

Noah Graham

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,260
citations

516710

16
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

465
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Quantum corrections to soliton energies. International Journal of Modern Physics A, 2022, 37, . | 1.5 | 11 |
| 2 | Something Can Come of Nothing: Surface Approaches to Quantum Fluctuations and the Casimir Force. Annual Review of Nuclear and Particle Science, 2022, 72, 93-118. | 10.2 | 5 |
| 3 | Near Field Propulsion Forces from Nonreciprocal Media. Physical Review Letters, 2021, 126, 170401. | 7.8 | 18 |
| 4 | Winding number dependence of quantum vortex energies at one-loop. Physical Review D, 2021, 104, . | 4.7 | 3 |
| 5 | Vacuum polarization energy of a complex scalar field in a vortex background. Physical Review D, 2020, 101, . | 4.7 | 3 |
| 6 | Non-factive Understanding: A Statement and Defense. Journal for General Philosophy of Science, 2019, 50, 345-365. | 1.4 | 9 |
| 7 | Spectral methods for coupled channels with a mass gap. Physical Review D, 2018, 97, . | 4.7 | 6 |
| 8 | Electromagnetic Casimir energy of a disk opposite a plane. Physical Review A, 2016, 94, . | 2.5 | 2 |
| 9 | Isospin invariance and the vacuum polarization energy of cosmic strings. Physical Review D, 2016, 94, . | 4.7 | 4 |
| 10 | Quantum stabilization of cosmic strings. Modern Physics Letters A, 2015, 30, 1530022. | 1.2 | 4 |
| 11 | Casimir energy of frequency dependent interactions. Physical Review D, 2014, 90, . | 4.7 | 0 |
| 12 | Transition to order after hilltop inflation. Physical Review D, 2014, 89, . | 4.7 | 64 |
| 13 | Radiatively induced symmetry breaking and the conformally coupled magnetic monopole in AdS space. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 4 |
| 14 | Quantum stabilization of a closed Nielsen-Olesen string. Physical Review D, 2013, 87, . | 4.7 | 4 |
| 15 | COSMIC STRINGS STABILIZED BY FERMION FLUCTUATIONS. International Journal of Modern Physics A, 2012, 27, 1260016. | 1.5 | 2 |
| 16 | COSMIC STRINGS STABILIZED BY FERMION FLUCTUATIONS. International Journal of Modern Physics Conference Series, 2012, 14, 215-229. | 0.7 | 1 |
| 17 | Fermion energies in the background of a cosmic string. Physical Review D, 2011, 84, . | 4.7 | 13 |
| 18 | Generation of coherent structures after cosmic inflation. Physical Review D, 2011, 83, . | 4.7 | 52 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Electromagnetic Casimir forces of parabolic cylinder and knife-edge geometries. Physical Review D, 2011, 83, . | 4.7 | 16 |
| 20 | Casimir force at a knife's edge. Physical Review D, 2010, 81, . | 4.7 | 31 |
| 21 | Long-lived time-dependent remnants during cosmological symmetry breaking: From inflation to the electroweak scale. Physical Review D, 2010, 82, . | 4.7 | 29 |
| 22 | Orientation dependence of Casimir forces. Physical Review A, 2009, 79, . | 2.5 | 44 |
| 23 | Scattering theory approach to electrodynamic Casimir forces. Physical Review D, 2009, 80, . | 4.7 | 269 |
| 24 | Casimir forces between compact objects: The scalar case. Physical Review D, 2008, 77, . | 4.7 | 130 |
| 25 | An Electroweak Oscillon. Physical Review Letters, 2007, 98, 101801. | 7.8 | 67 |
| 26 | Quantum QED flux tubes in and dimensions. Nuclear Physics B, 2005, 707, 233-277. | 2.5 | 25 |
| 27 | CASIMIR EFFECTS IN RENORMALIZABLE QUANTUM FIELD THEORIES. International Journal of Modern Physics A, 2002, 17, 846-869. | 1.5 | 62 |
| 28 | Searching for quantum solitons in a (3+1)-dimensional chiral Yukawa model. Nuclear Physics B, 2002, 630, 241-268. | 2.5 | 25 |
| 29 | Calculating vacuum energies in renormalizable quantum field theories:. Nuclear Physics B, 2002, 645, 49-84. | 2.5 | 203 |
| 30 | Fractional and integer charges from Levinson's theorem. Nuclear Physics B, 2001, 595, 536-550. | 2.5 | 28 |
| 31 | Quantum Energies of Interfaces. Physical Review Letters, 2001, 87, 131601. | 7.8 | 44 |
| 32 | Energy, central charge, and the BPS bound for 1 + 1-dimensional supersymmetric solitons. Nuclear Physics B, 1999, 544, 432-447. | 2.5 | 73 |