

Jessie Shelton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2854533/publications.pdf>

Version: 2024-02-01

48
papers

3,245
citations

201674

27
h-index

206112

48
g-index

49
all docs

49
docs citations

49
times ranked

6830
citing authors

#	ARTICLE	IF	CITATIONS
1	Singularities in the gravitational capture of dark matter through long-range interactions. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 016.	5.4	4
2	Cannibalism's lingering imprint on the matter power spectrum. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 017.	5.4	9
3	Exotic Higgs Decays. Annual Review of Nuclear and Particle Science, 2022, 72, 119-149.	10.2	9
4	Freeze-in, glaciation, and UV sensitivity from light mediators. Journal of High Energy Physics, 2022, 2022, .	4.7	4
5	Dark matter microhalos from simplified models. Physical Review D, 2021, 103, .	4.7	21
6	Cannibal domination and the matter power spectrum. Physical Review D, 2021, 103, .	4.7	15
7	Perturbative benchmark models for a dark shower search program. Physical Review D, 2021, 103, .	4.7	28
8	Exotic Higgs boson decays and the electroweak phase transition. Physical Review D, 2020, 101, .	4.7	33
9	Faint dark matter annihilation signals and the Milky Way's supermassive black hole. Physical Review D, 2020, 102, .	4.7	5
10	Stochastic evolution of scalar fields with continuous symmetries during inflation. Physical Review D, 2020, 102, .	4.7	10
11	Searching for low mass dark matter via phonon creation in superfluid ^4He . Physical Review D, 2020, 102, .	4.7	13
12	Leak-in dark matter. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
13	Searching for long-lived particles beyond the Standard Model at the Large Hadron Collider. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 090501.	3.6	133
14	A solar system test of self-interacting dark matter. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 022-022.	5.4	9
15	Reheating in two-sector cosmology. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13
16	Long-lived particles at the energy frontier: the MATHUSLA physics case. Reports on Progress in Physics, 2019, 82, 116201.	20.1	220
17	Search for gamma-ray emission from $p\bar{p}$ -wave dark matter annihilation in the Galactic Center. Physical Review D, 2019, 99, .	4.7	22
18	Tests of neutrino and dark radiation models from galaxy and CMB surveys. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 022-022.	5.4	16

#	ARTICLE	IF	CITATIONS
19	Looking for the WIMP next door. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	60
20	Testing Dark Decays of Baryons in Neutron Stars. <i>Physical Review Letters</i> , 2018, 121, 061801.	7.8	57
21	Chilly dark sectors and asymmetric reheating. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	79
22	Weak annihilation cusp inside the dark matter spike about a black hole. <i>Physical Review D</i> , 2016, 93, .	4.7	31
23	A facility to search for hidden particles at the CERN SPS: the SHiP physics case. <i>Reports on Progress in Physics</i> , 2016, 79, 124201.	20.1	496
24	Data-driven model-independent searches for long-lived particles at the LHC. <i>Physical Review D</i> , 2016, 94, .	4.7	24
25	Long-lived staus and displaced leptons at the LHC. <i>Journal of High Energy Physics</i> , 2016, 2016, 1-39.	4.7	36
26	Black Hole Window into $p\bar{p}$ -Wave Dark Matter Annihilation. <i>Physical Review Letters</i> , 2015, 115, 231302.	7.8	26
27	Illuminating dark photons with high-energy colliders. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	241
28	Galactic Center Gamma-Ray Excess from Dark Matter Annihilation: Is There a Black Hole Spike?. <i>Physical Review Letters</i> , 2014, 113, 151302.	7.8	74
29	Fitting the Galactic Center gamma-ray excess with cascade annihilations. <i>Physical Review D</i> , 2014, 90, .	4.7	86
30	Exotic decays of the 125 GeV Higgs boson. <i>Physical Review D</i> , 2014, 90, .	4.7	209
31	Direct and indirect detection of dissipative dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 059-059.	5.4	31
32	Open windows for a light axigluon explanation of $A_{\tau\tau}^{\text{FB}}$. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	17
33	Hunting Mixed Top Squark Decays. <i>Physical Review Letters</i> , 2013, 111, 121802.	7.8	52
34	Composite octet searches with jet substructure. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	20
35	Measuring the invisible Higgs width at the 7 and 8 TeV LHC. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	44
36	Gamma lines without a continuum: thermal models for the Fermi-LAT 130 GeV Gamma line. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	28

#	ARTICLE	IF	CITATIONS
37	Simplified models for LHC new physics searches. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 105005.	3.6	273
38	AFBtmeets LHC. Physical Review D, 2011, 84, .	4.7	28
39	Polarized view of the top asymmetry. Physical Review D, 2011, 84, .	4.7	51
40	Unburied Higgs boson: Jet substructure techniques for searching for Higgsâ€™ decay into gluons. Physical Review D, 2011, 84, .	4.7	19
41	Maximal flavor violation from new right-handed gauge bosons. Physical Review D, 2011, 83, .	4.7	26
42	Measuring the polarization of boosted hadronic tops. Journal of High Energy Physics, 2010, 2010, 1.	4.7	42
43	Darkogenesis: A baryon asymmetry from the dark matter sector. Physical Review D, 2010, 82, .	4.7	126
44	Probing supersymmetry with third-generation cascade decays. Journal of High Energy Physics, 2009, 2009, 039-039.	4.7	7
45	Polarized top quarks from new physics: Signals and observables. Physical Review D, 2009, 79, .	4.7	35
46	Generalized flux vacua. Journal of High Energy Physics, 2007, 2007, 095-095.	4.7	91
47	Searching for inflation in simple string theory models: An astrophysical perspective. Physical Review D, 2007, 76, .	4.7	29
48	Nongeometric flux compactifications. Journal of High Energy Physics, 2005, 2005, 085-085.	4.7	328