

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	Scattering theory approach to electrodynamic Casimir forces. <i>Physical Review D</i> , 2009, 80, .	4.7	269
2	Calculating vacuum energies in renormalizable quantum field theories:. <i>Nuclear Physics B</i> , 2002, 645, 49-84.	2.5	203
3	Casimir forces between compact objects: The scalar case. <i>Physical Review D</i> , 2008, 77, .	4.7	130
4	Energy, central charge, and the BPS bound for 1 + 1-dimensional supersymmetric solitons. <i>Nuclear Physics B</i> , 1999, 544, 432-447.	2.5	73
5	An Electroweak Oscillon. <i>Physical Review Letters</i> , 2007, 98, 101801.	7.8	67
6	Transition to order after hilltop inflation. <i>Physical Review D</i> , 2014, 89, .	4.7	64
7	CASIMIR EFFECTS IN RENORMALIZABLE QUANTUM FIELD THEORIES. <i>International Journal of Modern Physics A</i> , 2002, 17, 846-869.	1.5	62
8	Generation of coherent structures after cosmic inflation. <i>Physical Review D</i> , 2011, 83, .	4.7	52
9	Quantum Energies of Interfaces. <i>Physical Review Letters</i> , 2001, 87, 131601.	7.8	44
10	Orientation dependence of Casimir forces. <i>Physical Review A</i> , 2009, 79, .	2.5	44
11	Casimir force at a knife-edge's edge. <i>Physical Review D</i> , 2010, 81, .	4.7	31
12	Long-lived time-dependent remnants during cosmological symmetry breaking: From inflation to the electroweak scale. <i>Physical Review D</i> , 2010, 82, .	4.7	29
13	Fractional and integer charges from Levinson's theorem. <i>Nuclear Physics B</i> , 2001, 595, 536-550.	2.5	28
14	Searching for quantum solitons in a (3+1)-dimensional chiral Yukawa model. <i>Nuclear Physics B</i> , 2002, 630, 241-268.	2.5	25
15	Quantum QED flux tubes in and dimensions. <i>Nuclear Physics B</i> , 2005, 707, 233-277.	2.5	25
16	Near Field Propulsion Forces from Nonreciprocal Media. <i>Physical Review Letters</i> , 2021, 126, 170401.	7.8	18
17	Electromagnetic Casimir forces of parabolic cylinder and knife-edge geometries. <i>Physical Review D</i> , 2011, 83, .	4.7	16
18	Fermion energies in the background of a cosmic string. <i>Physical Review D</i> , 2011, 84, .	4.7	13

#	ARTICLE	IF	CITATIONS
19	Quantum corrections to soliton energies. International Journal of Modern Physics A, 2022, 37, .	1.5	11
20	Non-factive Understanding: A Statement and Defense. Journal for General Philosophy of Science, 2019, 50, 345-365.	1.4	9
21	Spectral methods for coupled channels with a mass gap. Physical Review D, 2018, 97, .	4.7	6
22	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
23	Radiatively induced symmetry breaking and the conformally coupled magnetic monopole in AdS space. Journal of High Energy Physics, 2013, 2013, 1.	4.7	4
24	Quantum stabilization of a closed Nielsen-Olesen string. Physical Review D, 2013, 87, .	4.7	4
25	Quantum stabilization of cosmic strings. Modern Physics Letters A, 2015, 30, 1530022.	1.2	4
26	Isospin invariance and the vacuum polarization energy of cosmic strings. Physical Review D, 2016, 94, .	4.7	4
27	Vacuum polarization energy of a complex scalar field in a vortex background. Physical Review D, 2020, 101, .	4.7	3
28	Winding number dependence of quantum vortex energies at one-loop. Physical Review D, 2021, 104, .	4.7	3
29	COSMIC STRINGS STABILIZED BY FERMION FLUCTUATIONS. International Journal of Modern Physics A, 2012, 27, 1260016.	1.5	2
30	Electromagnetic Casimir energy of a disk opposite a plane. Physical Review A, 2016, 94, .	2.5	2
31	COSMIC STRINGS STABILIZED BY FERMION FLUCTUATIONS. International Journal of Modern Physics Conference Series, 2012, 14, 215-229.	0.7	1
32	Casimir energy of frequency dependent interactions. Physical Review D, 2014, 90, .	4.7	0