

Leszek Roszkowski

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Direct detection of dark matter – APPEC committee report*. Reports on Progress in Physics, 2022, 85, 056201. | 20.1 | 92 |
| 2 | 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 |
| 3 | Testing dark matter with Cherenkov light – prospects of H.E.S.S. and CTA for exploring minimal supersymmetry. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 23 |
| 4 | WIMP dark matter candidates and searches – current status and future prospects. Reports on Progress in Physics, 2018, 81, 066201. | 20.1 | 339 |
| 5 | Signatures of dark Higgs boson in light fermionic dark matter scenarios. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 21 |
| 6 | Flavor anomalies and dark matter in SUSY with an extra U(1). Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 30 |
| 7 | 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 |
| 8 | Impact of LHC data on muon $g-2$ solutions in a vectorlike extension of the constrained MSSM. Physical Review D, 2017, 96, . | 4.7 | 14 |
| 9 | Muon $g-2$ and related phenomenology in constrained vector-like extensions of the MSSM. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 29 |
| 10 | Blind Spots for Direct Detection with Simplified DM Models and the LHC. Universe, 2017, 3, 41. | 2.5 | 7 |
| 11 | 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, 033-033. | 5.4 | 15 |
| 12 | 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 |
| 13 | Less-simplified models of dark matter for direct detection and the LHC. Journal of High Energy Physics, 2016, 2016, 1-28. | 4.7 | 14 |
| 14 | Prospects for dark matter searches in the pMSSM. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 52 |
| 15 | Dark matter production in the early Universe: Beyond the thermal WIMP paradigm. Physics Reports, 2015, 555, 1-60. | 25.6 | 261 |
| 16 | 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 |
| 17 | Two ultimate tests of constrained supersymmetry. Journal of High Energy Physics, 2013, 2013, 1. | 4.7 | 31 |
| 18 | Review of axino dark matter. Journal of the Korean Physical Society, 2013, 63, 1685-1695. | 0.7 | 33 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Constrained MSSM favoring new territories: The impact of new LHC limits and a 125 GeV Higgs boson. Physical Review D, 2012, 86, . | 4.7 | 81 |
| 20 | Axino cold dark matter revisited. Journal of High Energy Physics, 2012, 2012, 1. | 4.7 | 52 |
| 21 | Efficient reconstruction of constrained MSSM parameters from LHC data: A case study. Physical Review D, 2010, 82, . | 4.7 | 22 |
| 22 | Particle Dark Matter: An Overview. , 2009, , . | | 0 |
| 23 | DARK MATTER AND SUPERSYMMETRY. , 2009, , . | | 0 |
| 24 | AXINO DARK MATTER FROM Q-BALLS IN AFFLECK-DINE BARYOGENESIS. International Journal of Modern Physics A, 2007, 22, 5800-5807. | 1.5 | 1 |
| 25 | Axino Dark Matter from Q-Balls in Affleck-Dine Baryogenesis and the $\tilde{\chi}_1^0 \tilde{\chi}_1^0$ DM Coincidence Problem. Physical Review Letters, 2007, 98, 161304. | 7.8 | 61 |
| 26 | AXINO DARK MATTER FROM Q-BALLS. , 2007, , . | | 0 |
| 27 | PROSPECTS FOR DIRECT DARK MATTER SEARCHES IN THE CONSTRAINED MSSM. , 2007, , . | | 0 |
| 28 | E-WIMPs. AIP Conference Proceedings, 2005, , . | 0.4 | 55 |
| 29 | Particle dark matter – A theorist’s perspective. Pramana - Journal of Physics, 2004, 62, 389-401. | 1.8 | 38 |
| 30 | Exact Cross Sections for the Neutralino-Slepton Coannihilation. Journal of High Energy Physics, 2002, 2002, 024-024. | 4.7 | 103 |
| 31 | Axinos as dark matter. Journal of High Energy Physics, 2001, 2001, 033-033. | 4.7 | 228 |
| 32 | Towards an accurate calculation of the neutralino relic density. Journal of High Energy Physics, 2001, 2001, 063-063. | 4.7 | 30 |
| 33 | New cosmological and experimental constraints on the CMSSM. Journal of High Energy Physics, 2001, 2001, 024-024. | 4.7 | 199 |
| 34 | AXINO - NEW CANDIDATE FOR COLD DARK MATTER. , 2001, , . | | 0 |
| 35 | AXINO - NEW CANDIDATE FOR COLD DARK MATTER. , 2001, , . | | 0 |
| 36 | Hide and Seek with Neutralino Dark Matter WIMP. , 2000, , . | | 0 |

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|----|---|-----|-----------|
| 37 | Axinos as Cold Dark Matter. Physical Review Letters, 1999, 82, 4180-4183. | 7.8 | 263 |
| 38 | Light neutralino as dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 262, 59-67. | 4.1 | 75 |
| 39 | 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 |