P} \langle \text{mml:mi} \langle \text{mml:mi mathvariant="script"} \rangle \text{T} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -Symmetry Phase Transition in the Magnon-Cavity-Magnon Coupled System. Physical Review Applied, 2020, 13, .	1.5	71
40	Room temperature test of the continuous spontaneous localization model using a levitated micro-oscillator. Physical Review Research, 2020, 2, .	1.3	38
41	Pulse-width-induced polarization enhancement of optically pumped N-V electron spin in diamond. Photonics Research, 2020, 8, 1289.	3.4	18
42	A Parametric Level Set-Based Approach to Difference Imaging in Electrical Impedance Tomography. IEEE Transactions on Medical Imaging, 2019, 38, 145-155.	5.4	57
43	Observation of dynamical phase transitions in a topological nanomechanical system. Physical Review B, 2019, 100, .	1.1	43
44	Emerging Delivery Strategies of Carbon Monoxide for Therapeutic Applications: from CO Gas to CO Releasing Nanomaterials. Small, 2019, 15, e1904382.	5.2	79
45	Manipulation of a Micro-Object Using Topological Hydrodynamic Tweezers. Physical Review Applied, 2019, 12, .	1.5	3
46	Floquet dynamical quantum phase transitions. Physical Review B, 2019, 100, .	1.1	63
47	Dynamically Polarizing Spin Register of N- $\langle \text{mml:math} \langle \text{mml:mi} \langle \text{mml:mi} \rangle \text{V} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ Centers in Diamond Using Chopped Laser Pulses. Physical Review Applied, 2019, 12, .	1.5	22
48	A Moving Morphable Components Based Shape Reconstruction Framework for Electrical Impedance Tomography. IEEE Transactions on Medical Imaging, 2019, 38, 2937-2948.	5.4	44
49	Wideband microwave magnetometry using a nitrogen-vacancy center in diamond. Physical Review A, 2019, 99, .	1.0	3
50	Observation of parity-time symmetry breaking in a single-spin system. Science, 2019, 364, 878-880.	6.0	251
51	Experimental preparation of topologically ordered states via adiabatic evolution. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	5
52	B-Spline-Based Sharp Feature Preserving Shape Reconstruction Approach for Electrical Impedance Tomography. IEEE Transactions on Medical Imaging, 2019, 38, 2533-2544.	5.4	41
53	Enhanced radiosensitization of ternary Cu ₃ BiSe ₃ nanoparticles by photo-induced hyperthermia in the second near-infrared biological window. Nanoscale, 2019, 11, 7157-7165.	2.8	23
54	Nanoscale magnetic imaging of ferritins in a single cell. Science Advances, 2019, 5, eaau8038.	4.7	54

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55	Enhanced Generation of Non-Oxygen Dependent Free Radicals by Schottky-type Heterostructures of Au@Bi ₂ S ₃ Nanoparticles via X-ray-Induced Catalytic Reaction for Radiosensitization. ACS Nano, 2019, 13, 5947-5958.	7.3	126
56	Physics of quantum coherence in spin systems. Chinese Physics B, 2019, 28, 024204.	0.7	4
57	Efficient Near Infrared Light Triggered Nitric Oxide Release Nanocomposites for Sensitizing Mild Photothermal Therapy. Advanced Science, 2019, 6, 1801122.	5.6	169
58	Experimental observation of dynamical bulk-surface correspondence in momentum space for topological phases. Physical Review A, 2019, 100, .	1.0	27
59	Broadband electron paramagnetic resonance spectrometer from 1 to 15 GHz using metallic coplanar waveguide. Review of Scientific Instruments, 2019, 90, 125109.	0.6	3
60	Tumor microenvironment-manipulated radiocatalytic sensitizer based on bismuth heteropolytungstate for radiotherapy enhancement. Biomaterials, 2019, 189, 11-22.	5.7	132
61	Magnetic resonance spectroscopy of single molecules. , 2019, , .		0
62	Searching for an exotic spin-dependent interaction with a single electron-spin quantum sensor. Nature Communications, 2018, 9, 739.	5.8	54
63	A Parametric Level Set Method for Electrical Impedance Tomography. IEEE Transactions on Medical Imaging, 2018, 37, 451-460.	5.4	70
64	Observation of non-Markovianity at room temperature by prolonging entanglement in solids. Science Bulletin, 2018, 63, 336-339.	4.3	14
65	Experimental Observation of a Generalized Thouless Pump with a Single Spin. Physical Review Letters, 2018, 120, 120501.	2.9	59
66	An X-band pulsed electron paramagnetic resonance spectrometer with time resolution improved by a field-programmable-gate-array based pulse generator. Review of Scientific Instruments, 2018, 89, 125104.	0.6	6
67	Controlled Generation of Peroxynitrite Based on Nanosized LiLuF ₄ :Ce ³⁺ Scintillators and their Applications for Radiosensitization. Advanced Materials, 2018, 30, e1804046.	11.1	138
68	Detection of magnetic dipolar coupling of water molecules at the nanoscale using quantum magnetometry. Physical Review B, 2018, 97, .	1.1	11
69	Quantum metrology with single spins in diamond under ambient conditions. National Science Review, 2018, 5, 346-355.	4.6	7
70	Single-DNA electron spin resonance spectroscopy in aqueous solutions. Nature Methods, 2018, 15, 697-699.	9.0	58
71	Nanoscale zero-field electron spin resonance spectroscopy. Nature Communications, 2018, 9, 1563.	5.8	22
72	Constraints on a Spin-Dependent Exotic Interaction between Electrons with Single Electron Spin Quantum Sensors. Physical Review Letters, 2018, 121, 080402.	2.9	23

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73	A Parametric Level set Method for Imaging Multiphase Conductivity Using Electrical Impedance Tomography. IEEE Transactions on Computational Imaging, 2018, 4, 552-561.	2.6	41
74	Mesoscopic Magnetic Resonance Spectroscopy with a Remote Spin Sensor. Physical Review Applied, 2018, 9, .	1.5	3
75	Numerical optimal control of spin systems at zero magnetic field. Physical Review A, 2018, 97, .	1.0	11
76	Design of TPGS-functionalized Cu ₃ BiS ₃ nanocrystals with strong absorption in the second near-infrared window for radiation therapy enhancement. Nanoscale, 2017, 9, 8229-8239.	2.8	69
77	Polyoxometalate-Based Radiosensitization Platform for Treating Hypoxic Tumors by Attenuating Radioresistance and Enhancing Radiation Response. ACS Nano, 2017, 11, 7164-7176.	7.3	168
78	Experimental Adiabatic Quantum Factorization under Ambient Conditions Based on a Solid-State Single Spin System. Physical Review Letters, 2017, 118, 130504.	2.9	32
79	Therapeutic Nanoparticles Based on Curcumin and Bamboo Charcoal Nanoparticles for Chemo-Photothermal Synergistic Treatment of Cancer and Radioprotection of Normal Cells. ACS Applied Materials & Interfaces, 2017, 9, 14281-14291.	4.0	72
80	Harnessing the power of quantum systems based on spin magnetic resonance: from ensembles to single spins. Advances in Physics: X, 2017, 2, 125-168.	1.5	9
81	Experimental test of Born's rule by inspecting third-order quantum interference on a single spin in solids. Physical Review A, 2017, 95, .	1.0	19
82	Synthesis of BSA-Coated BiOI@Bi ₂ S ₃ Semiconductor Heterojunction Nanoparticles and Their Applications for Radio/Photodynamic/Photothermal Synergistic Therapy of Tumor. Advanced Materials, 2017, 29, 1704136.	11.1	257
83	Universal quantum control in zero-field nuclear magnetic resonance. Physical Review A, 2017, 95, .	1.0	14
84	Poly(Vinylpyrrolidone)-and Selenocysteine-Modified Bi ₂ Se ₃ Nanoparticles Enhance Radiotherapy Efficacy in Tumors and Promote Radioprotection in Normal Tissues. Advanced Materials, 2017, 29, 1701268.	11.1	171
85	Decoherence Control of Nitrogen-Vacancy Centers. Scientific Reports, 2017, 7, 11937.	1.6	10
86	Scalable quantum computation scheme based on quantum-actuated nuclear-spin decoherence-free qubits. Physical Review B, 2017, 96, .	1.1	6
87	Experimental Demonstration of Uncertainty Relations for the Triple Components of Angular Momentum. Physical Review Letters, 2017, 118, 180402.	2.9	35
88	Experimental Investigation of Quantum Correlation in Solid-State Spin System. Quantum Science and Technology, 2017, , 485-497.	1.5	0
89	Generating giant and tunable nonlinearity in a macroscopic mechanical resonator from a single chemical bond. Nature Communications, 2016, 7, 11517.	5.8	21
90	Direct Measurement of Topological Numbers with Spins in Diamond. Physical Review Letters, 2016, 117, 060503.	2.9	32

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91	Experimental observation of topological transitions in interacting multispin systems. Physical Review A, 2016, 93, .	1.0	11
92	Experimental Test of Heisenberg's Measurement Uncertainty Relation Based on Statistical Distances. Physical Review Letters, 2016, 116, 160405.	2.9	44
93	Nonreciprocal Radio Frequency Transduction in a Parametric Mechanical Artificial Lattice. Physical Review Letters, 2016, 117, 017701.	2.9	32
94	Wavelet-based fast time-resolved magnetic sensing with electronic spins in diamond. Physical Review B, 2016, 93, .	1.1	6
95	Cooling a mechanical resonator to the quantum regime by heating it. Physical Review A, 2016, 94, .	1.0	20
96	Experimental Time-Optimal Universal Control of Spin Qubits in Solids. Physical Review Letters, 2016, 117, 170501.	2.9	52
97	Detection of radio-frequency field with a single spin in diamond. Science Bulletin, 2016, 61, 1132-1137.	4.3	11
98	High-Time-Resolution Nuclear Magnetic Resonance With Nitrogen-Vacancy Centers. IEEE Magnetics Letters, 2016, 7, 1-5.	0.6	13
99	Resolving remote nuclear spins in a noisy bath by dynamical decoupling design. Physical Review A, 2015, 92, .	1.0	17
100	$\hat{\nu}^2$ -Ketophosphonates formation via deesterification or deamidation of cinnamyl/alkynyl carboxylates or amides with H-phosphonates. RSC Advances, 2015, 5, 103977-103981.	1.7	32
101	Single-protein spin resonance spectroscopy under ambient conditions. Science, 2015, 347, 1135-1138.	6.0	283
102	Quantum simulation of interaction blockade in a two-site Bose-Hubbard system with solid quadrupolar crystal. New Journal of Physics, 2015, 17, 053028.	1.2	6
103	Experimental Realization of a Quantum Support Vector Machine. Physical Review Letters, 2015, 114, 140504.	2.9	167
104	Hybrid magic state distillation for universal fault-tolerant quantum computation. Physical Review A, 2015, 91, .	1.0	5
105	$\hat{\nu}^2$ -Ketophosphonate Formation via Aerobic Oxyphosphorylation of Alkynes or Alkynyl Carboxylic Acids with H-Phosphonates. Organic Letters, 2015, 17, 1786-1789.	2.4	95
106	Experimental fault-tolerant universal quantum gates with solid-state spins under ambient conditions. Nature Communications, 2015, 6, 8748.	5.8	189
107	Experimental realization of quantum algorithm for solving linear systems of equations. Physical Review A, 2014, 89, .	1.0	82
108	Implementation of Dynamically Corrected Gates on a Single Electron Spin in Diamond. Physical Review Letters, 2014, 112, 050503.	2.9	45

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109	Sensing and atomic-scale structure analysis of single nuclear-spin clusters in diamond. Nature Physics, 2014, 10, 21-25.	6.5	97
110	Determining an n -qubit state by a single apparatus through a pairwise interaction. Physical Review A, 2014, 89, .	1.0	6
111	Experimental Implementation of Adiabatic Passage between Different Topological Orders. Physical Review Letters, 2014, 113, 080404.	2.9	25
112	Experimental Realization of a Compressed Quantum Simulation of a 32-Spin Ising Chain. Physical Review Letters, 2014, 112, 220501.	2.9	35
113	Noise-resilient quantum evolution steered by dynamical decoupling. Nature Communications, 2013, 4, 2254.	5.8	63
114	Experimental protection and revival of quantum correlation in open solid systems. Physical Review B, 2013, 88, .	1.1	21
115	Preparation of Greenberger-Horne-Zeilinger and W states on a one-dimensional Ising chain by global control. Physical Review A, 2013, 87, .	1.0	21
116	Optimizing ultrasensitive single electron magnetometer based on nitrogen-vacancy center in diamond. Science Bulletin, 2013, 58, 2920-2923.	1.7	11
117	Demonstration of Motion Transduction Based on Parametrically Coupled Mechanical Resonators. Physical Review Letters, 2013, 110, 227202.	2.9	47
118	Quantum logic readout and cooling of a single dark electron spin. Physical Review B, 2013, 87, .	1.1	23
119	Tuning a Spin Bath through the Quantum-Classical Transition. Physical Review Letters, 2012, 108, 200402.	2.9	52
120	Quantum discord for investigating quantum correlations without entanglement in solids. Physical Review B, 2012, 86, .	1.1	18
121	Experimental study of quantum simulation for quantum chemistry with a nuclear magnetic resonance simulator. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 4734-4747.	1.6	4
122	Coherence-Protected Quantum Gate by Continuous Dynamical Decoupling in Diamond. Physical Review Letters, 2012, 109, 070502.	2.9	93
123	Characterization of the electronic structure of defect in quartz by pulsed EPR spectroscopy. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2195-2199.	0.9	10
124	Quantum Factorization of 143 on a Dipolar-Coupling Nuclear Magnetic Resonance System. Physical Review Letters, 2012, 108, 130501.	2.9	135
125	Quantum chemistry simulation on quantum computers: theories and experiments. Physical Chemistry Chemical Physics, 2012, 14, 9411.	1.3	38
126	Observing Quantum Oscillation of Ground States in Single Molecular Magnet. Physical Review Letters, 2012, 108, 230501.	2.9	48

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127	Optimal measurement for quantum discord of two-qubit states. <i>Physical Review A</i> , 2012, 85, .	1.0	57
128	Experimental demonstration of a quantum annealing algorithm for the traveling salesman problem in a nuclear-magnetic-resonance quantum simulator. <i>Physical Review A</i> , 2011, 83, .	1.0	28
129	Simulation of Chemical Isomerization Reaction Dynamics on a NMR Quantum Simulator. <i>Physical Review Letters</i> , 2011, 107, 020501.	2.9	60
130	Preservation of Bipartite Pseudoentanglement in Solids Using Dynamical Decoupling. <i>Physical Review Letters</i> , 2011, 106, 040501.	2.9	43
131	Observation of an anomalous decoherence effect in a quantum bath at room temperature. <i>Nature Communications</i> , 2011, 2, 570.	5.8	75
132	Dynamical decoupling of electron spins in phosphorus-doped silicon. <i>Science Bulletin</i> , 2011, 56, 591-597.	1.7	9
133	Experimental Demonstration of Probabilistic Quantum Cloning. <i>Physical Review Letters</i> , 2011, 106, 180404.	2.9	32
134	Solving Quantum Ground-State Problems with Nuclear Magnetic Resonance. <i>Scientific Reports</i> , 2011, 1, 88.	1.6	51
135	Quantum discord of two-qubit rank-2 states. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2011, 44, 415304.	0.7	47
136	Room-Temperature Implementation of the Deutsch-Jozsa Algorithm with a Single Electronic Spin in Diamond. <i>Physical Review Letters</i> , 2010, 105, 040504.	2.9	124
137	Experimental implementation of a quantum random-walk search algorithm using strongly dipolar coupled spins. <i>Physical Review A</i> , 2010, 81, .	1.0	25
138	Experimental demonstration of deterministic one-way quantum computation on a NMR quantum computer. <i>Physical Review A</i> , 2010, 81, .	1.0	10
139	Entanglement of separate nitrogen-vacancy centers coupled to a whispering-gallery mode cavity. <i>New Journal of Physics</i> , 2010, 12, 113039.	1.2	62
140	Ground-state entanglement in a system with many-body interactions. <i>Physical Review A</i> , 2010, 81, .	1.0	23
141	Observation of the Ground-State Geometric Phase in a Heisenberg X Y Model. <i>Physical Review Letters</i> , 2010, 105, 240405.	2.9	47
142	NMR Implementation of a Molecular Hydrogen Quantum Simulation with Adiabatic State Preparation. <i>Physical Review Letters</i> , 2010, 104, 030502.	2.9	194
143	Quantum Simulation of a System with Competing Two- and Three-Body Interactions. <i>Physical Review Letters</i> , 2009, 103, 140501.	2.9	131
144	Preserving electron spin coherence in solids by optimal dynamical decoupling. <i>Nature</i> , 2009, 461, 1265-1268.	13.7	314

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145	Observation of geometric phases for three-level systems using NMR interferometry. <i>Physical Review A</i> , 2009, 80, .	1.0	19
146	Static and evolutionary quantum public goods games. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 3586-3590.	0.9	2
147	Quantum Adiabatic Algorithm for Factorization and Its Experimental Implementation. <i>Physical Review Letters</i> , 2008, 101, 220405.	2.9	112
148	Experimental Study of the Validity of Quantitative Conditions in the Quantum Adiabatic Theorem. <i>Physical Review Letters</i> , 2008, 101, 060403.	2.9	58
149	Experimental observation of a topological phase in the maximally entangled state of a pair of qubits. <i>Physical Review A</i> , 2007, 76, .	1.0	41
150	Experimental realization of $1\hat{\alpha}^2$ asymmetric phase-covariant quantum cloning. <i>Physical Review A</i> , 2007, 75, .	1.0	63
151	Experimental simulation of a pairing Hamiltonian on an NMR quantum computer. <i>Chemical Physics Letters</i> , 2006, 422, 20-24.	1.2	18
152	The application of asymmetric entangled states in quantum games. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 355, 447-451.	0.9	19
153	ALTERNATIVE DERIVATION OF THE CRITERION FOR ECONOMICAL REALIZATION OF ONE-TO-TWO QUBIT CLONING. <i>International Journal of Quantum Information</i> , 2006, 04, 1049-1069.	0.6	0
154	Realization of entanglement-assisted qubit-covariant symmetric-informationally-complete positive-operator-valued measurements. <i>Physical Review A</i> , 2006, 74, .	1.0	20
155	Experimental quantum multimeter and one-qubit fingerprinting. <i>Physical Review A</i> , 2006, 74, .	1.0	23
156	Experimental implementation of high-fidelity unconventional geometric quantum gates using an NMR interferometer. <i>Physical Review A</i> , 2006, 74, .	1.0	54
157	Appropriate quantization of asymmetric games with continuous strategies. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005, 340, 78-86.	0.9	11
158	Quantum entanglement helps in improving economic efficiency. <i>Journal of Physics A</i> , 2005, 38, 1559-1565.	1.6	31
159	Quantum Bertrand duopoly of incomplete information. <i>Journal of Physics A</i> , 2005, 38, 4247-4253.	1.6	18
160	Quantification of complementarity in multiqubit systems. <i>Physical Review A</i> , 2005, 72, .	1.0	47
161	Experimental Quantum Cloning with Prior Partial Information. <i>Physical Review Letters</i> , 2005, 94, 040505.	2.9	111
162	Quantum phase transition of ground-state entanglement in a Heisenberg spin chain simulated in an NMR quantum computer. <i>Physical Review A</i> , 2005, 71, .	1.0	93

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163	Characterization of low-cost one-to-two qubit cloning. Physical Review A, 2004, 69, .	1.0	54
164	NON-CLASSICAL QUANTUM CORRELATIONS IN QUANTUM GAMES. International Journal of Modern Physics B, 2004, 18, 2552-2558.	1.0	3
165	Experimental implementation of the quantum random-walk algorithm. Physical Review A, 2003, 67, .	1.0	205
166	Observation of Geometric Phases for Mixed States using NMR Interferometry. Physical Review Letters, 2003, 91, 100403.	2.9	130
167	Quantum games of asymmetric information. Physical Review E, 2003, 68, 016124.	0.8	35
168	Phase-transition-like behaviour of quantum games. Journal of Physics A, 2003, 36, 6551-6562.	1.6	62
169	Experimental Realization of Quantum Games on a Quantum Computer. Physical Review Letters, 2002, 88, 137902.	2.9	219
170	PLAYING PRISONER'S DILEMMA WITH QUANTUM RULES. Fluctuation and Noise Letters, 2002, 02, R189-R203.	1.0	30
171	Entanglement enhanced multiplayer quantum games. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 302, 229-233.	0.9	80
172	Continuous-variable quantum games. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 306, 73-78.	0.9	113
173	Entanglement playing a dominating role in quantum games. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 289, 9-15.	0.9	85
174	Implementation of a quantum algorithm to solve the Bernstein-Vazirani parity problem without entanglement on an ensemble quantum computer. Physical Review A, 2001, 64, .	1.0	43
175	Implementing universal multiqubit quantum logic gates in three- and four-spin systems at room temperature. Physical Review A, 2001, 63, .	1.0	28