

Guang-Bao Xu

List of Publications by Year in descending order

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25
papers

698
citations

471509

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580821

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25
times ranked

194
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Novel multiparty quantum key agreement protocol with GHZ states. Quantum Information Processing, 2014, 13, 2587-2594. | 2.2 | 118 |
| 2 | Quantum nonlocality of multipartite orthogonal product states. Physical Review A, 2016, 93, . | 2.5 | 87 |
| 3 | Arbitrary Quantum Signature Based on Local Indistinguishability of Orthogonal Product States. International Journal of Theoretical Physics, 2019, 58, 1036-1045. | 1.2 | 48 |
| 4 | Novel methods to construct nonlocal sets of orthogonal product states in an arbitrary bipartite high-dimensional system. Quantum Information Processing, 2021, 20, 1. | 2.2 | 43 |
| 5 | Quantum Voting Scheme Based on Locally Indistinguishable Orthogonal Product States. International Journal of Theoretical Physics, 2020, 59, 436-444. | 1.2 | 40 |
| 6 | Locally indistinguishable orthogonal product bases in arbitrary bipartite quantum system. Scientific Reports, 2016, 6, 31048. | 3.3 | 37 |
| 7 | A novel quantum group signature scheme without using entangled states. Quantum Information Processing, 2015, 14, 2577-2587. | 2.2 | 35 |
| 8 | Nonlocal sets of orthogonal product states in an arbitrary multipartite quantum system. Physical Review A, 2020, 102, . | 2.5 | 35 |
| 9 | Local indistinguishability of multipartite orthogonal product bases. Quantum Information Processing, 2017, 16, 1. | 2.2 | 34 |
| 10 | Novel Quantum Proxy Signature without Entanglement. International Journal of Theoretical Physics, 2015, 54, 2605-2612. | 1.2 | 27 |
| 11 | Characterizing unextendible product bases in qutrit-ququad system. Scientific Reports, 2015, 5, 11963. | 3.3 | 22 |
| 12 | Multiparty quantum key agreement protocol based on locally indistinguishable orthogonal product states. Quantum Information Processing, 2018, 17, 1. | 2.2 | 21 |
| 13 | Quantum key agreement with Bell states and Cluster states under collective noise channels. Quantum Information Processing, 2019, 18, 1. | 2.2 | 21 |
| 14 | Quantum Multi-proxy Blind Signature Scheme Based on Four-Qubit Cluster States. International Journal of Theoretical Physics, 2019, 58, 31-39. | 1.2 | 21 |
| 15 | Multi-Party Quantum Key Agreement Protocol with Bell States and Single Particles. International Journal of Theoretical Physics, 2019, 58, 1659-1666. | 1.2 | 19 |
| 16 | Multi-party quantum key agreement with four-qubit cluster states. Quantum Information Processing, 2019, 18, 1. | 2.2 | 18 |
| 17 | A Trusted Third-Party E-Payment Protocol Based on Locally Indistinguishable Orthogonal Product States. International Journal of Theoretical Physics, 2020, 59, 1442-1450. | 1.2 | 18 |
| 18 | A novel quantum multi-signature protocol based on locally indistinguishable orthogonal product states. Quantum Information Processing, 2019, 18, 1. | 2.2 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Multiparty Quantum Key Agreement with Four-Qubit Symmetric W State. International Journal of Theoretical Physics, 2018, 57, 3716-3726. | 1.2 | 15 |
| 20 | Quantum Voting Scheme with Greenberger-Horne-Zeilinger States. International Journal of Theoretical Physics, 2020, 59, 2599-2605. | 1.2 | 6 |
| 21 | Novel quantum proxy signature scheme based on orthogonal quantum product states. Modern Physics Letters B, 2020, 34, 2050172. | 1.9 | 6 |
| 22 | Novel quantum group signature scheme based on orthogonal product states. Modern Physics Letters B, 2021, 35, 2150418. | 1.9 | 6 |
| 23 | Novel Quantum Private Comparison Protocol Based on Locally Indistinguishable Product States. International Journal of Theoretical Physics, 2021, 60, 4122. | 1.2 | 2 |
| 24 | Semi-Quantum Voting Protocol. International Journal of Theoretical Physics, 2022, 61, 1. | 1.2 | 2 |
| 25 | Multi-party Quantum Key Agreement Against Collective Noise. Lecture Notes in Computer Science, 2018, , 141-155. | 1.3 | 1 |