Matthew Reece

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8492263/publications.pdf

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73	4,088	94433	110387
papers	citations	37	64
		h-index	g-index

74	74	74	6093
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-relativistic effective theory of dark matter direct detection. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 042-042.	5.4	234
2	Long-lived particles at the energy frontier: the MATHUSLA physics case. Reports on Progress in Physics, 2019, 82, 116201.	20.1	220
3	Double-Disk Dark Matter. Physics of the Dark Universe, 2013, 2, 139-156.	4.9	205
4	In wino veritas? Indirect searches shed light on neutralino dark matter. Journal of High Energy Physics, 2013, 2013, 1.	4.7	166
5	Searching for the light dark gauge boson in GeV-scale experiments. Journal of High Energy Physics, 2009, 2009, 051-051.	4.7	164
6	Sharpening the weak gravity conjecture with dimensional reduction. Journal of High Energy Physics, 2016, 2016, 1.	4.7	147
7	Implications of a 125ÂGeV Higgs boson for the MSSM and low-scale supersymmetry breaking. Physical Review D, 2012, 85, .	4.7	145
8	Relic abundance of dark photon dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135136.	4.1	144
9	Toward a systematic holographic QCD: a braneless approach. Journal of High Energy Physics, 2007, 2007, 062-062.	4.7	137
10	Stealth supersymmetry. Journal of High Energy Physics, 2011, 2011, 1.	4.7	136
11	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
12	Dark-Disk Universe. Physical Review Letters, 2013, 110, 211302.	7.8	131
13	Evidence for a sublattice weak gravity conjecture. Journal of High Energy Physics, 2017, 2017, 1.	4.7	125
14	Emergence of Weak Coupling at Large Distance in Quantum Gravity. Physical Review Letters, 2018, 121, 051601.	7.8	108
15	The status of GMSB after 1/fb at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	99
16	The Weak Gravity Conjecture and emergence from an ultraviolet cutoff. European Physical Journal C, 2018, 78, 337.	3.9	94
17	Top partners at the CERN LHC: Spin and mass measurement. Physical Review D, 2006, 74, .	4.7	86
18	(Light) stop signs. Journal of High Energy Physics, 2012, 2012, 1.	4.7	76

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19	Non-invertible global symmetries and completeness of the spectrum. Journal of High Energy Physics, 2021, 2021, 1.	4.7	72
20	A stealth supersymmetry sampler. Journal of High Energy Physics, 2012, 2012, 1.	4.7	68
21	Experimental targets for photon couplings of the QCD axion. Journal of High Energy Physics, 2018, 2018, 1.	4.7	68
22	Weak gravity strongly constrains large-field axion inflation. Journal of High Energy Physics, 2015, 2015, 1-41.	4.7	60
23	Interpreting the electron EDM constraint. Journal of High Energy Physics, 2019, 2019, 1.	4.7	58
24	Repulsive forces and the weak gravity conjecture. Journal of High Energy Physics, 2019, 2019, 1.	4.7	58
25	Prompt decays of general neutralino NLSPs at the Tevatron. Journal of High Energy Physics, 2010, 2010, 1.	4.7	57
26	Photon masses in the landscape and the swampland. Journal of High Energy Physics, 2019, 2019, 1.	4.7	56
27	The muon Smasherâ€™s guide. Reports on Progress in Physics, 2022, 85, 084201.	20.1	56
28	Long-lived neutralino NLSPs. Journal of High Energy Physics, 2010, 2010, 1.	4.7	50
29	The S-parameter in holographic technicolor models. Journal of High Energy Physics, 2007, 2007, 003-003.	4.7	49
30	Possible futures of electroweak precision: ILC, FCC-ee, and CEPC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	47
31	Top and bottom: A brane of their own. Physical Review D, 2005, 72, .	4.7	46
32	Experimental considerations motivated by the diphoton excess at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	45
33	Dark Matter as a Trigger for Periodic Comet Impacts. Physical Review Letters, 2014, 112, 161301.	7.8	42
34	The AdS/QCD correspondence: still undelivered. Journal of High Energy Physics, 2009, 2009, 067-067.	4.7	40
35	Last electroweak WIMP standing: pseudo-dirac higgsino status and compact stars as future probes. Chinese Physics C, 2018, 42, 043105.	3.7	40
36	Vacuum instabilities with a wrong-sign Higgsâ€“gluonâ€“gluon amplitude. New Journal of Physics, 2013, 15, 043003.	2.9	39

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37	Electric dipole moments in natural supersymmetry. Journal of High Energy Physics, 2017, 2017, 1.	4.7	38
38	Clockwork axions in cosmology. Is chromonatural inflation chrononatural?. Journal of High Energy Physics, 2018, 2018, 1.	4.7	37
39	A new look at Higgs constraints on stops. Journal of High Energy Physics, 2014, 2014, 1.	4.7	36
40	Precision natural SUSY at CEPC, FCC-ee, and ILC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
41	Chern-Weil global symmetries and how quantum gravity avoids them. Journal of High Energy Physics, 2021, 2021, 1.	4.7	30
42	Probing charged matter through h â†' Î³Î³, gamma ray lines, and EDMs. Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
43	Cosmological dynamics of Higgs potential fine tuning. Physical Review D, 2019, 99, .	4.7	25
44	Challenges for an axion explanation of the muon g â^' 2 measurement. Journal of High Energy Physics, 2021, 2021, 1.	4.7	25
45	Missing scalars at the cosmological collider. Journal of High Energy Physics, 2021, 2021, 1.	4.7	25
46	Effective field theory and keV lines from dark matter. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 007-007.	5.4	24
47	Mitigating moduli messes in low-scale SUSY breaking. Journal of High Energy Physics, 2011, 2011, 1.	4.7	23
48	Single-scale natural SUSY. Journal of High Energy Physics, 2013, 2013, 1.	4.7	23
49	Nonthermal production of dark radiation and dark matter. Journal of High Energy Physics, 2016, 2016, 1.	4.7	22
50	The Weak Gravity Conjecture and axion strings. Journal of High Energy Physics, 2021, 2021, 1.	4.7	21
51	Stealth Supersymmetry simplified. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
52	Systematizing the effective theory of self-interacting dark matter. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
53	Naturalness, b â†' sÎ³, and SUSY heavy Higgses. Journal of High Energy Physics, 2014, 2014, 1.	4.7	16
54	Supersymmetric alignment models for (g â^' 2)Î¼. Journal of High Energy Physics, 2021, 2021, 1.	4.7	16

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55	Axion Mass from Magnetic Monopole Loops. Physical Review Letters, 2021, 127, 131602.	7.8	14
56	Randall-Sundrum and strings. Journal of High Energy Physics, 2010, 2010, 1.	4.7	13
57	Continuum-mediated dark matterâ€“baryon scattering. Physics of the Dark Universe, 2016, 12, 24-36.	4.9	13
58	Simple dark matter recipe for the 111 and 128ÂGeV Fermi-LAT lines. Physical Review D, 2013, 88, .	4.7	11
59	Axion experiments to algebraic geometry: Testing quantum gravity via the Weak Gravity Conjecture. International Journal of Modern Physics D, 2016, 25, 1643005.	2.1	10
60	Quasinormal modes of charged fields in Reissner-NordstrÃ¶m backgrounds by Borel-PadÃ© summation of Bender-Wu series. Physical Review D, 2020, 102, .	4.7	10
61	The efficacy of event isotropy as an event shape observable. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
62	Axion periodicity and coupling quantization in the presence of mixing. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
63	SUSY Higgs mass and collider signals with a Hidden Valley. Journal of High Energy Physics, 2016, 2016, 1.	4.7	7
64	Spheres to jets tuning event shapes with 5d simplified models. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
65	Spontaneous CP violation and horizontal symmetry in the MSSM: toward lepton flavor naturalness. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
66	An inflationary probe of cosmic Higgs switching. Journal of High Energy Physics, 2020, 2020, 1.	4.7	7
67	Complementary signals of lepton flavor violation at a high-energy muon collider. Journal of High Energy Physics, 2022, 2022, .	4.7	7
68	Physics at a Higgs factory. International Journal of Modern Physics A, 2016, 31, 1644003.	1.5	3
69	Deciphering the MSSM Higgs mass at future hadron colliders. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
70	The Status of AdSâ•QCD. , 2011, , .		2
71	SUSYâ€™s Ladder: reframing sequestering at Large Volume. Journal of High Energy Physics, 2016, 2016, 1-41.	4.7	1
72	FCC-ee and the high-energy physics landscape. European Physical Journal Plus, 2021, 136, 1.	2.6	1

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73	Physics at a Higgs Factory. , 2017, , 39-53.		0