

# Matthew Reece

## List of Publications by Year in descending order

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73  
papers

4,088  
citations

94433

37  
h-index

110387

64  
g-index

74  
all docs

74  
docs citations

74  
times ranked

6093  
citing authors

#	ARTICLE	IF	CITATIONS
1	The muon Smasher's guide. Reports on Progress in Physics, 2022, 85, 084201.	20.1	56
2	Complementary signals of lepton flavor violation at a high-energy muon collider. Journal of High Energy Physics, 2022, 2022, .	4.7	7
3	Spheres to jets tuning event shapes with 5d simplified models. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
4	The efficacy of event isotropy as an event shape observable. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
5	Challenges for an axion explanation of the muon $g - 2$ measurement. Journal of High Energy Physics, 2021, 2021, 1.	4.7	25
6	Non-invertible global symmetries and completeness of the spectrum. Journal of High Energy Physics, 2021, 2021, 1.	4.7	72
7	Spontaneous CP violation and horizontal symmetry in the MSSM: toward lepton flavor naturalness. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
8	Axion Mass from Magnetic Monopole Loops. Physical Review Letters, 2021, 127, 131602.	7.8	14
9	Supersymmetric alignment models for $(g - 2)^{1/4}$ . Journal of High Energy Physics, 2021, 2021, 1.	4.7	16
10	The Weak Gravity Conjecture and axion strings. Journal of High Energy Physics, 2021, 2021, 1.	4.7	21
11	FCC-ee and the high-energy physics landscape. European Physical Journal Plus, 2021, 136, 1.	2.6	1
12	Chern-Weil global symmetries and how quantum gravity avoids them. Journal of High Energy Physics, 2021, 2021, 1.	4.7	30
13	Missing scalars at the cosmological collider. Journal of High Energy Physics, 2021, 2021, 1.	4.7	25
14	Relic abundance of dark photon dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135136.	4.1	144
15	Systematizing the effective theory of self-interacting dark matter. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
16	Quasinormal modes of charged fields in Reissner-Nordström backgrounds by Borel-Padé summation of Bender-Wu series. Physical Review D, 2020, 102, .	4.7	10
17	An inflationary probe of cosmic Higgs switching. Journal of High Energy Physics, 2020, 2020, 1.	4.7	7
18	Axion periodicity and coupling quantization in the presence of mixing. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8

#	ARTICLE	IF	CITATIONS
19	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
20	Photon masses in the landscape and the swampland. Journal of High Energy Physics, 2019, 2019, 1.	4.7	56
21	Long-lived particles at the energy frontier: the MATHUSLA physics case. Reports on Progress in Physics, 2019, 82, 116201.	20.1	220
22	Interpreting the electron EDM constraint. Journal of High Energy Physics, 2019, 2019, 1.	4.7	58
23	Cosmological dynamics of Higgs potential fine tuning. Physical Review D, 2019, 99, .	4.7	25
24	Repulsive forces and the weak gravity conjecture. Journal of High Energy Physics, 2019, 2019, 1.	4.7	58
25	Experimental targets for photon couplings of the QCD axion. Journal of High Energy Physics, 2018, 2018, 1.	4.7	68
26	Last electroweak WIMP standing: pseudo-dirac higgsino status and compact stars as future probes. Chinese Physics C, 2018, 42, 043105.	3.7	40
27	Clockwork axions in cosmology. Is chromonatural inflation chrononatural?. Journal of High Energy Physics, 2018, 2018, 1.	4.7	37
28	Emergence of Weak Coupling at Large Distance in Quantum Gravity. Physical Review Letters, 2018, 121, 051601.	7.8	108
29	The Weak Gravity Conjecture and emergence from an ultraviolet cutoff. European Physical Journal C, 2018, 78, 337.	3.9	94
30	Electric dipole moments in natural supersymmetry. Journal of High Energy Physics, 2017, 2017, 1.	4.7	38
31	Deciphering the MSSM Higgs mass at future hadron colliders. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
32	Evidence for a sublattice weak gravity conjecture. Journal of High Energy Physics, 2017, 2017, 1.	4.7	125
33	Physics at a Higgs Factory. , 2017, , 39-53.		0
34	Stealth Supersymmetry simplified. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
35	Nonthermal production of dark radiation and dark matter. Journal of High Energy Physics, 2016, 2016, 1.	4.7	22
36	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

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37	Experimental considerations motivated by the diphoton excess at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	45
38	Physics at a Higgs factory. International Journal of Modern Physics A, 2016, 31, 1644003.	1.5	3
39	Sharpening the weak gravity conjecture with dimensional reduction. Journal of High Energy Physics, 2016, 2016, 1.	4.7	147
40	SUSY Higgs mass and collider signals with a Hidden Valley. Journal of High Energy Physics, 2016, 2016, 1.	4.7	7
41	SUSY's Ladder: reframing sequestering at Large Volume. Journal of High Energy Physics, 2016, 2016, 1-41.	4.7	1
42	Continuum-mediated dark matter's baryon scattering. Physics of the Dark Universe, 2016, 12, 24-36.	4.9	13
43	Possible futures of electroweak precision: ILC, FCC-ee, and CEPC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	47
44	Precision natural SUSY at CEPC, FCC-ee, and ILC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	35
45	Weak gravity strongly constrains large-field axion inflation. Journal of High Energy Physics, 2015, 2015, 1-41.	4.7	60
46	Naturalness, $b \rightarrow s \gamma$ , and SUSY heavy Higgses. Journal of High Energy Physics, 2014, 2014, 1.	4.7	16
47	Dark Matter as a Trigger for Periodic Comet Impacts. Physical Review Letters, 2014, 112, 161301.	7.8	42
48	A new look at Higgs constraints on stops. Journal of High Energy Physics, 2014, 2014, 1.	4.7	36
49	Effective field theory and keV lines from dark matter. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 007-007.	5.4	24
50	Probing charged matter through $h \rightarrow \gamma \gamma$ , gamma ray lines, and EDMs. Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
51	In wino veritas? Indirect searches shed light on neutralino dark matter. Journal of High Energy Physics, 2013, 2013, 1.	4.7	166
52	Single-scale natural SUSY. Journal of High Energy Physics, 2013, 2013, 1.	4.7	23
53	Double-Disk Dark Matter. Physics of the Dark Universe, 2013, 2, 139-156.	4.9	205
54	Vacuum instabilities with a wrong-sign Higgs's gluon-gluon amplitude. New Journal of Physics, 2013, 15, 043003.	2.9	39

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55	Simple dark matter recipe for the 111 and 128 GeV Fermi-LAT lines. <i>Physical Review D</i> , 2013, 88, .	4.7	11
56	Dark-Disk Universe. <i>Physical Review Letters</i> , 2013, 110, 211302.	7.8	131
57	A stealth supersymmetry sampler. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	68
58	(Light) stop signs. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	76
59	Implications of a 125 GeV Higgs boson for the MSSM and low-scale supersymmetry breaking. <i>Physical Review D</i> , 2012, 85, .	4.7	145
60	The status of GMSB after 1/fb at the LHC. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	99
61	Mitigating moduli messes in low-scale SUSY breaking. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	23
62	Stealth supersymmetry. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	136
63	The Status of AdS/QCD. , 2011, , .		2
64	Prompt decays of general neutralino NLSPs at the Tevatron. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	57
65	Randall-Sundrum and strings. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	13
66	Long-lived neutralino NLSPs. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	50
67	Non-relativistic effective theory of dark matter direct detection. <i>Journal of Cosmology and Astroparticle Physics</i> , 2010, 2010, 042-042.	5.4	234
68	Searching for the light dark gauge boson in GeV-scale experiments. <i>Journal of High Energy Physics</i> , 2009, 2009, 051-051.	4.7	164
69	The AdS/QCD correspondence: still undelivered. <i>Journal of High Energy Physics</i> , 2009, 2009, 067-067.	4.7	40
70	Toward a systematic holographic QCD: a braneless approach. <i>Journal of High Energy Physics</i> , 2007, 2007, 062-062.	4.7	137
71	The S-parameter in holographic technicolor models. <i>Journal of High Energy Physics</i> , 2007, 2007, 003-003.	4.7	49
72	Top partners at the CERN LHC: Spin and mass measurement. <i>Physical Review D</i> , 2006, 74, .	4.7	86

#	ARTICLE	IF	CITATIONS
73	Top and bottom: A brane of their own. Physical Review D, 2005, 72, .	4.7	46