

Chia-Wei Tsai

List of Publications by Year in descending order

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papers

834
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516710

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28
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38
all docs

38
docs citations

38
times ranked

283
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-user private comparison protocol using GHZ class states. Quantum Information Processing, 2013, 12, 1077-1088.	2.2	104
2	Improvement on "Quantum Key Agreement Protocol with Maximally Entangled States". International Journal of Theoretical Physics, 2011, 50, 1793-1802.	1.2	91
3	Dynamic quantum secret sharing. Quantum Information Processing, 2013, 12, 331-344.	2.2	82
4	Teleportation of a Pure EPR State via GHZ-like State. International Journal of Theoretical Physics, 2010, 49, 1969-1975.	1.2	59
5	Efficient semi-quantum private comparison using single photons. Quantum Information Processing, 2019, 18, 1.	2.2	49
6	Intercept-Resend Attacks on Semi-quantum Secret Sharing and the Improvements. International Journal of Theoretical Physics, 2013, 52, 156-162.	1.2	41
7	Semi-quantum secret sharing protocol using W-state. Modern Physics Letters A, 2019, 34, 1950213.	1.2	32
8	Thwarting intercept-and-resend attack on Zhang's quantum secret sharing using collective rotation noises. Quantum Information Processing, 2012, 11, 113-122.	2.2	28
9	Mediated Semi-Quantum Key Distribution Using Single Photons. Annalen Der Physik, 2019, 531, 1800347.	2.4	26
10	On the Controlled Cyclic Quantum Teleportation of an Arbitrary Two-Qubit Entangled State by Using a Ten-Qubit Entangled State. International Journal of Theoretical Physics, 2020, 59, 200-205.	1.2	25
11	Efficient and secure dynamic quantum secret sharing protocol based on bell states. Quantum Information Processing, 2020, 19, 1.	2.2	23
12	New deterministic quantum communication via symmetric W state. Optics Communications, 2010, 283, 4397-4400.	2.1	20
13	Quantum Key Distribution Networks: Challenges and Future Research Issues in Security. Applied Sciences (Switzerland), 2021, 11, 3767.	2.5	20
14	Fault tolerant deterministic quantum communications using GHZ states over collective-noise channels. Quantum Information Processing, 2013, 12, 3043-3055.	2.2	18
15	Controlled Deterministic Secure Quantum Communication Based on Quantum Search Algorithm. International Journal of Theoretical Physics, 2012, 51, 2447-2454.	1.2	17
16	Deterministic quantum communication using the symmetric W state. Science China: Physics, Mechanics and Astronomy, 2013, 56, 1903-1908.	5.1	17
17	Advanced semi-quantum secure direct communication protocol based on bell states against flip attack. Quantum Information Processing, 2020, 19, 1.	2.2	16
18	Multiparty mediated quantum secret sharing protocol. Quantum Information Processing, 2022, 21, .	2.2	16

#	ARTICLE	IF	CITATIONS
19	Comment on "Quantum Key Distribution and Quantum Authentication Based on Entangled State". International Journal of Theoretical Physics, 2011, 50, 2703-2707.	1.2	15
20	Lightweight mediated semi-quantum key distribution protocol. Modern Physics Letters A, 2019, 34, 1950281.	1.2	14
21	Exploring Computational Thinking Skills Training Through Augmented Reality and AIoT Learning. Frontiers in Psychology, 2021, 12, 640115.	2.1	14
22	Cryptanalysis and Improvement of the Semi-Quantum Key Distribution Robust against Combined Collective Noise. International Journal of Theoretical Physics, 2019, 58, 2244-2250.	1.2	13
23	Cryptanalysis of limited resource semi-quantum secret sharing. Quantum Information Processing, 2020, 19, 1.	2.2	12
24	Improving the Security of "High-Capacity Quantum Summation with Single Photons in both Polarization and Spatial-Mode Degrees of Freedom". International Journal of Theoretical Physics, 2019, 58, 2213-2217.	1.2	10
25	Cryptanalysis and improvement in semi-quantum private comparison based on Bell states. Quantum Information Processing, 2021, 20, 1.	2.2	9
26	Lightweight mediated semi-quantum key distribution protocol with a dishonest third party based on Bell states. Scientific Reports, 2021, 11, 23222.	3.3	9
27	Intercept-and-resend attack and improvement of semiquantum secure direct communication using EPR pairs. Quantum Information Processing, 2019, 18, 1.	2.2	8
28	Double CNOT attack on "Quantum key distribution with limited classical Bob". International Journal of Quantum Information, 2019, 17, 1975001.	1.1	8
29	Improved dynamic multiparty quantum direct secret sharing protocol based on generalized GHZ states to prevent collusion attack. Modern Physics Letters A, 2020, 35, 2050040.	1.2	8
30	Efficient and Secure Measure-Resend Authenticated Semi-Quantum Key Distribution Protocol against Reflecting Attack. Mathematics, 2022, 10, 1241.	2.2	8
31	Feature Extraction of Anomaly Electricity Usage Behavior in Residence Using Autoencoder. Electronics (Switzerland), 2022, 11, 1450.	3.1	6
32	Collective Attack and Improvement on "Mediated Semi-Quantum Key Distribution Using Single Photons". Annalen Der Physik, 2020, 532, 1900493.	2.4	5
33	Authenticated Semi-Quantum Key Distribution Protocol Based on W States. Sensors, 2022, 22, 4998.	3.8	5
34	A Large Payload Data Hiding Scheme Using Scalable Secret Reference Matrix. Symmetry, 2022, 14, 828.	2.2	3
35	Cryptanalysis and Improvement on Authenticated Semi-quantum Direct Communication Protocol using Bell States. International Journal of Theoretical Physics, 2021, 60, 63-69.	1.2	2
36	Improvement on "Cryptanalysis and Improvement of a Multiparty Quantum Direct Secret Sharing of Classical Messages with Bell States and Bell Measurements". International Journal of Theoretical Physics, 2019, 58, 2341-2345.	1.2	1

#	ARTICLE	IF	CITATIONS
37	An Improved Protocol for Controlled Deterministic Secure Quantum Communication Using Five-Qubit Entangled State. International Journal of Theoretical Physics, 2018, 57, 1894-1902.	1.2	0
38	Cryptanalysis and Improvement in Multi-Party Quantum Key Distribution Protocol with New Bell States Encoding Mode. International Journal of Theoretical Physics, 2021, 60, 3599-3608.	1.2	0