

Jonathan Kozaczuk

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

3,149
citations

279798

23
h-index

315739

38
g-index

38
all docs

38
docs citations

38
times ranked

5260
citing authors

#	ARTICLE	IF	CITATIONS
1	python package for dark matter scattering in dielectric targets. Physical Review D, 2022, 105, .	4.7	32
2	Dark matter-electron scattering in dielectrics. Physical Review D, 2021, 104, .	4.7	36
3	Migdal Effect in Semiconductors. Physical Review Letters, 2021, 127, 081805.	7.8	48
4	Uncovering an axion mechanism with the EDM portfolio. Physical Review D, 2021, 104, .	4.7	6
5	Exotic Higgs boson decays and the electroweak phase transition. Physical Review D, 2020, 101, .	4.7	33
6	Plasmon production from dark matter scattering. Physical Review D, 2020, 101, .	4.7	16
7	Detecting gravitational waves from cosmological phase transitions with LISA: an update. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 024-024.	5.4	373
8	Precision inclusive Higgs physics at e^+e^- colliders with tracking detectors and without calorimetry. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
9	Dark matter targets for axionlike particle searches. Physical Review D, 2019, 100, .	4.7	34
10	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	2.6	367
11	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	2.6	108
12	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	2.6	424
13	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	3.9	346
14	Indirect signs of the Peccei-Quinn mechanism. Physical Review D, 2019, 99, .	4.7	11
15	Nonperturbative analysis of the gravitational waves from a first-order electroweak phase transition. Physical Review D, 2019, 100, .	4.7	60
16	Dark photons from nuclear transitions. Physical Review D, 2018, 97, .	4.7	14
17	Exploring leptophilic dark matter with NA64- $\tilde{\chi}_1^0$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
18	Theta in new QCD-like sectors. Physical Review D, 2018, 98, .	4.7	13

#	ARTICLE	IF	CITATIONS
19	Light axial vector bosons, nuclear transitions, and the 8Be anomaly. <i>Physical Review D</i> , 2017, 95, .	4.7	42
20	Transplanckian censorship and global cosmic strings. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	29
21	Non-resonant collider signatures of a singlet-driven electroweak phase transition. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	41
22	Compressing the inert doublet model. <i>Physical Review D</i> , 2016, 93, .	4.7	29
23	Science with the space-based interferometer eLISA. II: gravitational waves from cosmological phase transitions. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 001-001.	5.4	536
24	Electroweak baryogenesis from exotic electroweak symmetry breaking. <i>Physical Review D</i> , 2015, 92, .	4.7	74
25	The Gravity Probe B test of general relativity. <i>Classical and Quantum Gravity</i> , 2015, 32, 224001.	4.0	99
26	Bubble expansion and the viability of singlet-driven electroweak baryogenesis. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	108
27	Gravity Probe B data analysis: II. Science data and their handling prior to the final analysis. <i>Classical and Quantum Gravity</i> , 2015, 32, 224019.	4.0	3
28	Confronting the moduli-induced lightest-superpartner problem. <i>Physical Review D</i> , 2015, 91, .	4.7	17
29	Cosmological phase transitions and their properties in the NMSSM. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	75
30	Extending LHC coverage to light pseudoscalar mediators and coy dark sectors. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	32
31	Light NMSSM neutralino dark matter in the wake of CDMS II and a 126 GeV Higgs boson. <i>Physical Review D</i> , 2014, 89, .	4.7	31
32	Multiple cosmic collisions and the microwave background power spectrum. <i>Physical Review D</i> , 2013, 87, .	4.7	9
33	Accidental supersymmetric dark matter and baryogenesis. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 027-027.	5.4	4
34	Electroweak baryogenesis and the Fermi gamma-ray line. <i>Physical Review D</i> , 2013, 87, .	4.7	16
35	Supersymmetric electroweak baryogenesis via resonant sfermion sources. <i>Physical Review D</i> , 2012, 86, .	4.7	16
36	Closing in on supersymmetric electroweak baryogenesis with dark matter searches and the Large Hadron Collider. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 031-031.	5.4	15

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37	Nanohertz frequency determination for the gravity probe B high frequency superconducting quantum interference device signal. <i>Review of Scientific Instruments</i> , 2011, 82, 125110.	1.3	4
38	Polhode Motion, Trapped Flux, and the GP-B Science Data Analysis. <i>Space Science Reviews</i> , 2009, 148, 397-409.	8.1	17