

Jonathan Kozaczuk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3258268/publications.pdf>

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	Science with the space-based interferometer eLISA. II: gravitational waves from cosmological phase transitions. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 001-001.	5.4	536
2	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	2.6	424
3	Detecting gravitational waves from cosmological phase transitions with LISA: an update. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 024-024.	5.4	373
4	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	2.6	367
5	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	3.9	346
6	Bubble expansion and the viability of singlet-driven electroweak baryogenesis. Journal of High Energy Physics, 2015, 2015, 1.	4.7	108
7	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	2.6	108
8	The Gravity Probe B test of general relativity. Classical and Quantum Gravity, 2015, 32, 224001.	4.0	99
9	Cosmological phase transitions and their properties in the NMSSM. Journal of High Energy Physics, 2015, 2015, 1.	4.7	75
10	Electroweak baryogenesis from exotic electroweak symmetry breaking. Physical Review D, 2015, 92, .	4.7	74
11	Nonperturbative analysis of the gravitational waves from a first-order electroweak phase transition. Physical Review D, 2019, 100, .	4.7	60
12	Migdal Effect in Semiconductors. Physical Review Letters, 2021, 127, 081805.	7.8	48
13	Light axial vector bosons, nuclear transitions, and the $\beta\beta$ anomaly. Physical Review D, 2017, 95, .	4.7	42
14	Non-resonant collider signatures of a singlet-driven electroweak phase transition. Journal of High Energy Physics, 2017, 2017, 1.	4.7	41
15	Dark matter-electron scattering in dielectrics. Physical Review D, 2021, 104, .	4.7	36
16	Dark matter targets for axionlike particle searches. Physical Review D, 2019, 100, .	4.7	34
17	Exotic Higgs boson decays and the electroweak phase transition. Physical Review D, 2020, 101, .	4.7	33
18	Extending LHC coverage to light pseudoscalar mediators and coy dark sectors. Journal of High Energy Physics, 2015, 2015, 1.	4.7	32

#	ARTICLE	IF	CITATIONS
19	python package for dark matter scattering in dielectric targets. Physical Review D, 2022, 105, .	4.7	32
20	Light NMSSM neutralino dark matter in the wake of CDMS II and a 126 GeV Higgs boson. Physical Review D, 2014, 89, .	4.7	31
21	Compressing the inert doublet model. Physical Review D, 2016, 93, .	4.7	29
22	Transplanckian censorship and global cosmic strings. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
23	Exploring leptophilic dark matter with NA64-1/4. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
24	Polhode Motion, Trapped Flux, and the GP-B Science Data Analysis. Space Science Reviews, 2009, 148, 397-409.	8.1	17
25	Confronting the moduli-induced lightest-superpartner problem. Physical Review D, 2015, 91, .	4.7	17
26	Supersymmetric electroweak baryogenesis via resonant sfermion sources. Physical Review D, 2012, 86, .	4.7	16
27	Electroweak baryogenesis and the Fermi gamma-ray line. Physical Review D, 2013, 87, .	4.7	16
28	Plasmon production from dark matter scattering. Physical Review D, 2020, 101, .	4.7	16
29	Closing in on supersymmetric electroweak baryogenesis with dark matter searches and the Large Hadron Collider. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 031-031.	5.4	15
30	Dark photons from nuclear transitions. Physical Review D, 2018, 97, .	4.7	14
31	Theta in new QCD-like sectors. Physical Review D, 2018, 98, .	4.7	13
32	Indirect signs of the Peccei-Quinn mechanism. Physical Review D, 2019, 99, .	4.7	11
33	Multiple cosmic collisions and the microwave background power spectrum. Physical Review D, 2013, 87, .	4.7	9
34	Uncovering an axion mechanism with the EDM portfolio. Physical Review D, 2021, 104, .	4.7	6
35	Nanohertz frequency determination for the gravity probe B high frequency superconducting quantum interference device signal. Review of Scientific Instruments, 2011, 82, 125110.	1.3	4
36	Accidental supersymmetric dark matter and baryogenesis. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 027-027.	5.4	4

#	ARTICLE	IF	CITATIONS
37	Gravity Probe B data analysis: II. Science data and their handling prior to the final analysis. Classical and Quantum Gravity, 2015, 32, 224019.	4.0	3
38	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