Junde Wu

List of Publications by Year
in descending order

53 papers	656 citations	687363 13 h-index	610901 24 g-index
54 all docs	54 docs citations	54 times ranked	400 citing authors

#	Article	IF	Citations
1	Maximum Relative Entropy of Coherence: An Operational Coherence Measure. Physical Review Letters, 2017, 119, 150405.	7.8	141
2	Cohering power of quantum operations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1670-1676.	2.1	63
3	Characterizing nonclassical correlations via local quantum Fisher information. Physical Review A, 2018, 97, .	2.5	56
4	Catalytic coherence transformations. Physical Review A, 2016, 93, .	2.5	47
5	Family of coherence measures and duality between quantum coherence and path distinguishability. Physical Review A, 2018, 98, .	2.5	36
6	Simulating Broken <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="script">PT</mml:mi></mml:math> -Symmetric Hamiltonian Systems by Weak Measurement. Physical Review Letters, 2019, 123, 080404.	7.8	29
7	Products of weak values: Uncertainty relations, complementarity, and incompatibility. Physical Review A, 2016, 93, .	2.5	26
8	Coherence-breaking channels and coherence sudden death. Physical Review A, 2016, 94, .	2.5	25
9	Interrelation between partial coherence and quantum correlations. Physical Review A, 2018, 98, .	2.5	20
10	States on sharply dominating effect algebras. Science in China Series A: Mathematics, 2008, 51, 907-914.	0.5	19
11	Partial coherence and quantum correlation with fidelity and affinity distances. Physical Review A, 2019, 99, .	2.5	19
12	Geometric coherence and quantum state discrimination. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 414005.	2.1	16
13	Embedding, simulation and consistency of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="script">PT</mml:mi></mml:math>-symmetric quantum theory. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 2578-2585.	2.1	14
14	Not each sequential effect algebra is sharply dominating. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 1708-1712.	2.1	11
15	Remarks on the sequential effect algebras. Reports on Mathematical Physics, 2009, 63, 441-446.	0.8	9
16	Duality relation between coherence and path information in the presence of quantum memory. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 085304.	2.1	8
17	Interval topology of lattice effect algebras. Applied Mathematics Letters, 2009, 22, 1003-1006.	2.7	7
18	Unified (r,s)-Relative Entropy. International Journal of Theoretical Physics, 2011, 50, 1282-1295.	1.2	7

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19	A Generalized Family of Discrete $mathcal{PT}$ -symmetric Square Wells. International Journal of Theoretical Physics, 2013, 52, 2152-2162.	1.2	7
20	Interference visibility, entanglement, and quantum correlation. Physical Review A, 2015, 92, .	2.5	7
21	Converting coherence based on positive-operator-valued measures into entanglement. Physical Review A, 2021, 103, .	2.5	7
22	Ideals and Filters in Pseudo-Effect Algebras. International Journal of Theoretical Physics, 2004, 43, 1445-1451.	1.2	6
23	Pseudo-Effect Algebras and Pseudo-Difference Posets. International Journal of Theoretical Physics, 2004, 43, 1453-1460.	1.2	6
24	Quantifying dynamical coherence with coherence measures. Physical Review A, 2021, 104, .	2.5	6
25	Antosik-Mikusinski Matrix Convergence Theorem in Quantum Logics. International Journal of Theoretical Physics, 2003, 42, 1905-1911.	1.2	5
26	Ideal Topology on Effect Algebras. International Journal of Theoretical Physics, 2004, 43, 2319-2323.	1.2	5
27	The nth root of sequential effect algebras. Journal of Mathematical Physics, 2010, 51, .	1.1	5
28	Special Issue â€œPseudo-Hermitian Hamiltonians inÂQuantum Physicsâ€•(Preface). International Journal of Theoretical Physics, 2011, 50, 953-954.	1.2	5
29	Outline of a Generalization and a Reinterpretation of Quantum Mechanics Recovering Objectivity. International Journal of Theoretical Physics, 2016, 55, 2500-2528.	1.2	5
30	Duistermaatâ€“Heckman measure and the mixture of quantum states. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 495203.	2.1	5
31	Manifestation of superposition and coherence in ${mathcal P} {mathcal T}$ -symmetry through the Î·-inner product. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 414004.	2.1	4
32	Contextual robustness: An operational measure of contextuality. Physical Review A, 2020, 101, .	2.5	4
33	Solvable dilation model of time-dependent <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="script">PT</mml:mi></mml:math> -symmetric systems. Physical Review A, 2022, 105, .	2.5	4
34	Frink ideal topology of lattice effect algebras. Reports on Mathematical Physics, 2008, 61, 327-335.	0.8	3
35	Comment on â€œConvergence of macrostates under reproducible processesâ€•[Phys. Lett. A 374 (2010) 3715]. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1794-1796.	2.1	3
36	Uncertainty regions of observables and state-independent uncertainty relations. Quantum Information Processing, 2021, 20, 1.	2.2	3

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37	Characterizing entanglement using quantum discord over state extensions. Physical Review A, 2022, 105, .	2.5	3
38	Order Topology and Frink Ideal Topology of Effect Algebras. International Journal of Theoretical Physics, 2010, 49, 3166-3175.	1.2	2
39	Non-disturbance Criteria of Quantum Measurements. International Journal of Theoretical Physics, 2011, 50, 1325-1333.	1.2	2
40	A lower bound on the fidelity between two states in terms of their trace-distance and max-relative entropy. Linear and Multilinear Algebra, 2016, 64, 801-806.	1.0	2
41	Extracting the internal nonlocality from the dilated Hermiticity. Physical Review A, 2021, 104, .	2.5	2
42	A class of congruences in partial Abelian semigroups. European Physical Journal D, 2005, 55, 1535-1539.	0.4	1
43	A representation theorem of set algebras. European Physical Journal D, 2005, 55, 1371-1372.	0.4	0
44	An ideal topology type convergent theorem on scale effect algebras. Science in China Series F: Information Sciences, 2007, 50, 41-45.	1.1	0
45	The Characteristics of Expansivity of Two Variables Weighted Shift. Integral Equations and Operator Theory, 2009, 65, 405-414.	0.8	0
46	Some Problems for Sequential Effect Algebras. International Journal of Theoretical Physics, 2011, 50, 1214-1219.	1.2	0
47	Generalized Effect Algebras of Positive Self-adjoint Linear Operators on Hilbert Spaces. International Journal of Theoretical Physics, 2014, 53, 3981-3987.	1.2	0
48	A New Generalized Schur-Weyl Duality. International Journal of Theoretical Physics, 2015, 54, 4034-4040.	1.2	0
49	Continuity of the sequential product of sequential quantum effect algebras. Journal of Mathematical Physics, 2016, 57, .	1.1	0
50	The Local Orthogonality Between Quantum States and Entanglement Decomposition. International Journal of Theoretical Physics, 2016, 55, 2870-2881.	1.2	0
51	Logically reversible measurements: Construction and application. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3460-3464.	2.1	0
52	Field Extension of Real Values of Physical Observables in Classical Theory can Help Attain Quantum Results. International Journal of Theoretical Physics, 2018, 57, 1996-2006.	1.2	0
53	Quantum observable generalized orthoalgebras. Positivity, 2020, 24, 663-675.	0.7	0