

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	Moving kinks and their wave packets. Physical Review D, 2022, 105, .	4.7	4
2	Form factors for meson-kink scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 830, 137177.	4.1	2
3	Spectral walls at one loop. Physical Review D, 2022, 105, .	4.7	10
4	Normal ordering normal modes. European Physical Journal C, 2021, 81, 1.	3.9	13
5	Alternative to collective coordinates. Physical Review D, 2021, 103, .	4.7	5
6	Approximate neutrino oscillations in the vacuum. European Physical Journal C, 2021, 81, 1.	3.9	5
7	Two-loop scalar kinks. Physical Review D, 2021, 103, .	4.7	18
8	Evidence for the unbinding of the ϕ^4 kink's shape mode. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
9	The two-loop ϕ^4 kink mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136628.	4.1	7
10	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:m} \sup \langle \text{mml:mi} \rangle \ddot{\phi} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:m} \sup \rangle \langle \text{mml:math} \rangle$ kink mass at two loops. Physical Review D, 2021, 104, .	4.7	9
11	Proton and deuteron mass radii from near-threshold $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \ddot{\phi} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ -meson photoproduction. Physical Review D, 2021, 104, .	4.7	7
12	Excited Kinks as Quantum States. European Physical Journal C, 2021, 81, 1.	3.9	6
13	Removing tadpoles in a soliton sector. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
14	Measuring entangled neutrino states in a toy model QFT. Nuclear Physics B, 2020, 958, 115113.	2.5	2
15	The origin of proton mass from J/ψ photo-production data. European Physical Journal C, 2020, 80, 1.	3.9	37
16	Well-defined quantum soliton masses without supersymmetry. Physical Review D, 2020, 101, .	4.7	12
17	Finite derivation of the one-loop sine-Gordon soliton mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
18	A sterile neutrino search at compact materials irradiation facility. European Physical Journal C, 2020, 80, 1.	3.9	0

#	ARTICLE	IF	CITATIONS
19	Wave packets losing their covariance. Nuclear Physics B, 2020, 953, 114972.	2.5	1
20	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
21	The ground state of the sine-Gordon soliton. Journal of High Energy Physics, 2020, 2020, 1.	4.7	5
22	Perturbative ground states of the 1+1d double-well. European Physical Journal C, 2020, 80, 1.	3.9	1
23	Entangled neutrino states in a toy model QFT. European Physical Journal C, 2019, 79, 1.	3.9	7
24	Manifestly finite derivation of the quantum kink mass. Journal of High Energy Physics, 2019, 2019, 1.	4.7	29
25	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
26	Spiked monopoles. Journal of High Energy Physics, 2018, 2018, 1.	4.7	2
27	Price of shifting the Hubble constant. Physical Review D, 2018, 97, .	4.7	44
28	Extracting nuclear form factors with coherent neutrino scattering. Physical Review D, 2018, 97, .	4.7	26
29	Spherical T-duality and the spherical Fourierâ€“Mukai transform. Journal of Geometry and Physics, 2018, 133, 303-314.	1.4	1
30	Isolating the Lyman alpha forest BAO anomaly. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 024-024.	5.4	16
31	Quantifying Departures from Equilibrium with the Spherical Jeans Equation. Astrophysical Journal, 2017, 841, 90.	4.5	1
32	Production and decay of K^- -shell hollow krypton in collisions with ^{52}Kr 197-MeV/u bare xenon ions. Physical Review A, 2017, 96, .	2.5	11
33	Getting the most neutrinos out of IsoDAR. European Physical Journal C, 2017, 77, 1.	3.9	1
34	Calibrating effective Ia supernova magnitudes using the distance duality relation. Physics of the Dark Universe, 2016, 14, 57-64.	4.9	7
35	Symmetry group and group representations associated with the thermodynamic covariance principle. Physical Review E, 2016, 94, 042103.	2.1	7
36	A ROBUST MEASURE OF DARK MATTER HALO ELLIPTICITIES. Astrophysical Journal Letters, 2016, 826, L23.	8.3	2

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37	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
38	Geometry and dynamics of a coupled 4D-2D quantum field theory. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	6
39	The leptonic CP phase from $T_2(H)K$ and $\hat{1}/4 +$ decay at rest. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	16
40	Synchrotron VUV-UV and positron lifetime spectroscopy study of vacancy-type defects in reactor neutron-irradiated $MgO_{1/2}Al_{1/2}O_3$ ($n = 2$). <i>Cogent Physics</i> , 2016, 3, .	0.7	1
41	Neutrino physics with accelerator driven subcritical reactors. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	14
42	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
43	Global monopoles of charge 2. <i>Physical Review D</i> , 2015, 92, .	4.7	8
44	Vetoing cosmogenic muons in a large liquid scintillator. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	5
45	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
46	Spherical T-Duality. <i>Communications in Mathematical Physics</i> , 2015, 337, 909-954.	2.2	5
47	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
48	Confidence in a neutrino mass hierarchy determination. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	32
49	Non-Abelian vortices with an Aharonov-Bohm effect. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	9
50	Showering cosmogenic muons in a large liquid scintillator. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	8
51	The neutrino mass hierarchy at reactor experiments now that $\hat{1}, 13$ is large. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	20
52	CHALLENGES CONFRONTING SUPERLUMINAL NEUTRINO MODELS. <i>International Journal of Modern Physics Conference Series</i> , 2012, 10, 159-168.	0.7	1
53	The reactor anomaly after Daya Bay and RENO. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	9
54	Mass hierarchy determination using neutrinos from multiple reactors. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	25

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55	Stability of closed timelike curves in a Galileon model. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	12
56	Slow Burgers vortices in hot conformal fluids. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	1
57	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
58	Topology and H-Flux of T-Dual Manifolds. <i>Physical Review Letters</i> , 2004, 92, 181601.	7.8	72
59	T-Duality: Topology Change from H-Flux. <i>Communications in Mathematical Physics</i> , 2004, 249, 383-415.	2.2	171
60	Nonabelian superconductors: vortices and confinement in SQCD. <i>Nuclear Physics B</i> , 2003, 673, 187-216.	2.5	369