

Shih-Yuin Lin

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

668
citations

623734

14
h-index

552781

26
g-index

33
all docs

33
docs citations

33
times ranked

266
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Quantum teleportation and entanglement swapping with long baseline in outer space. Classical and Quantum Gravity, 2021, 38, 165002. | 4.0 | 3 |
| 2 | Goals and feasibility of the deep space quantum link. , 2021, , . | | 4 |
| 3 | Notes on observational and radar coordinates for localized observers. Physical Review D, 2020, 101, . | 4.7 | 3 |
| 4 | Seeing through a nearly black star. Physical Review D, 2020, 102, . | 4.7 | 1 |
| 5 | Fluctuation-dissipation and correlation-propagation relations from the nonequilibrium dynamics of detector-quantum field systems. Physical Review D, 2019, 100, . | 4.7 | 14 |
| 6 | Fluctuation-dissipation and correlation-propagation relations in $(1+\epsilon^{-3})D$ moving detector-quantum field systems. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 694-699. | 4.1 | 11 |
| 7 | Unruh-DeWitt detectors as mirrors: Dynamical reflectivity and Casimir effect. Physical Review D, 2018, 98, . | 4.7 | 4 |
| 8 | Late-time quantum radiation by a uniformly accelerated detector in de Sitter spacetime. Physical Review D, 2018, 98, . | 4.7 | 2 |
| 9 | Quantum radiation by an Unruh-DeWitt detector in oscillatory motion. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 6 |
| 10 | Radiation by an Unruh-DeWitt detector in oscillatory motion. , 2017, , . | | 1 |
| 11 | Entanglement dynamics of detectors in an Einstein cylinder. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 15 |
| 12 | Mirror-field entanglement in a microscopic model for quantum optomechanics. Physical Review A, 2015, 92, . | 2.5 | 15 |
| 13 | Quantum teleportation between moving detectors. Physical Review D, 2015, 91, . | 4.7 | 21 |
| 14 | Notes on nonlocal projective measurements in relativistic systems. Annals of Physics, 2014, 351, 773-786. | 2.8 | 8 |
| 15 | Boundary effects on quantum entanglement and its dynamics in a detector-field system. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 7 |
| 16 | Unruh effect under non-equilibrium conditions: oscillatory motion of an Unruh-DeWitt detector. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 41 |
| 17 | Entanglement dynamics between inertial and non-uniformly accelerated detectors. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 44 |
| 18 | Instantaneous spatially local projective measurements are consistent in a relativistic quantum field. Annals of Physics, 2012, 327, 3102-3115. | 2.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Relativistic quantum information in detectorsâ€field interactions. Classical and Quantum Gravity, 2012, 29, 224005. | 4.0 | 71 |
| 20 | Dynamics of Unruh-DeWitt detectors in a relativistic quantum field. Journal of Physics: Conference Series, 2011, 306, 012060. | 0.4 | 2 |
| 21 | Quantum states and local projective measurement in a relativistic field. Journal of Physics: Conference Series, 2011, 330, 012004. | 0.4 | 1 |
| 22 | Entanglement creation between two causally disconnected objects. Physical Review D, 2010, 81, . | 4.7 | 63 |
| 23 | Quantum entanglement and entropy in particle creation. Physical Review D, 2010, 81, . | 4.7 | 21 |
| 24 | Temporal and spatial dependence of quantum entanglement from a field theory perspective. Physical Review D, 2009, 79, . | 4.7 | 44 |
| 25 | Entanglement, recoherence and information flow in an accelerated detectorâ€quantum field system: implications for the black hole information issue. Classical and Quantum Gravity, 2008, 25, 154004. | 4.0 | 16 |
| 26 | Disentanglement of two harmonic oscillators in relativistic motion. Physical Review D, 2008, 78, . | 4.7 | 50 |
| 27 | Backreaction and the Unruh effect: New insights from exact solutions of uniformly accelerated detectors. Physical Review D, 2007, 76, . | 4.7 | 73 |
| 28 | New Insights into Uniformly Accelerated Detector in a Quantum Field. Foundations of Physics, 2007, 37, 480-490. | 1.3 | 7 |
| 29 | Accelerated detector-quantum field correlations: From vacuum fluctuations to radiation flux. Physical Review D, 2006, 73, . | 4.7 | 69 |
| 30 | Electromagnetic and gravitational self-force on a relativistic particle from quantum fields in curved space. Physical Review D, 2006, 74, . | 4.7 | 33 |
| 31 | Uniformly Accelerated Detector in (3+1)D Spacetime: From Vacuum Fluctuations to Radiation Flux. , 2006, , . | | 0 |
| 32 | Unruh-DeWitt-type monopole detector in (3+1)-dimensional space-time. Physical Review D, 2003, 68, . | 4.7 | 6 |
| 33 | Relativistic quantum bouncing particles in a homogeneous gravitational field. International Journal of Modern Physics D, 0, , 2150098. | 2.1 | 4 |