

Koji Nagata

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

493
citations

687363

13
h-index

752698

20
g-index

66
all docs

66
docs citations

66
times ranked

333
citing authors

#	ARTICLE	IF	CITATIONS
1	Physics's Evolution Toward Computing. International Journal of Theoretical Physics, 2021, 60, 70-79.	1.2	5
2	A Quantum Algorithm for a FULL Adder Operation Based on Registers of the CPU in a Quantum-gated Computer. International Journal of Theoretical Physics, 2021, 60, 2986-2994.	1.2	2
3	The CHSH Bell Inequality: A Critical Look at Its Mathematics and Some Consequences for Physical Chemistry. Russian Journal of Physical Chemistry B, 2021, 15, S68-S80.	1.3	2
4	Generalization of the Bernstein's Vazirani algorithm beyond qubit systems. Quantum Studies: Mathematics and Foundations, 2020, 7, 17-21.	0.9	6
5	Incompleteness in the Bell Theorem Using Non-contextual Local Realistic Model. International Journal of Theoretical Physics, 2020, 59, 313-320.	1.2	3
6	Some Theoretically Organized Algorithm for Quantum Computers. International Journal of Theoretical Physics, 2020, 59, 611-621.	1.2	8
7	Incompleteness in the Bell Theorem with an Arbitrary Number of Settings. International Journal of Theoretical Physics, 2020, 59, 3426-3435.	1.2	0
8	Generalization of Deutsch's Algorithm. International Journal of Theoretical Physics, 2020, 59, 2557-2561.	1.2	3
9	Continuous-Variable Quantum Computing and its Applications to Cryptography. International Journal of Theoretical Physics, 2020, 59, 3184-3188.	1.2	3
10	Quantum Cryptography Based on an Algorithm for Determining a Function Using Qudit Systems. International Journal of Theoretical Physics, 2020, 59, 2875-2879.	1.2	2
11	Quantum Algorithm for Evaluating Two of Logical Functions Simultaneously. International Journal of Theoretical Physics, 2020, 59, 2191-2197.	1.2	1
12	Quantum algorithm for the root-finding problem. Quantum Studies: Mathematics and Foundations, 2019, 6, 135-139.	0.9	3
13	Quantum Algorithm for Determining a Complex Number String. International Journal of Theoretical Physics, 2019, 58, 3694-3701.	1.2	1
14	Using Inequalities as Tests for the Kochen-Specker Theorem for Multiparticle States. International Journal of Theoretical Physics, 2019, 58, 2327-2330.	1.2	0
15	The Supposition for the Kochen and Specker Theorem Using Sum rule and Product rule. International Journal of Theoretical Physics, 2019, 58, 4008-4011.	1.2	1
16	Quantum Selective Encryption for Medical Images. International Journal of Theoretical Physics, 2019, 58, 3908-3926.	1.2	19
17	The Kochen-Specker Theorem Based on the Kronecker Delta. International Journal of Theoretical Physics, 2019, 58, 1311-1314.	1.2	1
18	No-Cloning Theorem, Kochen-Specker Theorem, and Quantum Measurement Theories. International Journal of Theoretical Physics, 2019, 58, 1845-1853.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Quantum Communication Based on an Algorithm of Determining a Matrix. International Journal of Theoretical Physics, 2019, 58, 247-254.	1.2	1
20	Necessary and Sufficient Condition for Quantum Computing. International Journal of Theoretical Physics, 2019, 58, 136-142.	1.2	0
21	New Method of Calculating a Multiplication by using the Generalized Bernstein-Vazirani Algorithm. International Journal of Theoretical Physics, 2018, 57, 1605-1611.	1.2	6
22	Creating Very True Quantum Algorithms for Quantum Energy Based Computing. International Journal of Theoretical Physics, 2018, 57, 973-980.	1.2	37
23	Efficient Quantum Algorithms of Finding the Roots of a Polynomial Function. International Journal of Theoretical Physics, 2018, 57, 2546-2555.	1.2	5
24	Efficient Quantum Algorithm for the Parity Problem of a Certain Function. International Journal of Theoretical Physics, 2018, 57, 3098-3103.	1.2	2
25	Better Entanglement Witness for Genuine Multipartite Entanglement. International Journal of Theoretical Physics, 2018, 57, 2116-2120.	1.2	1
26	Measurement Theory Based on the Truth Values Violates Local Realism. International Journal of Theoretical Physics, 2017, 56, 372-376.	1.2	1
27	A classical probability space exists for the measurement theory based on the truth values. Quantum Studies: Mathematics and Foundations, 2017, 4, 7-11.	0.9	0
28	Multipartite quantum correlations in the extended $\langle i \rangle_{1} \hat{=} \langle i \rangle_{2}$ Heisenberg model. International Journal of Modern Physics B, 2017, 31, 1750206.	2.0	0
29	Quantum Cryptography, Quantum Communication, and Quantum Computer in a Noisy Environment. International Journal of Theoretical Physics, 2017, 56, 2086-2100.	1.2	15
30	A Robust Blind Quantum Copyright Protection Method for Colored Images Based on Owner's Signature. International Journal of Theoretical Physics, 2017, 56, 2562-2578.	1.2	17
31	Quantum Cryptography Based on the Deutsch-Jozsa Algorithm. International Journal of Theoretical Physics, 2017, 56, 2887-2897.	1.2	44
32	Boolean approach to dichotomic quantum measurement theories. Journal of the Korean Physical Society, 2017, 70, 229-235.	0.7	11
33	Measurement Theory in Deutsch's Algorithm Based on the Truth Values. International Journal of Theoretical Physics, 2016, 55, 3616-3621.	1.2	5
34	Kochen-Specker Theorem as a Precondition for Quantum Computing. International Journal of Theoretical Physics, 2016, 55, 5193-5201.	1.2	2
35	The Deutsch-Jozsa Algorithm Can Be Used for Quantum Key Distribution. Open Access Library Journal (oalib), 2015, 02, 1-6.	0.2	11
36	An additional condition for Bell experiments for accepting local realistic theories. Quantum Information Processing, 2013, 12, 3785-3789.	2.2	4

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37	Local realism does not impose the commutative algebraic structure into all quantum observables. Physica Scripta, 2013, 88, 015007.	2.5	1
38	Can von Neumann's Theory Meet the Deutsch-Jozsa Algorithm?. International Journal of Theoretical Physics, 2010, 49, 162-170.	1.2	14
39	Bell Operator Method to Classify Local Realistic Theories. Chinese Physics Letters, 2010, 27, 030305.	3.3	0
40	NONLOCALITY IMPROVES DEUTSCH ALGORITHM. International Journal of Quantum Information, 2009, 07, 603-614.	1.1	0
41	Time Invariance as an Additional Constraint on Nonlocal Realism. International Journal of Theoretical Physics, 2009, 48, 3287-3292.	1.2	5
42	Multipartite Generalized Bell Inequality with an Arbitrary Number of Settings. International Journal of Theoretical Physics, 2009, 48, 3293-3303.	1.2	1
43	Establishing a Private Shared Reference Frame via the Distillation of Entanglement. International Journal of Theoretical Physics, 2009, 48, 3353-3357.	1.2	2
44	Necessary and Sufficient Condition for Greenberger-Horne-Zeilinger Diagonal States to be N -partite Entangled. International Journal of Theoretical Physics, 2009, 48, 3358-3364.	1.2	4
45	There is No Axiomatic System for the Quantum Theory. International Journal of Theoretical Physics, 2009, 48, 3532-3536.	1.2	10
46	THE CONFLICT BETWEEN BELL'S UKOWSKI INEQUALITY AND BELL'S MERMIN INEQUALITY. Modern Physics Letters A, 2008, 23, 2967-2977.	1.2	4
47	Additional information decreases the estimated entanglement using the Jaynes principle. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P03020.	2.3	1
48	Classification of local realistic theories. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 155308.	2.1	6
49	Multisetting Bell inequality for qudits. Physical Review A, 2008, 78, .	2.5	29
50	Violation of Rotational Invariance of Local Realistic Models with Two Settings. Journal of the Korean Physical Society, 2008, 53, 2216-2219.	0.7	2
51	New Method to Reveal the Conflict Between Local Realism and Quantum Mechanics. Journal of the Korean Physical Society, 2008, 53, 3793-3797.	0.7	0
52	Multipartite positive-partial-transpose inequalities exponentially stronger than local reality inequalities. Physical Review A, 2007, 76, .	2.5	3
53	Elaboration of Linear-optical Implementations of Quantum Algorithms with Single and Double-photon Entangled States. , 2007, , .		0
54	Multipartite omnidirectional generalized Bell inequality. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 13101-13106.	2.1	5

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55	Comment on "All quantum observables in a hidden-variable model must commute simultaneously". Physical Review A, 2006, 73, .	2.5	4
56	Bell inequality with an arbitrary number of settings and its applications. Physical Review A, 2006, 74, .	2.5	21
57	Quantum state engineering with entangled squeezed states and photon number detector. , 2005, , .		0
58	Kochen-Specker theorem as a precondition for secure quantum key distribution. Physical Review A, 2005, 72, .	2.5	22
59	Inequalities for experimental tests of the Kochen-Specker theorem. Journal of Mathematical Physics, 2005, 46, 102101.	1.1	6
60	Rotational Invariance as an Additional Constraint on Local Realism. Physical Review Letters, 2004, 93, 230403.	7.8	26
61	Configuration of Separability and Tests for Multipartite Entanglement in Bell-Type Experiments. Physical Review Letters, 2002, 89, 260401.	7.8	48
62	Classification of mixed high-dimensional multiparticle systems. Physical Review A, 2002, 66, .	2.5	6
63	Observables suitable for restricting the fidelity to multipartite maximally entangled states. Physical Review A, 2002, 65, .	2.5	13
64	Theoretical Study of Lithium-Doped Polycyclic Aromatic Hydrocarbons. Bulletin of the Chemical Society of Japan, 1997, 70, 1717-1726.	3.2	30