

Martin Schmaltz

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,357
citations

172457

29
h-index

302126

39
g-index

40
all docs

40
docs citations

40
times ranked

5210
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | LITTLE HIGGS THEORIES. Annual Review of Nuclear and Particle Science, 2005, 55, 229-270. | 10.2 | 503 |
| 2 | Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. Journal of High Energy Astrophysics, 2022, 34, 49-211. | 6.7 | 350 |
| 3 | Supersymmetry breaking through transparent extra dimensions. Physical Review D, 2000, 62, . | 4.7 | 284 |
| 4 | The little Higgs from a simple group. Journal of High Energy Physics, 2003, 2003, 039-039. | 4.7 | 236 |
| 5 | The Simplest Little Higgs. Journal of High Energy Physics, 2004, 2004, 056-056. | 4.7 | 167 |
| 6 | Physics beyond the standard model (Theory): Introducing the Little Higgs. Nuclear Physics, Section B, Proceedings Supplements, 2003, 117, 40-49. | 0.4 | 117 |
| 7 | Evidence for dark matter interactions in cosmological precision data?. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 037-037. | 5.4 | 117 |
| 8 | Non-Abelian dark matter and dark radiation. Physical Review D, 2015, 92, . | 4.7 | 115 |
| 9 | Interacting dark sector and precision cosmology. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 008-008. | 5.4 | 114 |
| 10 | Twin supersymmetry. Physical Review D, 2006, 74, . | 4.7 | 112 |
| 11 | The leptoquark hunter's guide: pair production. Journal of High Energy Physics, 2017, 2017, 1. | 4.7 | 103 |
| 12 | Diagnosing lepton-nonuniversality in $b \rightarrow s \ell^+ \ell^-$. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 93 |
| 13 | Minimal gaugino mediation. Physical Review D, 2000, 62, . | 4.7 | 88 |
| 14 | The leptoquark Hunter's guide: large coupling. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 80 |
| 15 | Conformal sequestering simplified. Journal of High Energy Physics, 2006, 2006, 011-011. | 4.7 | 69 |
| 16 | Explaining the t forward-backward asymmetry without dijet or flavor anomalies. Journal of High Energy Physics, 2011, 2011, 1. | 4.7 | 69 |
| 17 | Systematic Approach to Confinement in $N=1$ Supersymmetric Gauge Theories. Physical Review Letters, 1997, 78, 799-802. | 7.8 | 66 |
| 18 | Superpartner spectrum of gaugino mediation. Physical Review D, 2000, 62, . | 4.7 | 62 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Experimental constraints on the coupling of the Higgs boson to electrons. Journal of High Energy Physics, 2015, 2015, 1. | 4.7 | 55 |
| 20 | Explaining the τ asymmetry with a light axigluon. Physical Review D, 2011, 84, . | 4.7 | 53 |
| 21 | Higgs mass naturalness and scale invariance in the ultraviolet. Physical Review D, 2014, 89, . | 4.7 | 53 |
| 22 | Hidden sector renormalization of MSSM scalar masses. Journal of High Energy Physics, 2007, 2007, 027-027. | 4.7 | 50 |
| 23 | Hidden solution to the $B-L$ asymmetry in gauge mediation. Physical Review D, 2008, 77, . | 4.7 | 47 |
| 24 | A Step in understanding the Hubble tension. Physical Review D, 2022, 105, . | 4.7 | 38 |
| 25 | Naturally heavy superpartners and a Little Higgs. Journal of High Energy Physics, 2006, 2006, 149-149. | 4.7 | 37 |
| 26 | The bestest little Higgs. Journal of High Energy Physics, 2010, 2010, 1. | 4.7 | 34 |
| 27 | Self-dual $N=1$ SUSY gauge theories. Physical Review D, 1997, 56, 1228-1238. | 4.7 | 33 |
| 28 | Cannibal dark matter and large scale structure. Physical Review D, 2018, 98, . | 4.7 | 32 |
| 29 | Supermodels for early LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 280-288. | 4.1 | 29 |
| 30 | Two simple $W\tilde{\chi}^0$ models for the early LHC. Journal of High Energy Physics, 2011, 2011, 1. | 4.7 | 27 |
| 31 | Ultraviolet extension of the simplest little Higgs model. Physical Review D, 2004, 70, . | 4.7 | 26 |
| 32 | Collective quartics and dangerous singlets in little Higgs. Journal of High Energy Physics, 2009, 2009, 137-137. | 4.7 | 21 |
| 33 | Gauge theories with tensors from branes and orientifolds. Physical Review D, 1998, 57, 7546-7560. | 4.7 | 17 |
| 34 | Light axigluon explanation of the Tevatron $t\bar{t}$ asymmetry and multijet signals at the LHC. Physical Review D, 2013, 87, . | 4.7 | 15 |
| 35 | Phenomenology of supersymmetry with scalar sequestering. Physical Review D, 2009, 79, . | 4.7 | 12 |
| 36 | Spinning the top quark. Physical Review D, 2013, 87, . | 4.7 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | A portalino to the dark sector. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 11 |
| 38 | Low-scale gaugino mediation, lots of leptons at the LHC. Physical Review D, 2008, 78, . | 4.7 | 9 |
| 39 | A model for the LHC diboson excess. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 2 |