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List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Kochenâ€“Specker vectors. Journal of Physics A, 2005, 38, 1577-1592.	1.6	57
2	Bibliography on quantum logics and related structures. International Journal of Theoretical Physics, 1992, 31, 373-455.	1.2	34
3	Algorithms for Greechie Diagrams. International Journal of Theoretical Physics, 2000, 39, 2381-2406.	1.2	29
4	Parity Proofs of the Bell-Kochen-Specker Theorem Based on the 600-cell. Foundations of Physics, 2011, 41, 883-904.	1.3	24
5	Nonclassical interaction-free detection of objects in a monolithic total-internal-reflection resonator. Journal of the Optical Society of America B: Optical Physics, 1997, 14, 1275.	2.1	23
6	New Kochenâ€“Specker sets in four dimensions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 2122-2128.	2.1	23
7	Interferometry with Two Pairs of Spin Correlated Photons. Physical Review Letters, 1994, 73, 3191-3194.	7.8	22
8	Resonance interaction-free measurement. International Journal of Theoretical Physics, 1996, 35, 2085-2091.	1.2	22
9	Spin-correlated interferometry with beam splitters: preselection of spin-correlated photons. Journal of the Optical Society of America B: Optical Physics, 1995, 12, 821.	2.1	21
10	Resonance energy-exchange-free detection and â€œwelcher Wegâ€•experiment. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 223, 241-245.	2.1	20
11	Spin-correlated interferometry for polarized and unpolarized photons on a beam splitter. Physical Review A, 1994, 50, 3486-3491.	2.5	19
12	Minimal quantum logic with merged implications. International Journal of Theoretical Physics, 1987, 26, 845-852.	1.2	17
13	Orthomodular Lattices and a Quantum Algebra. International Journal of Theoretical Physics, 2001, 40, 1387-1410.	1.2	17
14	Graph approach to quantum systems. Journal of Mathematical Physics, 2010, 51, 102103.	1.1	15
15	Probabilistic generation of quantum contextual sets. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3419-3424.	2.1	15
16	In quantum direct communication an undetectable eavesdropper can always tellâ€“fromâ€“ Bell states in the message mode. Physical Review A, 2013, 87, .	2.5	14
17	Quantum and Classical Implication Algebras with Primitive Implications. International Journal of Theoretical Physics, 1998, 37, 2091-2098.	1.2	12
18	Near-Deterministic Discrimination of All Bell States with Linear Optics. Physical Review Letters, 2011, 107, 080403.	7.8	12

#	ARTICLE	IF	CITATIONS
19	Nonordered quantum logic and its YES-NO representation. International Journal of Theoretical Physics, 1993, 32, 1481-1505.	1.2	11
20	Arbitrarily exhaustive hypergraph generation of 4-, 6-, 8-, 16-, and 32-dimensional quantum contextual sets. Physical Review A, 2017, 95, .	2.5	11
21	Vector Generation of Quantum Contextual Sets in Even Dimensional Hilbert Spaces. Entropy, 2018, 20, 928.	2.2	11
22	Is Quantum Logic a Logic?. , 2009, , 23-47.		11
23	New class of 4-dim Kochen-Specker sets. Journal of Mathematical Physics, 2011, 52, 022104.	1.1	10
24	Unified quantum logic. Foundations of Physics, 1989, 19, 999-1016.	1.3	9
25	Complex gaussians and the Pauli non-uniqueness. Physics Letters, Section A: General, Atomic and Solid State Physics, 1987, 122, 280-282.	2.1	8
26	Deduction, Ordering, and Operations in Quantum Logic. Foundations of Physics, 2002, 32, 357-378.	1.3	8
27	Kochen-Specker Sets and Generalized Orthoarguesian Equations. Annales Henri Poincare, 2011, 12, 1417-1429.	1.7	8
28	Automated generation of Kochen-Specker sets. Scientific Reports, 2019, 9, 6765.	3.3	8
29	Identity Rule for Classical and Quantum Theories. International Journal of Theoretical Physics, 1998, 37, 2099-2103.	1.2	7
30	Equivalencies, Identities, Symmetric Differences, and Congruencies in Orthomodular Lattices. International Journal of Theoretical Physics, 2003, 42, 2797-2805.	1.2	7
31	Closure of the enhancement and detection loopholes in the Bell theorem by the fourth order interference with photons of different colours. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 209, 255-260.	2.1	6
32	A method for reaching detection efficiencies necessary for optical loophole-free Bell experiments. Optics Communications, 1997, 142, 308-314.	2.1	6
33	Quantum Implication Algebras. International Journal of Theoretical Physics, 2003, 42, 2807-2822.	1.2	6
34	Exhaustive generation of orthomodular lattices with exactly one nonquantum state. Reports on Mathematical Physics, 2009, 64, 417-428.	0.8	6
35	Hilbert Lattice Equations. Annales Henri Poincare, 2010, 10, 1335-1358.	1.7	6
36	Hypergraph Contextuality. Entropy, 2019, 21, 1107.	2.2	6

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37	When do position and momentum distributions determine the quantum mechanical state?. Physics Letters, Section A: General, Atomic and Solid State Physics, 1986, 118, 5-7.	2.1	5
38	On a formal difference between the individual and statistical interpretation of quantum theory. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 174, 353-357.	2.1	5
39	Nondestructive interaction-free atom-photon controlled-NOT gate. Physical Review A, 2007, 75, .	2.5	5
40	Quantum logic and quantum computation. , 2007, , 755-792.		5
41	A new axiomatization of unified quantum logic. International Journal of Theoretical Physics, 1992, 31, 1753-1766.	1.2	4
42	Realistic Interaction-Free Detection of Objects in a Resonator. Foundations of Physics, 1998, 28, 959-970.	1.3	4
43	How Secure Are Two-Way Ping-Pong and LM05 QKD Protocols under a Man-in-the-Middle Attack?. Entropy, 2021, 23, 163.	2.2	4
44	Preselection with certainty of photons in a singlet state from a set of independent photons. International Journal of Theoretical Physics, 1995, 34, 1653-1665.	1.2	3
45	ENTANGLEMENT AND SUPERDENSE CODING WITH LINEAR OPTICS. International Journal of Quantum Information, 2011, 09, 1737-1744.	1.1	3
46	Classical Logic and Quantum Logic with Multiple and Common Lattice Models. Advances in Mathematical Physics, 2016, 2016, 1-12.	0.8	3
47	New classes of Kochen-Specker contextual sets. , 2017, , .		3
48	Quantum Malus law for composite systems as a hidden-variable theory. Physical Review D, 1990, 42, 3594-3595.	4.7	2
49	Deterministic mediated superdense coding with linear optics. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 848-855.	2.1	2
50	Mixed basis quantum key distribution with linear optics. Optics Express, 2017, 25, 23545.	3.4	2
51	Probabilistic forcing in quantum logics. International Journal of Theoretical Physics, 1993, 32, 1965-1979.	1.2	1
52	Vector generation of contextual sets. EPJ Web of Conferences, 2019, 198, 00009.	0.3	1
53	Quantum Simulators and Quantum Repeaters. Fortschritte Der Physik, 2000, 48, 497-503.	4.4	0
54	Quantum Logic for Quantum Computers. International Journal of Theoretical Physics, 2000, 39, 813-825.	1.2	0

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55	New Near-Deterministic All-Optical Teleportation, Superdense Coding, and Cryptography Scheme. , 2012, , .		0
56	Obtaining massive data sets for contextual experiments in quantum information. , 2014, , .		0
57	Photon counting digital holography. Proceedings of SPIE, 2016, , .	0.8	0
58	Preselected Quantum Optical Correlations. , 1997, , 311-322.		0