Leszek Roszkowski

List of Publications by Year
in descending order

39 papers	2,781 citations	304743 22 h-index	414414 32 g-index
39 all docs	39 docs citations	39 times ranked	3369 citing authors

#	Article	IF	Citations
1	A facility to search for hidden particles at the CERN SPS: the SHiP physics case. Reports on Progress in Physics, 2016, 79, 124201.	20.1	496
2	WIMP dark matter candidates and searchesâ€"current status and future prospects. Reports on Progress in Physics, 2018, 81, 066201.	20.1	339
3	Axinos as Cold Dark Matter. Physical Review Letters, 1999, 82, 4180-4183.	7.8	263
4	Dark matter production in the early Universe: Beyond the thermal WIMP paradigm. Physics Reports, 2015, 555, 1-60.	25.6	261
5	Axinos as dark matter. Journal of High Energy Physics, 2001, 2001, 033-033.	4.7	228
6	New cosmological and experimental constraints on the CMSSM. Journal of High Energy Physics, 2001, 2001, 024-024.	4.7	199
7	Exact Cross Sections for the Neutralino-Slepton Coannihilation. Journal of High Energy Physics, 2002, 2002, 024-024.	4.7	103
8	Direct detection of dark matterâ€"APPEC committee report*. Reports on Progress in Physics, 2022, 85, 056201.	20.1	92
9	Constrained MSSM favoring new territories: The impact of new LHC limits and a 125ÂGeV Higgs boson. Physical Review D, 2012, 86, .	4.7	81
10	Light neutralino as dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 262, 59-67.	4.1	75
11	Axino Dark Matter fromQ-Balls in Affleck-Dine Baryogenesis and theÎ©bâ^'Î©DMCoincidence Problem. Physical Review Letters, 2007, 98, 161304.	7.8	61
12	What next for the CMSSM and the NUHM: improved prospects for superpartner and dark matter detection. Journal of High Energy Physics, 2014, 2014, 1.	4.7	58
13	E-WIMPs. AIP Conference Proceedings, 2005, , .	0.4	55
14	Axino cold dark matter revisited. Journal of High Energy Physics, 2012, 2012, 1.	4.7	52
15	Prospects for dark matter searches in the pMSSM. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
16	Higgs effects on the relic supersymmetric particle density. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 245, 545-555.	4.1	45
17	Particle dark matter â€" A theoristâ€™s perspective. Pramana - Journal of Physics, 2004, 62, 389-401.	1.8	38
18	Review of axino dark matter. Journal of the Korean Physical Society, 2013, 63, 1685-1695.	0.7	33

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19	Two ultimate tests of constrained supersymmetry. Journal of High Energy Physics, 2013, 2013, 1.	4.7	31
20	Towards an accurate calculation of the neutralino relic density. Journal of High Energy Physics, 2001, 2001, 063-063.	4.7	30
21	Flavor anomalies and dark matter in SUSY with an extra U(1). Journal of High Energy Physics, 2018, 2018, 1.	4.7	30
22	Muon g â˜’ 2 and related phenomenology in constrained vector-like extensions of the MSSM. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
23	Testing dark matter with Cherenkov light â€" prospects of H.E.S.S. and CTA for exploring minimal supersymmetry. Journal of High Energy Physics, 2019, 2019, 1.	4.7	23
24	Efficient reconstruction of constrained MSSM parameters from LHC data: A case study. Physical Review D, 2010, 82, .	4.7	22
25	Signatures of dark Higgs boson in light fermionic dark matter scenarios. Journal of High Energy Physics, 2018, 2018, 1.	4.7	21
26	Reconstructing WIMP properties through an interplay of signal measurements in direct detection, Fermi-LAT, and CTA searches for dark matter. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 033-033.	5.4	15
27	Less-simplified models of dark matter for direct detection and the LHC. Journal of High Energy Physics, 2016, 2016, 1-28.	4.7	14
28	Impact of LHC data on muon <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>g</mml:mi><mml:mo>â˜’</mml:mo><mml:mn>2</mml:mn></mml:math> solutions in a vectorlike extension of the constrained MSSM. Physical Review D, 2017, 96, .	4.7	14
29	Towards understanding thermal history of the Universe through direct and indirect detection of dark matter. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 005-005.	5.4	7
30	Blind Spots for Direct Detection with Simplified DM Models and the LHC. Universe, 2017, 3, 41.	2.5	7
31	Frozen-in fermionic singlet dark matter in non-standard cosmology with a decaying fluid. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 041.	5.4	6
32	AXINO DARK MATTER FROM Q-BALLS IN AFFLECK-DINE BARYOGENESIS. International Journal of Modern Physics A, 2007, 22, 5800-5807.	1.5	1
33	Particle Dark Matter: An Overview. , 2009, , .		0
34	DARK MATTER AND SUPERSYMMETRY. , 2009, , .		0
35	Hide and Seek with Neutralino Dark Matter WIMP. , 2000, , .		0
36	AXINO - NEW CANDIDATE FOR COLD DARK MATTER. , 2001, , .		0

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37	AXINO - NEW CANDIDATE FOR COLD DARK MATTER. , 2001, , .		0
38	AXINO DARK MATTER FROM Q-BALLS. , 2007, , .		0
39	PROSPECTS FOR DIRECT DARK MATTER SEARCHES IN THE CONSTRAINED MSSM. , 2007, , .		0