Interpreting quantum discord through quantum state r

Physical Review A 83,

DOI: 10.1103/physreva.83.032323

Citation Report

#	Article	IF	CITATIONS
1	Quantum discord of two-qubit <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mi>X</mml:mi></mml:math> states. Physical Review A, 2011, 84, .	1.0	240
2	ENTROPIC MEASURES OF NON-CLASSICAL CORRELATIONS. International Journal of Quantum Information, 2011, 09, 1553-1586.	0.6	44
3	Monogamy properties of quantum and classical correlations. Physical Review A, 2011, 84, .	1.0	107
4	Quantum discord and classical correlations in the bond-charge Hubbard model: Quantum phase transitions, off-diagonal long-range order, and violation of the monogamy property for discord. Physical Review B, 2011, 84, .	1.1	45
5	Geometric picture of quantum discord for two-qubit quantum states. New Journal of Physics, 2011, 13, 073016.	1.2	45
6	Quantum discord for general two-qubit states: Analytical progress. Physical Review A, 2011, 83, .	1.0	270
7	QUANTUM LOCKING OF CLASSICAL CORRELATIONS AND QUANTUM DISCORD OF CLASSICAL-QUANTUM STATES. International Journal of Quantum Information, 2011, 09, 1643-1651.	0.6	40
8	QUANTUM DISCORD AND QUANTUM COMPUTING — AN APPRAISAL. International Journal of Quantum Information, 2011, 09, 1787-1805.	0.6	39
9	Decoherence and measurement-induced correlations. Physical Review A, 2011, 84, .	1.0	23
10	Interplay between computable measures of entanglement and other quantum correlations. Physical Review A, 2011, 84, .	1.0	71
11	Measurement-induced disturbances and nonclassical correlations of Gaussian states. Physical Review A, 2011, 83, .	1.0	48
12	Behavior of Quantum Correlations under Local Noise. Physical Review Letters, 2011, 107, 170502.	2.9	159
13	Experimentally Witnessing the Quantumness of Correlations. Physical Review Letters, 2011, 107, 070501.	2.9	79
14	Direct measure of quantum correlation. Physical Review A, 2011, 84, .	1.0	18
15	THEORETICAL AND EXPERIMENTAL ASPECTS OF QUANTUM DISCORD AND RELATED MEASURES. International Journal of Quantum Information, 2011, 09, 1837-1873.	0.6	100
16	Faithful nonclassicality indicators and extremal quantum correlations in two-qubit states. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 352002.	0.7	73
17	Generalizations of quantum discord. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 445310.	0.7	7
18	Generation of non-equilibrium thermal quantum discord and entanglement in a three-spin XX chain by multi-spin interaction and an external magnetic field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 4130-4137.	0.9	7

#	Article	IF	Citations
19	Quantum entanglement phenomena in photosynthetic light harvesting complexes. Procedia Chemistry, 2011, 3, 152-164.	0.7	25
20	All Nonclassical Correlations Can Be Activated into Distillable Entanglement. Physical Review Letters, 2011, 106, 220403.	2.9	220
21	A study on quantum discord sudden changes. European Physical Journal D, 2011, 65, 613-620.	0.6	1
22	Linking Quantum Discord to Entanglement in a Measurement. Physical Review Letters, 2011, 106, 160401.	2.9	251
23	Dynamics of quantum discord in a quantum critical environment. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 215501.	0.6	10
24	Stochastic resonance of quantum discord. Physical Review A, 2011, 84, .	1.0	8
25	Quantum correlations and least disturbing local measurements. Physical Review A, 2011, 84, .	1.0	15
26	Observable estimation of entanglement of formation and quantum discord for bipartite mixed quantum states. Physical Review A, 2011, 84, .	1.0	20
27	Classical and quantum correlative capacities of quantum systems. Physical Review A, 2011, 84, .	1.0	28
28	Detecting the quantum discord of an unknown state by a single observable. Physical Review A, 2011, 84, .	1.0	25
29	Extremal quantum correlations: Experimental study with two-qubit states. Physical Review A, 2011, 84,	1.0	22
30	Quantumness of noisy quantum walks: A comparison between measurement-induced disturbance and quantum discord. Physical Review A, 2011, 83, .	1.0	39
31	Operational interpretations of quantum discord. Physical Review A, 2011, 83, .	1.0	306
32	Environment-Induced Sudden Transition in Quantum Discord Dynamics. Physical Review Letters, 2011, 107, 140403.	2.9	137
33	A functional interpretation of continuous variable quantum discord. , 2011, , .		0
34	Activating optomechanical entanglement. Scientific Reports, 2011, 1, 199.	1.6	22
35	The upper bound and continuity of quantum discord. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 375301.	0.7	24
36	Quantum discord of two-qubit rank-2 states. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 415304.	0.7	47

#	Article	IF	CITATIONS
37	Quantum discord: â€~discord' between the whole and its constituent. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 425304.	0.7	0
38	Negativity and quantum discord in Davies environments. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 485306.	0.7	17
39	Locally inaccessible information as a fundamental ingredient to quantum information. New Journal of Physics, 2012, 14, 013027.	1.2	41
40	Homodyne Estimation of Gaussian Quantum Discord. Physical Review Letters, 2012, 109, 180402.	2.9	58
41	Discord and Nonclassicality in Probabilistic Theories. Physical Review Letters, 2012, 108, 120502.	2.9	26
42	Observable Measure of Bipartite Quantum Correlations. Physical Review Letters, 2012, 108, 150403.	2.9	95
43	Quantum discord for investigating quantum correlations without entanglement in solids. Physical Review B, 2012, 86, .	1.1	18
44	Experimental Investigation of the Evolution of Gaussian Quantum Discord in an Open System. Physical Review Letters, 2012, 109, 030402.	2.9	57
45	Operational meaning of discord in terms of teleportation fidelity. Physical Review A, 2012, 86, .	1.0	22
46	Quantum discord and non-Markovianity of quantum dynamics. Physical Review A, 2012, 85, .	1.0	32
47	Dynamics of Gaussian discord between two oscillators interacting with a common environment. Physical Review A, 2012, 85, .	1.0	21
48	Necessary and sufficient condition for saturating the upper bound of quantum discord. Physical Review A, 2012, 85, .	1.0	27
49	Nonclassicality Criteria from Phase-Space Representations and Information-Theoretical Constraints Are Maximally Inequivalent. Physical Review Letters, 2012, 108, 260403.	2.9	80
50	CREATING QUANTUM DISCORD THROUGH LOCAL GENERALIZED AMPLITUDE DAMPING. International Journal of Quantum Information, 2012, 10, 1250071.	0.6	2
51	Pairwise Quantum Correlations for Superpositions of Dicke States. Communications in Theoretical Physics, 2012, 57, 771-779.	1.1	4
52	Quantum-memory-assisted entropic uncertainty relation under noise. Physical Review A, 2012, 86, .	1.0	84
53	The classical-quantum boundary for correlations: Discord and related measures. Reviews of Modern Physics, 2012, 84, 1655-1707.	16.4	1,273
54	Quantum resources for hybrid communication via qubit-oscillator states. Physical Review A, 2012, 86, .	1.0	60

#	Article	IF	CITATIONS
55	Quantumness of correlations revealed in local measurements exceeds entanglement. Physical Review A, 2012, 85, .	1.0	46
56	Dynamics of correlations and scaling behaviors in a spin-chain environment. Europhysics Letters, 2012, 100, 20002.	0.7	9
57	Are General Quantum Correlations Monogamous?. Physical Review Letters, 2012, 109, 050503.	2.9	145
58	Power of quantum channels for creating quantum correlations. Physical Review A, 2012, 86, .	1.0	19
59	Quantum communication in spin chains with three-site and Dzyaloshinsky–Moriya interactions. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 6226-6237.	1.2	9
60	Dynamics of geometric and entropic quantifiers of correlations in open quantum systems. Physical Review A, 2012, 86, .	1.0	78
61	Genuine multipartite system-environment correlations in decoherent dynamics. Physical Review A, 2012, 86, .	1.0	21
62	Vanishing quantum discord and complete entropy exchange between subsystems in a bipartite system. Chaos, Solitons and Fractals, 2012, 45, 1309-1313.	2.5	0
63	Measurements, quantum discord, and parity in spin-1 systems. Physical Review A, 2012, 86, .	1.0	18
64	Observing the operational significance of discordÂconsumption. Nature Physics, 2012, 8, 671-675.	6.5	201
65	Quantum correlations in high-dimensional states of high symmetry. Physical Review A, 2012, 86, .	1.0	47
66	Experimental Estimate of a Classicality Witness via a Single Measurement. Physical Review Letters, 2012, 108, 063601.	2.9	26
67	Nonclassical correlations in continuous-variable non-Gaussian Werner states. Physical Review A, 2012, 85, .	1.0	31
68	Assisted state discrimination without entanglement. Physical Review A, 2012, 85, .	1.0	58
69	Direct scheme for measuring the geometric quantum discord. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 115308.	0.7	28
70	Circulant States with Vanishing Quantum Discord. Open Systems and Information Dynamics, 2012, 19, 1250006.	0.5	5
71	Quantum correlations between two non-interacting atoms under the influence of a thermal environment. Chinese Physics B, 2012, 21, 014203.	0.7	13
72	Vanishing geometric discord in noninertial frames. Physical Review A, 2012, 86, .	1.0	33

	CHAIION	KEPORT	
#	Article	IF	CITATIONS
73	Quantum discord as resource for remote stateÂpreparation. Nature Physics, 2012, 8, 666-670.	6.5	397
74	Shielding quantum discord through continuous dynamical decoupling. Physical Review A, 2012, 86, .	1.0	8
75	Quantum dissonance is rejected in an overlap measurement scheme. Physical Review A, 2012, 86, .	1.0	8
76	Classical memoryless noise-induced maximally discordant mixed separable steady states. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 377, 53-59.	0.9	10
77	On two-qubit states ordering with quantum discords. Europhysics Letters, 2012, 98, 40003.	0.7	25
78	Asymptotic discord and entanglement of nonresonant harmonic oscillators under weak and strong dissipation. Physical Review A, 2012, 86, .	1.0	31
79	Measuring geometric quantum discord using one bit of quantum information. Physical Review A, 2012, 85, .	1.0	34
80	Quantum Cost for Sending Entanglement. Physical Review Letters, 2012, 108, 250501.	2.9	143
81	One-way unlocalizable quantum discord. Physical Review A, 2012, 85, .	1.0	14
82	Quantum correlations between each qubit in a two-atom system and the environment in terms of interatomic distance. Physical Review A, 2012, 85, .	1.0	72
83	Optimal measurement for quantum discord of two-qubit states. Physical Review A, 2012, 85, .	1.0	57
84	Dynamics of quantum discord in the purification process. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 4186-4190.	1.2	1
85	Quantum discord versus second-order MQ NMR coherence intensity in dimers. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 1029-1034.	0.9	24
86	Long-range quantum discord in critical spin systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 1540-1544.	0.9	59
87	A no-go result on the purification of quantum states. Scientific Reports, 2013, 3, 1387.	1.6	5
88	Mediating and inducing quantum correlation between two separated qubits by one-dimensional plasmonic waveguide. Quantum Information Processing, 2013, 12, 3023-3031.	1.0	8
89	Discording Power of Quantum Evolutions. Physical Review Letters, 2013, 110, 010501.	2.9	18
90	Quantum Discord Cannot Be Shared. Physical Review Letters, 2013, 111, 040401.	2.9	52

#	Article	IF	Citations
91	Discord and information deficit in theXXchain. Physical Review A, 2013, 88, .	1.0	15
92	Exploring multipartite quantum correlations with the square of quantum discord. Physical Review A, 2013, 88, .	1.0	71
93	REVIEW ON SYSTEM-SPIN ENVIRONMENT DYNAMICS OF QUANTUM DISCORD. International Journal of Modern Physics B, 2013, 27, 1345055.	1.0	5
94	Quantum discord and remote state preparation. Physical Review A, 2013, 88, .	1.0	44
95	Maximally-dense-coding-capable quantum states. Physical Review A, 2013, 87, .	1.0	22
96	Requirement of Dissonance in Assisted Optimal State Discrimination. Scientific Reports, 2013, 3, 2134.	1.6	25
97	Geometric quantum discord with Bures distance. New Journal of Physics, 2013, 15, 103001.	1.2	101
98	Nondestructive Probing Scheme of Quantum State Without Quantum Correlation. International Journal of Theoretical Physics, 2013, 52, 3676-3682.	0.5	0
99	Unifying Treatment of Discord via Relative Entropy. International Journal of Theoretical Physics, 2013, 52, 1946-1955.	0.5	2
100	Monogamy deficit for quantum correlations in a multipartite quantum system. Physical Review A, 2013, 87, .	1.0	15
101	Quantum correlation of a three-particle <i>W</i> -class state under quantum decoherence. Chinese Physics B, 2013, 22, 100306.	0.7	4
102	Experimental protection and revival of quantum correlation in open solid systems. Physical Review B, 2013, 88, .	1.1	21
103	Measurement-based method for verifying quantum discord. Physical Review A, 2013, 87, .	1.0	22
104	Quantifying nonclassicality: Global impact of local unitary evolutions. Physical Review A, 2013, 87, .	1.0	26
105	Analytic expressions of quantum correlations in qutrit Werner states. Quantum Information Processing, 2013, 12, 2355-2369.	1.0	20
106	Quantifying the Nonclassicality of Operations. Physical Review Letters, 2013, 110, 070502.	2.9	30
107	Dynamics of quantum and classical correlations of a two-atom system in thermal reservoirs. Chaos, Solitons and Fractals, 2013, 57, 117-122.	2.5	10
108	QUANTUM DISCORD AS A RESOURCE IN QUANTUM COMMUNICATION. International Journal of Modern Physics B, 2013, 27, 1345041.	1.0	57

ARTICLE IF CITATIONS # HIERARCHY OF CORRELATIONS VIA LÜDERS MEASUREMENTS. International Journal of Modern Physics B, 109 1.0 9 2013, 27, 1345026. Upper bound and shareability of quantum discord based on entropic uncertainty relations. Physical 1.0 Review A, 2013, 88, . The effect and control on remaining the quantum correlation by the coupling symmetry between 111 1.4 0 qubits and the bath. Optik, 2013, 124, 4750-4753. Competition between quantum correlations in the quantum-memory-assisted entropic uncertainty 108 relation. Physical Review A, 2013, 87, . Dual roles of quantum discord in a nondemolition probing task. Physical Review A, 2013, 87, . 113 1.0 8 Sudden change in quantum discord accompanying the transition from bound to free entanglement. Physical Review A, 2013, 87, . 1.0 Measuring Bipartite Quantum Correlations of an Unknown State. Physical Review Letters, 2013, 110, 115 2.9 66 140501. Geometric measure of quantum discord and the geometry of a class of two-qubit states. Science 2.0 China: Physics, Mechanics and Astronomy, 2013, 56, 737-744. 117 Entangling power in deterministic quantum computation with one qubit. Physical Review A, 2013, 87, . 1.0 6 A symmetric geometric measure and the dynamics of quantum discord. Chinese Physics B, 2013, 22, 118 040303. THEORETICAL INSIGHTS ON MEASURING QUANTUM CORRELATIONS. International Journal of Modern 119 1.0 6 Physics B, 2013, 27, 1345020. Quantum correlations in predictive processes. Physical Review A, 2013, 87, . Remedying the local ancilla problem with geometric discord. Physical Review A, 2013, 87, . 121 1.0 107 GENUINE CORRELATIONS IN FINITE-SIZE SPIN SYSTEMS. International Journal of Modern Physics B, 2013, 1.0 27, 1345034. The geometric approach to quantum correlations: computability versus reliability. Journal of Physics 123 0.7 38 A: Mathematical and Theoretical, 2013, 46, 275308. Quantum energy teleportation between spin particles in a Gibbs state. Journal of Physics A: 124 Mathematical and Theoretical, 2013, 46, 455304. Quantum Discord of Non-X State. Communications in Theoretical Physics, 2013, 59, 693-699. 125 1.1 3 Quantum Correlations in a Family of Two-Qubit Separable States. Communications in Theoretical 1.1 Physics, 2013, 60, 283-288.

		CITATION REPORT		
#	Article		IF	CITATIONS
127	Quantum discord dynamics of two qubits in single-mode cavities. Chinese Physics B, 2	013, 22, 040304.	0.7	11
128	Quantum correlations in two interacting atom ensembles. Journal of Physics B: Atomic and Optical Physics, 2013, 46, 095004.	, Molecular	0.6	1
129	Comparative investigation of the freezing phenomena for quantum correlations under decoherence. Physical Review A, 2013, 88, .	nondissipative	1.0	135
130	Bayes' rule, generalized discord, and nonextensive thermodynamics. Physical Review A	, 2013, 87, .	1.0	17
131	Quantum Discord of Two Bosonic Modes in Two-Reservoir Model. Open Systems and I Dynamics, 2013, 20, 1340003.	nformation	0.5	10
132	QUANTUM DISCORD AND RELATED MEASURES OF QUANTUM CORRELATIONS IN FIN International Journal of Modern Physics B, 2013, 27, 1345033.	TE XY CHAINS.	1.0	6
133	Quantum Discord in any Mixture of Two Bi-Qubit Arbitrary Product States. Communica Theoretical Physics, 2013, 60, 667-672.	ations in	1.1	2
134	Dynamics of quantum discord in a two-qubit system under classical noise. Chinese Phy 034204.	sics B, 2014, 23,	0.7	6
135	Quantum correlations and distinguishability of quantum states. Journal of Mathematic 2014, 55, 075211.	al Physics,	0.5	50
136	Experimental verification of quantum discord in continuous-variable states. Journal of I Atomic, Molecular and Optical Physics, 2014, 47, 025503.	Physics B:	0.6	13
137	Computing quantum discord is NP-complete. New Journal of Physics, 2014, 16, 03302	7.	1.2	192
138	Separable states improve protocols with finite randomness. New Journal of Physics, 20	14, 16, 093063.	1.2	10
139	Remote transfer of Gaussian quantum discord. Optics Express, 2014, 22, 15894.		1.7	3
140	A note on quantum correlations in Werner states under two collective noises. Quantu Processing, 2014, 13, 2713-2718.	m Information	1.0	8
141	Correlated Relation between Quantum Discord and Entanglement of Two-Atom in The Journal of Atomic and Molecular Physics, 2014, 2014, 1-6.	rmal Reservoirs.	0.6	2
142	Uncertainty-induced quantum nonlocality. Physics Letters, Section A: General, Atomic Physics, 2014, 378, 344-347.	and Solid State	0.9	79
143	Preservation of the geometric quantum discord in noisy environments. Annals of Physi 132-140.	cs, 2014, 343,	1.0	31
144	Quantum discord with weak measurements. Annals of Physics, 2014, 343, 141-152.		1.0	55

#	Article	IF	CITATIONS
145	Generalized conditional entropy in bipartite quantum systems. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 015302.	0.7	9
146	Quantum Discord and Classical Correlations of Two Bosonic Modes in the Two-Reservoir Model. Journal of Russian Laser Research, 2014, 35, 62-70.	0.3	8
147	A Comparison of Quantum Discord and Entanglement in a Micromaser-Type System. International Journal of Theoretical Physics, 2014, 53, 2746-2752.	0.5	2
148	Thermal quantum discord in the Heisenberg chain with impurity. Physica B: Condensed Matter, 2014, 444, 40-43.	1.3	3
149	Quantum discord through the generalized entropy in bipartite quantum states. European Physical Journal D, 2014, 68, 1.	0.6	4
150	Dissipative Dynamics of Quantum Discord of Two Strongly Driven Qubits. International Journal of Theoretical Physics, 2014, 53, 921-932.	0.5	1
151	Disentanglement of Qubits in Classical Limit of Interaction. International Journal of Theoretical Physics, 2014, 53, 870-880.	0.5	5
152	Stabilized quantum coherence and remote state preparation in structured environments. Science Bulletin, 2014, 59, 3841-3846.	1.7	13
153	Generalized conditional entropy optimization for qudit-qubit states. Physical Review A, 2014, 90, .	1.0	9
154	Optimality of Gaussian Discord. Physical Review Letters, 2014, 113, 140405.	2.9	67
155	Overcoming ambiguities in classical and quantum correlation measures. Europhysics Letters, 2014, 108, 10003.	0.7	18
156	Limits for entanglement distribution with separable states. Physical Review A, 2014, 90, .	1.0	11
157	Discord of response. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 365301.	0.7	21
158	Quantum correlation cost of the weak measurement. Annals of Physics, 2014, 351, 104-111.	1.0	3
159	Geometric Discord of Non-X-Structured State under Decoherence Channels. International Journal of Theoretical Physics, 2014, 53, 2967-2979.	0.5	4
160	Entanglement-free certification of entangling gates. Physical Review A, 2014, 89, .	1.0	16
161	Geometric discord for non-X states. Chinese Physics B, 2014, 23, 060307.	0.7	1
162	Quantum correlation via quantum coherence. Quantum Information Processing, 2014, 13, 1437-1456.	1.0	13

	CITATIO	on Report	
#	Article	IF	CITATIONS
163	Quantum discord for generalized bloch sphere states. European Physical Journal D, 2014, 68, 1.	0.6	6
164	Collapse–revival of quantum discord and entanglement. Annals of Physics, 2014, 349, 350-356.	1.0	24
165	Nonexistence of entangled continuous-variable Werner states with positive partial transpose. Physical Review A, 2014, 89, .	1.0	4
166	QUANTUM CORRELATIONS OF TWO SPIN-1 PARTICLES IN THE OPTICAL LATTICE. International Journal of Modern Physics B, 2014, 28, 1450049.	1.0	4
167	Analytic expressions of discord and geometric discord in Werner derivatives. Quantum Information Processing, 2014, 13, 1331-1344.	1.0	14
168	Towards quantum cybernetics. Annalen Der Physik, 2015, 527, 757-764.	0.9	6
169	Relation between the Greenberger-Horne-Zeilinger–entanglement cost of preparing a multipartite pure state and its quantum discord. Physical Review A, 2015, 92, .	1.0	3
170	Time-invariant discord in dynamically decoupled systems. Physical Review A, 2015, 92, .	1.0	11
171	Reducing computational complexity of quantum correlations. Physical Review A, 2015, 92, .	1.0	11
172	Complete condition for nonzero quantum correlation in continuous variable systems. New Journal of Physics, 2015, 17, 093007.	1.2	1
173	Geometric discord: A resource for increments of quantum key generation through twirling. Scientific Reports, 2015, 5, 13365.	1.6	3
174	Local quantum uncertainty of SU(2) invariant states. Journal of the Korean Physical Society, 2015, 67, 2033-2038.	0.3	5
175	Comparison of parallel and antiparallel two-qubit mixed states. Physical Review A, 2015, 91, .	1.0	8
176	Classifying Directional Gaussian Entanglement, Einstein-Podolsky-Rosen Steering, and Discord. Physical Review Letters, 2015, 114, 060402.	2.9	111
177	Quantum correlation swapping. Quantum Information Processing, 2015, 14, 653-679.	1.0	19
178	Sudden change of geometric quantum discord in finite temperature reservoirs. Annals of Physics, 2015, 354, 265-273.	1.0	22
179	The dynamics of quantum correlation with two controlled qubits under classical dephasing environment. Annals of Physics, 2015, 354, 365-374.	1.0	7
180	Computable measure of quantum correlation. Quantum Information Processing, 2015, 14, 247-267.	1.0	10

#	Article	IF	CITATIONS
181	Multipartite distribution property of one way discord beyond measurement. Annals of Physics, 2015, 354, 157-164.	1.0	1
182	A quantifier of genuine multipartite quantum correlations and its dynamics. Physica Scripta, 2015, 90, 035106.	1.2	1
183	Comparative study of the geometric quantum discord in the transverse Ising model. Physica B: Condensed Matter, 2015, 475, 35-39.	1.3	0
184	Concentrating Tripartite Quantum Information. Physical Review Letters, 2015, 115, 030505.	2.9	11
185	Universal freezing of quantum correlations within the geometric approach. Scientific Reports, 2015, 5, 10177.	1.6	87
186	Nonzero Classical Discord. Physical Review Letters, 2015, 115, 030403.	2.9	8
187	Analytic Expression of Geometric Discord in Arbitrary Mixture of any Two Bi-qubit Product Pure States. Communications in Theoretical Physics, 2015, 63, 439-444.	1.1	1
188	Classical extension of quantum-correlated separable states. International Journal of Quantum Information, 2015, 13, 1550015.	0.6	8
189	Signatures of chaos in the dynamics of quantum discord. Physical Review E, 2015, 91, 032906.	0.8	28
190	Role of complementary correlations in the evolution of classical and quantum correlations under Markovian decoherence. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 185303.	0.7	3
191	Relating quantum discord with the quantum dense coding capacity. Journal of Experimental and Theoretical Physics, 2015, 120, 9-14.	0.2	3
192	Multipartite quantum correlations and local recoverability. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20140941.	1.0	17
193	Quantum-discord-triggered superradiance and subradiance in a system of two separated atoms. Quantum Information Processing, 2015, 14, 2883-2894.	1.0	5
194	Quantum Discord and Information Deficit in Spin Chains. Entropy, 2015, 17, 1634-1659.	1.1	8
195	Measurement-induced nonlocality in the two-qubit Heisenberg XY model. International Journal of Modern Physics B, 2015, 29, 1550098.	1.0	9
196	Probing the non-locality of Majorana fermions via quantum correlations. Scientific Reports, 2015, 4, 4930.	1.6	23
197	Quantum discord for the general two-qubit case. Quantum Information Processing, 2015, 14, 1959-1971.	1.0	9
198	Analytic symmetric information-theoretical discord for one class of two-qubit states. International Journal of Quantum Information, 2015, 13, 1550006.	0.6	0

#	Article	IF	CITATIONS
199	Geometric quantum discord and non-Markovianity of structured reservoirs. Annals of Physics, 2015, 362, 795-804.	1.0	32
200	Generic emergence of classical features in quantum Darwinism. Nature Communications, 2015, 6, 7908.	5.8	88
201	Quantum Correlations in Ising- XY Z Diamond Chain Structure under an External Magnetic Field. Chinese Physics Letters, 2015, 32, 100303.	1.3	7
202	An easy measure of quantum correlation. Quantum Information Processing, 2015, 14, 4103-4112.	1.0	6
203	Operational discord measure for Gaussian states with Gaussian measurements. New Journal of Physics, 2015, 17, 063037.	1.2	3
204	Analytic expression of quantum correlations in qutrit Werner states undergoing local and nonlocal unitary operations. Quantum Information Processing, 2015, 14, 559-572.	1.0	10
205	Quantum discord as a resource for quantum cryptography. Scientific Reports, 2014, 4, 6956.	1.6	123
206	Role of Weak Measurements on States Ordering and Monogamy of Quantum Correlation. International Journal of Theoretical Physics, 2015, 54, 62-71.	0.5	6
207	Thermodynamics of Quantum Feedback Cooling. Entropy, 2016, 18, 48.	1.1	20
208	Adiabatic freezing of long-range quantum correlations in spin chains. Europhysics Letters, 2016, 114, 60007.	0.7	3
209	Dynamics of entanglement and quantum discord in the Tavis–Cummings model. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 125502.	0.6	7
210	Elucidating Dicke superradiance by quantum uncertainty. Physical Review A, 2016, 94, .	1.0	6
211	Relativistic quantum correlations in bipartite fermionic states. Pramana - Journal of Physics, 2016, 87, 1.	0.9	2
212	Entanglement as minimal discord over state extensions. Physical Review A, 2016, 94, .	1.0	14
213	The Dynamics of Quantum Correlations in Mixed Classical Environments. Journal of Russian Laser Research, 2016, 37, 562-571.	0.3	34
214	Excessive distribution of quantum entanglement. Physical Review A, 2016, 93, .	1.0	10
215	Quantumness and the role of locality on quantum correlations. Physical Review A, 2016, 93, .	1.0	3
216	Presence of quantum correlations results in a nonvanishing ergotropic gap. Physical Review E, 2016, 93, 052140.	0.8	15

#	Article	IF	CITATIONS
217	Quantum Processes Which Do Not Use Coherence. Physical Review X, 2016, 6, .	2.8	115
218	Measures and applications of quantum correlations. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 473001.	0.7	286
219	Conditional purity and quantum correlation measures in two qubit mixed states. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 215501.	0.6	1
220	Quantum discord and entanglement of two atoms in a micromaser-type system. Modern Physics Letters B, 2016, 30, 1650190.	1.0	0
221	Protection of quantum correlations against decoherence. Quantum Information Processing, 2016, 15, 773-790.	1.0	2
222	The creation of quantum correlation and entropic uncertainty relation in photonic crystals. Quantum Information Processing, 2016, 15, 2771-2784.	1.0	6
223	Detecting Quantum Dissonance and Discord in Exact Dynamics of qubit Systems. International Journal of Theoretical Physics, 2016, 55, 3479-3491.	0.5	2
224	Environment generated quantum correlations in bipartite qubit-qutrit systems. Optik, 2016, 127, 2448-2452.	1.4	5
225	Study of quantum correlation swapping with relative entropy methods. Quantum Information Processing, 2016, 15, 809-832.	1.0	8
226	Quantifying nonclassicality of correlations based on the concept of nondisruptive local state identification. Quantum Information Processing, 2016, 15, 1585-1599.	1.0	1
227	A note on one-way quantum deficit and quantum discord. Quantum Information Processing, 2016, 15, 279-289.	1.0	15
228	One-way Quantum Deficit and Decoherence for Two-qubit X States. International Journal of Theoretical Physics, 2016, 55, 2237-2246.	0.5	18
229	Local quantum uncertainty in two-qubit separable states: a case study. Quantum Information Processing, 2016, 15, 233-243.	1.0	18
230	Geometric Quantum Discord in the Heisenberg XX Model with Three-Spin Interactions. International Journal of Theoretical Physics, 2017, 56, 566-575.	0.5	2
231	Quantumness of correlations in fermionic systems. Physical Review A, 2017, 95, .	1.0	13
232	Quantum correlations in a family of bipartite separable qubit states. Quantum Information Processing, 2017, 16, 1.	1.0	2
233	Signatures of bifurcation on quantum correlations: Case of the quantum kicked top. Physical Review E, 2017, 95, 012216.	0.8	17
234	Minimum disturbance rewards with maximum possible classical correlations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 2045-2049.	0.9	3

#	Article	IF	CITATIONS
235	Generation of quantum discord in two-mode Gaussian systems in a thermal reservoir. European Physical Journal D, 2017, 71, 1.	0.6	12
236	Topology of quantum discord. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 155301.	0.7	1
237	Weak measurements and nonClassical correlations. Annals of Physics, 2017, 376, 448-459.	1.0	1
238	Investigations of the Quantum Correlation in Two-Qubit Heisenberg XYZ Model with Decoherence. International Journal of Theoretical Physics, 2017, 56, 957-964.	0.5	0
239	Quantum correlation based on weak measurements. International Journal of Quantum Information, 2017, 15, 1750041.	0.6	5
240	Symmetry in the open-system dynamics of quantum correlations. Scientific Reports, 2017, 7, 8367.	1.6	4
241	Quantum discord protection of a two-qutrit V-type atomic system from decoherence by partially collapsing measurements. Quantum Information Processing, 2017, 16, 1.	1.0	7
242	Enhancement of Quantum Correlations in Qubit-Qutrit Systems under the non-Markovian Environment. Communications in Theoretical Physics, 2017, 68, 29.	1.1	10
243	Approximate broadcasting of quantum correlations. Physical Review A, 2017, 96, .	1.0	4
244	Algebraic probability-theoretic characterization of quantum correlations. Physical Review A, 2017, 96,	1.0	5
245	Geometric quantum discords of interacting qubits in thermal reservoir. Scientific Reports, 2017, 7, 3342.	1.6	5
246	There is more to quantum interferometry than entanglement. Physical Review A, 2017, 95, .	1.0	11
247	Quantum correlations as probes of chaos and ergodicity. Optics Communications, 2018, 420, 189-193.	1.0	16
248	Measurement-induced randomness and state-merging. International Journal of Quantum Information, 2018, 16, 1850018.	0.6	0
249	Quantum discord and its allies: a review of recent progress. Reports on Progress in Physics, 2018, 81, 024001.	8.1	150
250	Controlling measurement-induced nonlocality in the Heisenberg XX model by three-spin interactions. International Journal of Modern Physics B, 2018, 32, 1750268.	1.0	5
251	The Role of Quantumness of Correlations in Entanglement Resource Theory. , 0, , .		0
252	Quantum and Classical Correlations for Interacting and Noninteracting Qubits in Contact with Different Environments. Journal of Russian Laser Research, 2018, 39, 533-543.	0.3	1

#	Article	IF	CITATIONS
253	Characterising Two-Sided Quantum Correlations Beyond Entanglement via Metric-Adjusted f–Correlations. Springer Proceedings in Mathematics and Statistics, 2018, , 411-430.	0.1	0
254	Remote state preparation using correlations beyond discord. Physical Review A, 2018, 98, .	1.0	8
255	Periodicity of quantum correlations in the quantum kicked top. Physical Review E, 2018, 98, .	0.8	15
256	Deconstruction and conditional erasure of quantum correlations. Physical Review A, 2018, 98, .	1.0	15
257	Universal evolution of non-classical correlations due to collective spontaneous emission. European Physical Journal Plus, 2018, 133, 1.	1.2	23
258	Quantum states with equal unlockable correlations and quantum discord. Physical Review A, 2018, 98,	1.0	1
259	The Dynamics of Three Different Entropic Measures of Quantum Correlations in Mixed Bipartite State Coupled with Classical Environments. Fluctuation and Noise Letters, 2018, 17, 1850023.	1.0	6
260	Nonclassicality by Local Gaussian Unitary Operations for Gaussian States. Entropy, 2018, 20, 266.	1.1	6
262	Quantum correlations in non-Markovian open quantum systems at different ranges of temperature. Laser Physics, 2018, 28, 085201.	0.6	3
263	Weak quantum correlation quantifiers with generalized entropies. Quantum Information Processing, 2019, 18, 1.	1.0	1
264	Classical and quantum correlations for a family of two-qutrit states. International Journal of Quantum Information, 2019, 17, 1950028.	0.6	2
265	Asymmetric quantum correlations in the dynamical Casimir effect. Scientific Reports, 2019, 9, 9552.	1.6	3
266	Characterizing nonclassical correlation using affinity. Quantum Information Processing, 2019, 18, 1.	1.0	7
267	Dynamics of quantum discord of two coupled spin-1/2's subjected to time-dependent magnetic fields. Results in Physics, 2019, 13, 102147.	2.0	21
268	Quantum dissonance in chiral graphene nanoribbons. Journal of Physics Condensed Matter, 2019, 31, 205602.	0.7	1
269	The distribution of stationary correlations between qubits and the environment. International Journal of Modern Physics B, 2019, 33, 1950299.	1.0	0
270	Non-Classical Correlations and Transfer of Quantum Information in a Superconducting Qubit System with Dynamical Decoupling Pulses. International Journal of Theoretical Physics, 2019, 58, 969-978.	0.5	0
271	Correlations for a Family of Two-Ququart Quantum States. International Journal of Theoretical Physics, 2020, 59, 772-785.	0.5	0

#	Article	IF	CITATIONS
272	Optimal exploitation of the resource in remote state preparation. Physical Review A, 2020, 102, .	1.0	2
273	Coherence and Entanglement Dynamics in Training Variational Quantum Perceptron. Entropy, 2020, 22, 1277.	1.1	2
274	Quantum correlations and quantum Fisher information of two qubits in the presence of the time-dependent coupling effect. European Physical Journal Plus, 2020, 135, 1.	1.2	6
275	On the continuity of quantum correlation quantifiers. Quantum Information Processing, 2020, 19, 1.	1.0	3
276	Quantum mutual information and quantumness vectors for multiqubit systems. Quantum Information Processing, 2020, 19, 1.	1.0	0
277	Any two-qubit state has nonzero quantum discord under global unitary operations. European Physical Journal D, 2021, 75, 1.	0.6	0
278	Long-time protection of correlations and coherence in squeezed thermal bath. Chaos, Solitons and Fractals, 2021, 143, 110501.	2.5	5
279	Time-invariant discord and steady-state entanglement in engineered non-equilibrium dephasing environments. Physica Scripta, 2021, 96, 075105.	1.2	2
280	Channel discord and distortion. New Journal of Physics, 2021, 23, 083025.	1.2	0
281	Quantum network coding reducing decoherence effect. Quantum Information Processing, 2021, 20, 1.	1.0	2
282	Asymptotically consistent measures of general quantum resources: Discord, non-Markovianity, and non-Gaussianity. Physical Review A, 2021, 104, .	1.0	2
283	Manipulation of Oneâ€Way Gaussian Steering via Quantum Correlated Microwave Fields. Annalen Der Physik, 2021, 533, 2100156.	0.9	4
284	The Sudden Change Phenomenon of Quantum Discord. Quantum Science and Technology, 2017, , 309-337.	1.5	3
285	Quantum Discord and Entropic Measures of Quantum Correlations: Optimization and Behavior in Finite XY Spin Chains. Quantum Science and Technology, 2017, , 455-471.	1.5	1
286	Geometric Measures of Quantum Correlations with Bures and Hellinger Distances. Quantum Science and Technology, 2017, , 105-157.	1.5	10
287	Quantum discord of the Werner state in noninertial frames. Physica Scripta, 2020, 95, 115102.	1.2	6
288	Quantum correlations for anonymous metrology. Quantum - the Open Journal for Quantum Science, 0, 3, 178.	0.0	2
289	Criteria for measures of quantum correlations. Quantum Information and Computation, 2012, 12, 721-742.	0.1	42

	CITATION RE	tion Report		
#	Article	IF	Citations	
290	Analytic Expression of Quantum Discords in Werner States under LQCC. Entropy, 2020, 22, 147.	1.1	3	
291	Properties of quantum coherence and correlations in quasi-entangled coherent states. European Physical Journal D, 2021, 75, 1.	0.6	2	
292	Quantum Discord in Quantum Information Theory – From Strong Subadditivity to the Mother Protocol. Lecture Notes in Computer Science, 2014, , 188-197.	1.0	0	
293	From Discord to Entanglement. Quantum Science and Technology, 2017, , 9-22.	1.5	0	
294	Quantum Discord in Quantum Communication Protocols. Quantum Science and Technology, 2017, , 241-255.	1.5	0	
295	Frozen and Invariant Quantum Discord Under Local Dephasing Noise. Quantum Science and Technology, 2017, , 339-366.	1.5	0	
297	Quantum Advantage for Shared Randomness Generation. Quantum - the Open Journal for Quantum Science, 0, 5, 569.	0.0	5	
298	Quantum correlation swapping between Werner derivatives. Laser Physics Letters, 2021, 18, 125203.	0.6	1	
299	Dynamic Characteristics of Super Quantum Discord in Thermal Environment. Modern Physics, 2020, 10, 131-139.	0.1	0	
300	Characterizing entanglement using quantum discord over state extensions. Physical Review A, 2022, 105, .	1.0	3	
301	Dissipative dynamics of quantum correlation quantifiers under decoherence channels. European Physical Journal Plus, 2022, 137, 1.	1.2	5	
302	Operational interpretation of bipartite quantum correlation. Physica Scripta, 2022, 97, 115102.	1.2	0	
303	Coherence controlled generation of Gaussian quantum discord in a quantum beat laser. Physica Scripta, 2023, 98, 045113.	1.2	0	