

Jarah Evslin

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,131
citations

623734

14
h-index

395702

33
g-index

61
all docs

61
docs citations

61
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonabelian superconductors: vortices and confinement in SQCD. Nuclear Physics B, 2003, 673, 187-216.	2.5	369
2	T-Duality: Topology Change from H-Flux. Communications in Mathematical Physics, 2004, 249, 383-415.	2.2	171
3	Topology and H-Flux of T-Dual Manifolds. Physical Review Letters, 2004, 92, 181601.	7.8	72
4	Price of shifting the Hubble constant. Physical Review D, 2018, 97, .	4.7	44
5	The origin of proton mass from J/ψ photo-production data. European Physical Journal C, 2020, 80, 1.	3.9	37
6	Confidence in a neutrino mass hierarchy determination. Journal of High Energy Physics, 2014, 2014, 1.	4.7	32
7	Manifestly finite derivation of the quantum kink mass. Journal of High Energy Physics, 2019, 2019, 1.	4.7	29
8	Extracting nuclear form factors with coherent neutrino scattering. Physical Review D, 2018, 97, .	4.7	26
9	Mass hierarchy determination using neutrinos from multiple reactors. Journal of High Energy Physics, 2012, 2012, 1.	4.7	25
10	The neutrino mass hierarchy at reactor experiments now that $\hat{\theta}_{13}$ is large. Journal of High Energy Physics, 2013, 2013, 1.	4.7	20
11	Two-loop scalar kinks. Physical Review D, 2021, 103, .	4.7	18
12	The leptonic CP phase from $T_2(H)K$ and $\hat{1}/4$ + decay at rest. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
13	Isolating the Lyman alpha forest BAO anomaly. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 024-024.	5.4	16
14	Neutrino physics with accelerator driven subcritical reactors. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
15	Normal ordering normal modes. European Physical Journal C, 2021, 81, 1.	3.9	13
16	Stability of closed timelike curves in a Galileon model. Journal of High Energy Physics, 2012, 2012, 1.	4.7	12
17	Well-defined quantum soliton masses without supersymmetry. Physical Review D, 2020, 101, .	4.7	12
18	Production and decay of K^0 -shell hollow krypton in collisions with 52-keV 197-MeV/u bare xenon ions. Physical Review A, 2017, 96, .	2.5	11

#	ARTICLE	IF	CITATIONS
19	Photon mixing in domain walls and the cosmic coincidence problem. <i>Journal of Cosmology and Astroparticle Physics</i> , 2006, 2006, 011-011.	5.4	10
20	Spectral walls at one loop. <i>Physical Review D</i> , 2022, 105, .	4.7	10
21	The reactor anomaly after Daya Bay and RENO. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	9
22	The leptonic CP phase from muon decay at rest with two detectors. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	9
23	Non-Abelian vortices with an Aharonov-Bohm effect. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	9
24	$\langle \text{kink mass at two loops} \rangle$ Physical Review D, 2021, 104, .	4.7	9
25	Showering cosmogenic muons in a large liquid scintillator. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	8
26	Global monopoles of charge 2. <i>Physical Review D</i> , 2015, 92, .	4.7	8
27	What can <i>Gaia</i> (with Thirty Meter Telescope) say about the Sculptor Dwarf's Core?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015, 452, L41-L44.	3.3	7
28	Calibrating effective Ia supernova magnitudes using the distance duality relation. <i>Physics of the Dark Universe</i> , 2016, 14, 57-64.	4.9	7
29	Symmetry group and group representations associated with the thermodynamic covariance principle. <i>Physical Review E</i> , 2016, 94, 042103.	2.1	7
30	Entangled neutrino states in a toy model QFT. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	7
31	The two-loop \tilde{I}_4 kink mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 822, 136628.	4.1	7
32	Proton and deuteron mass radii from near-threshold \tilde{I}_4 -meson photoproduction. <i>Physical Review D</i> , 2021, 104, .	4.7	7
33	Spherical T-duality II: An infinity of spherical T-duals for non-principal SU(2)-bundles. <i>Journal of Geometry and Physics</i> , 2015, 92, 46-54.	1.4	6
34	Model-independent dark energy equation of state from unanchored baryon acoustic oscillations. <i>Physics of the Dark Universe</i> , 2016, 13, 126-131.	4.9	6
35	Geometry and dynamics of a coupled 4D-2D quantum field theory. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	6
36	Evidence for the unbinding of the \tilde{I}_4 kink's shape mode. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	6

#	ARTICLE	IF	CITATIONS
37	Excited Kinks as Quantum States. European Physical Journal C, 2021, 81, 1.	3.9	6
38	Vetoing cosmogenic muons in a large liquid scintillator. Journal of High Energy Physics, 2015, 2015, 1.	4.7	5
39	Spherical T-Duality. Communications in Mathematical Physics, 2015, 337, 909-954.	2.2	5
40	Alternative to collective coordinates. Physical Review D, 2021, 103, .	4.7	5
41	Approximate neutrino oscillations in the vacuum. European Physical Journal C, 2021, 81, 1.	3.9	5
42	The ground state of the sine-Gordon soliton. Journal of High Energy Physics, 2020, 2020, 1.	4.7	5
43	Finite derivation of the one-loop sine-Gordon soliton mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
44	Moving kinks and their wave packets. Physical Review D, 2022, 105, .	4.7	4
45	A ROBUST MEASURE OF DARK MATTER HALO ELLIPTICITIES. Astrophysical Journal Letters, 2016, 826, L23.	8.3	2
46	Spiked monopoles. Journal of High Energy Physics, 2018, 2018, 1.	4.7	2
47	Measuring entangled neutrino states in a toy model QFT. Nuclear Physics B, 2020, 958, 115113.	2.5	2
48	Form factors for meson-kink scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137177.	4.1	2
49	Slow Burgers vortices in hot conformal fluids. Journal of High Energy Physics, 2011, 2011, 1.	4.7	1
50	CHALLENGES CONFRONTING SUPERLUMINAL NEUTRINO MODELS. International Journal of Modern Physics Conference Series, 2012, 10, 159-168.	0.7	1
51	Synchrotron VUV-UV and positron lifetime spectroscopy study of vacancy-type defects in reactor neutron-irradiated $Mg_{0.5}^{1/2}Al_{1.5}^{1/2}O_3$ ($n = 2$). Cogent Physics, 2016, 3, .	0.7	1
52	Quantifying Departures from Equilibrium with the Spherical Jeans Equation. Astrophysical Journal, 2017, 841, 90.	4.5	1
53	Getting the most neutrinos out of IsoDAR. European Physical Journal C, 2017, 77, 1.	3.9	1
54	Spherical T-duality and the spherical Fourier-Mukai transform. Journal of Geometry and Physics, 2018, 133, 303-314.	1.4	1

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55	Wave packets losing their covariance. Nuclear Physics B, 2020, 953, 114972.	2.5	1
56	Perturbative ground states of the 1+1d double-well. European Physical Journal C, 2020, 80, 1.	3.9	1
57	Removing tadpoles in a soliton sector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
58	A sterile neutrino search at compact materials irradiation facility. European Physical Journal C, 2020, 80, 1.	3.9	0
59	Addendum to: Continuum limit Tonks-Girardeau matrix elements. Part I. The ground state and the uniform density state. Journal of High Energy Physics, 2020, 2020, 1.	4.7	0
60	Continuum limit Tonks-Girardeau matrix elements. Part I. The ground state and the uniform density state. Journal of High Energy Physics, 2019, 2019, 1.	4.7	0