

# Joshua T Ruderman

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

2,998  
citations

218677

26  
h-index

243625

44  
g-index

45  
all docs

45  
docs citations

45  
times ranked

6644  
citing authors

#	ARTICLE	IF	CITATIONS
1	CKM substructure from the weak to the Planck scale. <i>Journal of High Energy Physics</i> , 2022, 2022, .	4.7	2
2	CKM substructure. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	4
3	Dark Higgs dark matter. <i>Physical Review D</i> , 2021, 103, .	4.7	15
4	Heavy Thermal Dark Matter from a New Collision Mechanism. <i>Physical Review Letters</i> , 2021, 126, 081802.	7.8	21
5	Edges and Endpoints in 21-cm Observations from Resonant Photon Production. <i>Physical Review Letters</i> , 2021, 127, 011102.	7.8	5
6	Forbidden dark matter annihilations into Standard Model particles. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	14
7	Dark Matter from Exponential Growth. <i>Physical Review Letters</i> , 2021, 127, 191802.	7.8	12
8	Thermal Relic Targets with Exponentially Small Couplings. <i>Physical Review Letters</i> , 2020, 124, 151801.	7.8	16
9	Modeling dark photon oscillations in our inhomogeneous Universe. <i>Physical Review D</i> , 2020, 102, .	4.7	22
10	Dark Photon Oscillations in Our Inhomogeneous Universe. <i>Physical Review Letters</i> , 2020, 125, 221303.	7.8	48
11	New physics from high energy tops. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	15
12	21 cm Absorption as a Probe of Dark Photons. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2019, , 121-127.	0.3	0
13	Catching a New Force by the Tail. <i>Physical Review Letters</i> , 2018, 120, 101801.	7.8	45
14	Charged fermions below 100 GeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	28
15	Exponentially light dark matter from coannihilation. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	34
16	Room for New Physics in the Rayleigh-Jeans Tail of the Cosmic Microwave Background. <i>Physical Review Letters</i> , 2018, 121, 031103.	7.8	106
17	Energy helps accuracy: Electroweak precision tests at hadron colliders. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 772, 210-215.	4.1	100
18	Fourth Exception in the Calculation of Relic Abundances. <i>Physical Review Letters</i> , 2017, 119, 061102.	7.8	61

#	ARTICLE	IF	CITATIONS
19	Precision probes of QCD at high energies. Journal of High Energy Physics, 2017, 2017, 1.	4.7	32
20	Partially natural Two Higgs Doublet Models. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
21	Stealth Supersymmetry simplified. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
22	Dark matter freeze-out in a nonrelativistic sector. Physical Review D, 2016, 94, .	4.7	98
23	Phases of cannibal dark matter. Journal of High Energy Physics, 2016, 2016, 1.	4.7	75
24	Flavor models for $B \rightarrow \hat{A} \hat{A}^\dagger D$ (stretchy="false")	4.7	202
25	Light Dark Matter from Forbidden Channels. Physical Review Letters, 2015, 115, 061301.	7.8	131
26	Running electroweak couplings as a probe of new physics. Journal of High Energy Physics, 2015, 2015, 1.	4.7	41
27	A cosmological upper bound on superpartner masses. Journal of High Energy Physics, 2015, 2015, 1.	4.7	9
28	Removing Gaps in the Exclusion of Top Squark Parameter Space. Physical Review Letters, 2014, 113, 201803.	7.8	47
29	Displaced vertices from X-ray lines. Journal of High Energy Physics, 2014, 2014, 1.	4.7	19
30	The weak scale from BBN. Journal of High Energy Physics, 2014, 2014, 1.	4.7	36
31	Natural Higgs Mass in Supersymmetry from Nondecoupling Effects. Physical Review Letters, 2014, 112, 191803.	7.8	24
32	Prospects and blind spots for neutralino dark matter. Journal of High Energy Physics, 2013, 2013, 1.	4.7	156
33	A collective breaking of R-parity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
34	Light Nondegenerate Squarks at the LHC. Physical Review Letters, 2013, 110, 151804.	7.8	50
35	A natural SUSY Higgs near 125 GeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	401
36	A stealth supersymmetry sampler. Journal of High Energy Physics, 2012, 2012, 1.	4.7	68

#	ARTICLE	IF	CITATIONS
37	General neutralino NLSPs at the early LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	44
38	Natural SUSY endures. Journal of High Energy Physics, 2012, 2012, 1.	4.7	377
39	Yukawa unification and the superpartner mass scale. Journal of High Energy Physics, 2012, 2012, 1.	4.7	22
40	Asymmetric dark matter from leptogenesis. Journal of High Energy Physics, 2011, 2011, 1.	4.7	184
41	Stealth supersymmetry. Journal of High Energy Physics, 2011, 2011, 1.	4.7	136
42	Decaying into the hidden sector. Journal of High Energy Physics, 2010, 2010, 1.	4.7	27
43	Hidden Higgs decaying to lepton jets. Journal of High Energy Physics, 2010, 2010, 1.	4.7	86
44	Slepton co-NLSPs at the Tevatron. Journal of High Energy Physics, 2010, 2010, 1.	4.7	17
45	Kinetic mixing as the origin of a light dark-gauge-group scale. Physical Review D, 2009, 80, .	4.7	129