Adrian Kent

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8437581/publications.pdf

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79	3,890	159585 30	133252 59
papers	citations	h-index	g-index

81	81	81	1592
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	No Signaling and Quantum Key Distribution. Physical Review Letters, 2005, 95, 010503.	7.8	656
2	Private randomness expansion with untrusted devices. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 095305.	2.1	243
3	On the consistent histories approach to quantum mechanics. Journal of Statistical Physics, 1996, 82, 1575-1646.	1.2	203
4	Many Worlds?. , 2010, , .		153
5	Properties of Consistent Histories. Physical Review Letters, 1995, 75, 3038-3041.	7.8	145
6	Maximally Nonlocal and Monogamous Quantum Correlations. Physical Review Letters, 2006, 97, 170409.	7.8	145
7	Fundamental quantum optics experiments conceivable with satellitesâ€"reaching relativistic distances and velocities. Classical and Quantum Gravity, 2012, 29, 224011.	4.0	131
8	Unconditionally Secure Bit Commitment. Physical Review Letters, 1999, 83, 1447-1450.	7.8	126
9	Noncontextual Hidden Variables and Physical Measurements. Physical Review Letters, 1999, 83, 3755-3757.	7.8	119
10	AGAINST MANY-WORLDS INTERPRETATIONS. International Journal of Modern Physics A, 1990, 05, 1745-1762.	1.5	113
11	Memory Attacks on Device-Independent Quantum Cryptography. Physical Review Letters, 2013, 110, 010503.	7.8	108
12	Quantum digital signatures with quantum-key-distribution components. Physical Review A, 2015, 91, .	2.5	96
13	Quasiclassical dynamics in a closed quantum system. Physical Review A, 1996, 54, 4670-4675.	2.5	93
14	Consistent Sets Yield Contrary Inferences in Quantum Theory. Physical Review Letters, 1997, 78, 2874-2877.	7.8	93
15	Secure quantum signatures using insecure quantum channels. Physical Review A, 2016, 93, .	2.5	92
16	Unconditionally Secure Bit Commitment by Transmitting Measurement Outcomes. Physical Review Letters, 2012, 109, 130501.	7.8	79
17	Entangled Mixed States and Local Purification. Physical Review Letters, 1998, 81, 2839-2841.	7.8	78
18	Quantum nonlocality, Bell inequalities, and the memory loophole. Physical Review A, 2002, 66, .	2.5	67

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19	Quantum tagging: Authenticating location via quantum information and relativistic signaling constraints. Physical Review A, 2011, 84, .	2.5	65
20	Optimal Entanglement Enhancement for Mixed States. Physical Review Letters, 1999, 83, 2656-2659.	7.8	60
21	Simulating quantum mechanics by non-contextual hidden variables. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2000, 456, 2101-2114.	2.1	60
22	Cheat Sensitive Quantum Bit Commitment. Physical Review Letters, 2004, 92, 157901.	7.8	60
23	Unconditionally secure bit commitment with flying qudits. New Journal of Physics, 2011, 13, 113015.	2.9	59
24	Secure Classical Bit Commitment Using Fixed Capacity Communication Channels. Journal of Cryptology, 2005, 18, 313-335.	2.8	55
25	Unconditionally secure device-independent quantum key distribution with only two devices. Physical Review A, 2012, 86, .	2.5	53
26	Quantum Bit String Commitment. Physical Review Letters, 2003, 90, 237901.	7.8	42
27	Non-contextuality, finite precision measurement and the Kochenâ€“Specker theorem. Studies in History and Philosophy of Science Part B - Studies in History and Philosophy of Modern Physics, 2004, 35, 151-176.	1.4	42
28	Coin Tossing is Strictly Weaker than Bit Commitment. Physical Review Letters, 1999, 83, 5382-5384.	7.8	41
29	Causal quantum theory and the collapse locality loophole. Physical Review A, 2005, 72, .	2.5	39
30	Nonlinearity without superluminality. Physical Review A, 2005, 72, .	2.5	35
31	Quantum tasks in Minkowski space. Classical and Quantum Gravity, 2012, 29, 224013.	4.0	34
32	Simple refutation of the Eppleyâ€“Hannah argument. Classical and Quantum Gravity, 2018, 35, 245008.	4.0	34
33	One World Versus Many: The Inadequacy of Everettian Accounts of Evolution, Probability, and Scientific Confirmation. , 2010, , 307-354.		31
34	A Critical Look at Risk Assessments for Global Catastrophes. Risk Analysis, 2004, 24, 157-168.	2.7	30
35	Quantum tagging for tags containing secret classical data. Physical Review A, 2011, 84, .	2.5	26
36	Quantum Histories. Physica Scripta, 1998, T76, 78.	2.5	25

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37	A no-summoning theorem in relativistic quantum theory. Quantum Information Processing, 2013, 12, 1023-1032.	2.2	25
38	Device-independent relativistic quantum bit commitment. Physical Review A, 2015, 92, .	2.5	23
39	â€œQUANTUM JUMPSâ€•AND INDISTINGUISHABILITY. Modern Physics Letters A, 1989, 04, 1839-1845.	1.2	21
40	Location-oblivious data transfer with flying entangled qudits. Physical Review A, 2011, 84, .	2.5	21
41	Solution to the Lorentzian quantum reality problem. Physical Review A, 2014, 90, .	2.5	21
42	Impossibility of unconditionally secure commitment of a certified classical bit. Physical Review A, 2000, 61, .	2.5	20
43	Variable-bias coin tossing. Physical Review A, 2006, 73, .	2.5	19
44	Security details for bit commitment by transmitting measurement outcomes. Physical Review A, 2012, 86, .	2.5	19
45	Lorentzian quantum reality: postulates and toy models. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140241.	3.4	15
46	Real World Interpretations of Quantum Theory. Foundations of Physics, 2012, 42, 421-435.	1.3	14
47	Quantum paradox of choice: More freedom makes summoning a quantum state harder. Physical Review A, 2016, 93, .	2.5	14
48	Beable-guided quantum theories: Generalizing quantum probability laws. Physical Review A, 2013, 87, .	2.5	13
49	Does it Make Sense to Speak of Self-Locating Uncertainty in the Universal Wave Function? Remarks on Sebens and Carroll. Foundations of Physics, 2015, 45, 211-217.	1.3	12
50	Deterministic relativistic quantum bit commitment. International Journal of Quantum Information, 2015, 13, 1550029.	1.1	11
51	Quantum reality via late-time photodetection. Physical Review A, 2017, 96, .	2.5	10
52	Causality in time-neutral cosmologies. Physical Review D, 1998, 59, .	4.7	9
53	S-money: virtual tokens for a relativistic economy. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20190170.	2.1	9
54	Multiphoton and Side-Channel Attacks in Mistrustful Quantum Cryptography. PRX Quantum, 2021, 2, .	9.2	9

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55	Testing the nonclassicality of spacetime: What can we learn from Bellâ€“Bose etÂal. -Marletto-Vedral experiments?. Physical Review D, 2021, 104, .	4.7	9
56	Why classical certification is impossible in a quantum world. Quantum Information Processing, 2012, 11, 493-499.	2.2	7
57	Flexible quantum tokens in spacetime. Physical Review A, 2020, 101, .	2.5	7
58	Quanta and Qualia. Foundations of Physics, 2018, 48, 1021-1037.	1.3	6
59	Unconstrained summoning for relativistic quantum information processing. Physical Review A, 2018, 98, .	2.5	5
60	Stronger tests of the collapse-locality loophole in Bell experiments. Physical Review A, 2020, 101, .	2.5	5
61	Testing causal quantum theory. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20180501.	2.1	4
62	Testing quantum gravity near measurement events. Physical Review D, 2021, 103, .	4.7	4
63	A Proposed Test of the Local Causality of Spacetime. The Western Ontario Series in Philosophy of Science, 2009, , 369-378.	0.2	4
64	Might Quantum-Induced Deviations from the Einstein Equations Detectably Affect Gravitational Wave Propagation?. Foundations of Physics, 2013, 43, 707-718.	1.3	3
65	Bloch-sphere colorings and Bell inequalities. Physical Review A, 2014, 90, .	2.5	3
66	Practical quantum tokens without quantum memories and experimental tests. Npj Quantum Information, 2022, 8, .	6.7	3
67	A note on Schmidt states and consistency. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 196, 313-317.	2.1	2
68	Night thoughts of a quantum physicist. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2000, 358, 75-87.	3.4	2
69	Secure and Robust Transmission and Verification of Unknown Quantum States in Minkowski Space. Scientific Reports, 2015, 4, 3901.	3.3	2
70	The grasshopper problem. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20170494.	2.1	2
71	Are there testable discrete PoincarÃ© invariant physical theories?. Classical and Quantum Gravity, 2018, 35, 195001.	4.0	1
72	Toy Models of Top Down Causation. Entropy, 2020, 22, 1224.	2.2	1

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73	Quantum state readout, collapses, probes, and signals. Physical Review D, 2021, 103, .	4.7	1
74	Collapse and Measures of Consciousness. Foundations of Physics, 2021, 51, 1.	1.3	1
75	Beyond Boundary Conditions: General Cosmological Theories. , 1998, , .		1
76	Signature characters forA 2 andB 2. Communications in Mathematical Physics, 1991, 143, 1-16.	2.2	0
77	Knowledge-Concealing Evidencing of Knowledge About a Quantum State. Physical Review Letters, 2018, 120, 050501.	7.8	0
78	Summoning, No-Signalling and Relativistic Bit Commitments. Entropy, 2019, 21, 534.	2.2	0
79	Globe-hopping. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200038.	2.1	0