# Junde Wu

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Characterizing entanglement using quantum discord over state extensions. Physical Review A, 2022, 105, . | 2.5 | 3 |
| 2 | 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 |
| 3 | Converting coherence based on positive-operator-valued measures into entanglement. Physical Review A, 2021, 103, . | 2.5 | 7 |
| 4 | Extracting the internal nonlocality from the dilated Hermiticity. Physical Review A, 2021, 104, . | 2.5 | 2 |
| 5 | Quantifying dynamical coherence with coherence measures. Physical Review A, 2021, 104, . | 2.5 | 6 |
| 6 | Uncertainty regions of observables and state-independent uncertainty relations. Quantum Information Processing, 2021, 20, 1. | 2.2 | 3 |
| 7 | Quantum observable generalized orthoalgebras. Positivity, 2020, 24, 663-675. | 0.7 | 0 |
| 8 | Contextual robustness: An operational measure of contextuality. Physical Review A, 2020, 101, . | 2.5 | 4 |
| 9 | Duistermaatâ€“Heckman measure and the mixture of quantum states. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 495203. | 2.1 | 5 |
| 10 | 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 |
| 11 | Partial coherence and quantum correlation with fidelity and affinity distances. Physical Review A, 2019, 99, . | 2.5 | 19 |
| 12 | 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 |
| 13 | Characterizing nonclassical correlations via local quantum Fisher information. Physical Review A, 2018, 97, . | 2.5 | 56 |
| 14 | Family of coherence measures and duality between quantum coherence and path distinguishability. Physical Review A, 2018, 98, . | 2.5 | 36 |
| 15 | Geometric coherence and quantum state discrimination. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 414005. | 2.1 | 16 |
| 16 | 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 |
| 17 | Interrelation between partial coherence and quantum correlations. Physical Review A, 2018, 98, . | 2.5 | 20 |
| 18 | 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 |

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|---|---|---|---|
| 19 | 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 |
| 20 | Cohering power of quantum operations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1670-1676. | 2.1 | 63 |
| 21 | Maximum Relative Entropy of Coherence: An Operational Coherence Measure. Physical Review Letters, 2017, 119, 150405. | 7.8 | 141 |
| 22 | Logically reversible measurements: Construction and application. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3460-3464. | 2.1 | 0 |
| 23 | Coherence-breaking channels and coherence sudden death. Physical Review A, 2016, 94, . | 2.5 | 25 |
| 24 | Continuity of the sequential product of sequential quantum effect algebras. Journal of Mathematical Physics, 2016, 57, . | 1.1 | 0 |
| 25 | Products of weak values: Uncertainty relations, complementarity, and incompatibility. Physical Review A, 2016, 93, . | 2.5 | 26 |
| 26 | Catalytic coherence transformations. Physical Review A, 2016, 93, . | 2.5 | 47 |
| 27 | Outline of a Generalization and a Reinterpretation of Quantum Mechanics Recovering Objectivity. International Journal of Theoretical Physics, 2016, 55, 2500-2528. | 1.2 | 5 |
| 28 | The Local Orthogonality Between Quantum States and Entanglement Decomposition. International Journal of Theoretical Physics, 2016, 55, 2870-2881. | 1.2 | 0 |
| 29 | 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 |
| 30 | Interference visibility, entanglement, and quantum correlation. Physical Review A, 2015, 92, . | 2.5 | 7 |
| 31 | A New Generalized Schur-Weyl Duality. International Journal of Theoretical Physics, 2015, 54, 4034-4040. | 1.2 | 0 |
| 32 | Generalized Effect Algebras of Positive Self-adjoint Linear Operators on Hilbert Spaces. International Journal of Theoretical Physics, 2014, 53, 3981-3987. | 1.2 | 0 |
| 33 | A Generalized Family of Discrete $mathcal{PT}$ -symmetric Square Wells. International Journal of Theoretical Physics, 2013, 52, 2152-2162. | 1.2 | 7 |
| 34 | 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 |
| 35 | Special Issue â€œPseudo-Hermitian Hamiltonians inÂQuantum Physicsâ€•(Preface). International Journal of Theoretical Physics, 2011, 50, 953-954. | 1.2 | 5 |
| 36 | Unified (r,s)-Relative Entropy. International Journal of Theoretical Physics, 2011, 50, 1282-1295. | 1.2 | 7 |

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| 37 | Non-disturbance Criteria of Quantum Measurements. International Journal of Theoretical Physics, 2011, 50, 1325-1333. | 1.2 | 2 |
| 38 | Some Problems for Sequential Effect Algebras. International Journal of Theoretical Physics, 2011, 50, 1214-1219. | 1.2 | 0 |
| 39 | Order Topology and Frink Ideal Topology of Effect Algebras. International Journal of Theoretical Physics, 2010, 49, 3166-3175. | 1.2 | 2 |
| 40 | The nth root of sequential effect algebras. Journal of Mathematical Physics, 2010, 51, . | 1.1 | 5 |
| 41 | The Characteristics of Expansivity of Two Variables Weighted Shift. Integral Equations and Operator Theory, 2009, 65, 405-414. | 0.8 | 0 |
| 42 | 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 |
| 43 | Interval topology of lattice effect algebras. Applied Mathematics Letters, 2009, 22, 1003-1006. | 2.7 | 7 |
| 44 | Remarks on the sequential effect algebras. Reports on Mathematical Physics, 2009, 63, 441-446. | 0.8 | 9 |
| 45 | States on sharply dominating effect algebras. Science in China Series A: Mathematics, 2008, 51, 907-914. | 0.5 | 19 |
| 46 | Frink ideal topology of lattice effect algebras. Reports on Mathematical Physics, 2008, 61, 327-335. | 0.8 | 3 |
| 47 | An ideal topology type convergent theorem on scale effect algebras. Science in China Series F: Information Sciences, 2007, 50, 41-45. | 1.1 | 0 |
| 48 | A representation theorem of set algebras. European Physical Journal D, 2005, 55, 1371-1372. | 0.4 | 0 |
| 49 | A class of congruences in partial Abelian semigroups. European Physical Journal D, 2005, 55, 1535-1539. | 0.4 | 1 |
| 50 | Ideals and Filters in Pseudo-Effect Algebras. International Journal of Theoretical Physics, 2004, 43, 1445-1451. | 1.2 | 6 |
| 51 | Pseudo-Effect Algebras and Pseudo-Difference Posets. International Journal of Theoretical Physics, 2004, 43, 1453-1460. | 1.2 | 6 |
| 52 | Ideal Topology on Effect Algebras. International Journal of Theoretical Physics, 2004, 43, 2319-2323. | 1.2 | 5 |
| 53 | Antosik-Mikusinski Matrix Convergence Theorem in Quantum Logics. International Journal of Theoretical Physics, 2003, 42, 1905-1911. | 1.2 | 5 |