Adrian Kent

List of Publications by Year
in descending order

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

Version: 2024-02-01

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	Practical quantum tokens without quantum memories and experimental tests. Npj Quantum Information, 2022, 8, .	6.7	3
2	Quantum state readout, collapses, probes, and signals. Physical Review D, 2021, 103, .	4.7	1
3	Testing quantum gravity near measurement events. Physical Review D, 2021, 103, .	4.7	4
4	Collapse and Measures of Consciousness. Foundations of Physics, 2021, 51, 1.	1.3	1
5	Multiphoton and Side-Channel Attacks in Mistrustful Quantum Cryptography. PRX Quantum, 2021, 2, .	9.2	9
6	Testing the nonclassicality of spacetime: What can we learn from Bellâ€“Bose etÂal. -Marletto-Vedral experiments?. Physical Review D, 2021, 104, .	4.7	9
7	Flexible quantum tokens in spacetime. Physical Review A, 2020, 101, .	2.5	7
8	Globe-hopping. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200038.	2.1	0
9	Toy Models of Top Down Causation. Entropy, 2020, 22, 1224.	2.2	1
10	Stronger tests of the collapse-locality loophole in Bell experiments. Physical Review A, 2020, 101, .	2.5	5
11	Summoning, No-Signalling and Relativistic Bit Commitments. Entropy, 2019, 21, 534.	2.2	0
12	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
13	Knowledge-Concealing Evidencing of Knowledge About a Quantum State. Physical Review Letters, 2018, 120, 050501.	7.8	0
14	Testing causal quantum theory. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20180501.	2.1	4
15	Unconstrained summoning for relativistic quantum information processing. Physical Review A, 2018, 98, .	2.5	5
16	Simple refutation of the Eppleyâ€“Hannah argument. Classical and Quantum Gravity, 2018, 35, 245008.	4.0	34
17	Are there testable discrete PoincarÃ© invariant physical theories?. Classical and Quantum Gravity, 2018, 35, 195001.	4.0	1
18	Quanta and Qualia. Foundations of Physics, 2018, 48, 1021-1037.	1.3	6

#	Article	IF	Citations
19	The grasshopper problem. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2017, 473, 20170494.	2.1	2
20	Quantum reality via late-time photodetection. Physical Review A, 2017, 96, .	2.5	10
21	Secure quantum signatures using insecure quantum channels. Physical Review A, 2016, 93, .	2.5	92
22	Quantum paradox of choice: More freedom makes summoning a quantum state harder. Physical Review A, 2016, 93, .	2.5	14
23	Device-independent relativistic quantum bit commitment. Physical Review A, 2015, 92, .	2.5	23
24	Secure and Robust Transmission and Verification of Unknown Quantum States in Minkowski Space. Scientific Reports, 2015, 4, 3901.	3.3	2
25	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
26	Quantum digital signatures with quantum-key-distribution components. Physical Review A, 2015, 91, .	2.5	96
27	Lorentzian quantum reality: postulates and toy models. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140241.	3.4	15
28	Deterministic relativistic quantum bit commitment. International Journal of Quantum Information, 2015, 13, 1550029.	1.1	11
29	Bloch-sphere colorings and Bell inequalities. Physical Review A, 2014, 90, .	2.5	3
30	Solution to the Lorentzian quantum reality problem. Physical Review A, 2014, 90, .	2.5	21
31	Beable-guided quantum theories: Generalizing quantum probability laws. Physical Review A, 2013, 87, .	2.5	13
32	Might Quantum-Induced Deviations from the Einstein Equations Detectably Affect Gravitational Wave Propagation?. Foundations of Physics, 2013, 43, 707-718.	1.3	3
33	A no-summoning theorem in relativistic quantum theory. Quantum Information Processing, 2013, 12, 1023-1032.	2.2	25
34	Memory Attacks on Device-Independent Quantum Cryptography. Physical Review Letters, 2013, 110, 010503.	7.8	108
35	Unconditionally Secure Bit Commitment by Transmitting Measurement Outcomes. Physical Review Letters, 2012, 109, 130501.	7.8	79
36	Security details for bit commitment by transmitting measurement outcomes. Physical Review A, 2012, 86, .	2.5	19

#	Article	IF	Citations
37	Quantum tasks in Minkowski space. Classical and Quantum Gravity, 2012, 29, 224013.	4.0	34
38	Unconditionally secure device-independent quantum key distribution with only two devices. Physical Review A, 2012, 86, .	2.5	53
39	Fundamental quantum optics experiments conceivable with satellitesâ€"reaching relativistic distances and velocities. Classical and Quantum Gravity, 2012, 29, 224011.	4.0	131
40	Why classical certification is impossible in a quantum world. Quantum Information Processing, 2012, 11, 493-499.	2.2	7
41	Real World Interpretations of Quantum Theory. Foundations of Physics, 2012, 42, 421-435.	1.3	14
42	Unconditionally secure bit commitment with flying qudits. New Journal of Physics, 2011, 13, 113015.	2.9	59
43	Location-oblivious data transfer with flying entangled qudits. Physical Review A, 2011, 84, .	2.5	21
44	Quantum tagging for tags containing secret classical data. Physical Review A, 2011, 84, .	2.5	26
45	Quantum tagging: Authenticating location via quantum information and relativistic signaling constraints. Physical Review A, 2011, 84, .	2.5	65
46	Private randomness expansion with untrusted devices. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 095305.	2.1	243
47	Many Worlds?. , 2010, , .		153
48	One World Versus Many: The Inadequacy of Everettian Accounts of Evolution, Probability, and Scientific Confirmation. , 2010, , 307-354.		31
49	A Proposed Test of the Local Causality of Spacetime. The Western Ontario Series in Philosophy of Science, 2009, , 369-378.	0.2	4
50	Maximally Nonlocal and Monogamous Quantum Correlations. Physical Review Letters, 2006, 97, 170409.	7.8	145
51	Variable-bias coin tossing. Physical Review A, 2006, 73, .	2.5	19
52	Secure Classical Bit Commitment Using Fixed Capacity Communication Channels. Journal of Cryptology, 2005, 18, 313-335.	2.8	55
53	Causal quantum theory and the collapse locality loophole. Physical Review A, 2005, 72, .	2.5	39
54	Nonlinearity without superluminality. Physical Review A, 2005, 72, .	2.5	35

#	Article	IF	Citations
55	No Signaling and Quantum Key Distribution. Physical Review Letters, 2005, 95, 010503.	7.8	656
56	Cheat Sensitive Quantum Bit Commitment. Physical Review Letters, 2004, 92, 157901.	7.8	60
57	A Critical Look at Risk Assessments for Global Catastrophes. Risk Analysis, 2004, 24, 157-168.	2.7	30
58	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
59	Quantum Bit String Commitment. Physical Review Letters, 2003, 90, 237901.	7.8	42
60	Quantum nonlocality, Bell inequalities, and the memory loophole. Physical Review A, 2002, 66, .	2.5	67
61	Night thoughts of a quantum physicist. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2000, 358, 75-87.	3.4	2
62	Impossibility of unconditionally secure commitment of a certified classical bit. Physical Review A, 2000, 61, .	2.5	20
63	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
64	Noncontextual Hidden Variables and Physical Measurements. Physical Review Letters, 1999, 83, 3755-3757.	7.8	119
65	Coin Tossing is Strictly Weaker than Bit Commitment. Physical Review Letters, 1999, 83, 5382-5384.	7.8	41
66	Optimal Entanglement Enhancement for Mixed States. Physical Review Letters, 1999, 83, 2656-2659.	7.8	60
67	Unconditionally Secure Bit Commitment. Physical Review Letters, 1999, 83, 1447-1450.	7.8	126
68	Entangled Mixed States and Local Purification. Physical Review Letters, 1998, 81, 2839-2841.	7.8	78
69	Causality in time-neutral cosmologies. Physical Review D, 1998, 59, .	4.7	9
70	Quantum Histories. Physica Scripta, 1998, T76, 78.	2.5	25
71	Beyond Boundary Conditions: General Cosmological Theories. , 1998, , .		1
72	Consistent Sets Yield Contrary Inferences in Quantum Theory. Physical Review Letters, 1997, 78, 2874-2877.	7.8	93

#	Article	IF	Citations
73	On the consistent histories approach to quantum mechanics. Journal of Statistical Physics, 1996, 82, 1575-1646.	1.2	203
74	Quasiclassical dynamics in a closed quantum system. Physical Review A, 1996, 54, 4670-4675.	2.5	93
75	Properties of Consistent Histories. Physical Review Letters, 1995, 75, 3038-3041.	7.8	145
76	A note on Schmidt states and consistency. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 196, 313-317.	2.1	2
77	Signature characters forA 2 andB 2. Communications in Mathematical Physics, 1991, 143, 1-16.	2.2	0
78	AGAINST MANY-WORLDS INTERPRETATIONS. International Journal of Modern Physics A, 1990, 05, 1745-1762.	1.5	113
79	â€œQUANTUM JUMPSâ€•AND INDISTINGUISHABILITY. Modern Physics Letters A, 1989, 04, 1839-1845.	1.2	21