John March-Russell

List of Publications by Year
in descending order

53 papers	6,858 citations	101543 36 h-index	168389 53 g-index
53 all docs	53 docs citations	53 times ranked	7255 citing authors

#	Article	IF	Citations
1	String axiverse. Physical Review D, 2010, 81, .	4.7	1,169
2	Freeze-in production of FIMP dark matter. Journal of High Energy Physics, 2010, 2010, 1.	4.7	783
3	Planck-scale physics and the Peccei-Quinn mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 282, 137-141.	4.1	389
4	Black holes and sub-millimeter dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 441, 96-104.	4.1	351
5	Neutrino masses from large extra dimensions. Physical Review D, 2001, 65, .	4.7	315
6	Implications of generalizedZâˆ'Zâ€²mixing. Physical Review D, 1998, 57, 6788-6792.	4.7	270
7	A minimal S1/(Z2Ã—Z2â€²) orbifold GUT. Nuclear Physics B, 2001, 613, 3-16.	2.5	265
8	Kinetic mixing and the supersymmetric gauge hierarchy. Nuclear Physics B, 1997, 492, 104-118.	2.5	209
9	Leptophobic U(1)'s and theRbâˆ'Rcanomalies. Physical Review D, 1996, 54, 4635-4647.	4.7	204
10	Asymmetric sneutrino dark matter and the <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.else. Physics Le	4.1	180
11	Compact Hyperbolic Extra Dimensions: Branes, Kaluza-Klein Modes, and Cosmology. Physical Review Letters, 2000, 85, 928-931.	7.8	165
12	Consequences of time-reversal-symmetry violation in models of high-Tcsuperconductors. Physical Review B, 1989, 40, 8726-8744.	3.2	163
13	Calculable corrections to brane black hole decay: The scalar case. Physical Review D, 2002, 66, .	4.7	153
14	Rapid asymmetric inflation and early cosmology in theories with sub-millimeter dimensions. Nuclear Physics B, 2000, 567, 189-228.	2.5	141
15	Baryons from quarks in the expansion. Nuclear Physics B, 1994, 426, 71-93.	2.5	130
16	Kinetic mixing and the supersymmetric gauge hierarchy. Nuclear Physics B, 1997, 492, 104-118.	2.5	129
17	Interactions and excitations of non-Abelian vortices. Physical Review Letters, 1990, 64, 1632-1635.	7.8	128
18	Enhanced baryon number violation due to cosmic strings. Nuclear Physics B, 1989, 328, 140-158.	2.5	124

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19	Calculable corrections to brane black hole decay. II. Greybody factors for spin 1/2 and 1. Physical Review D, 2003, 67, .	4.7	118
20	Baryon magnetic moments in a simultaneous expansion in 1/Nandms. Physical Review D, 1995, 51, 2332-2337.	4.7	93
21	Discrete quantum hair on black holes and the non-abelian Aharonov-Bohm effect. Nuclear Physics B, 1990, 337, 695-708.	2.5	89
22	Zero modes of non-abelian vortices. Nuclear Physics B, 1991, 349, 414-438.	2.5	82
23	Quantum field theory of non-abelian strings and vortices. Nuclear Physics B, 1992, 384, 251-317.	2.5	81
24	Twin Higgs Asymmetric Dark Matter. Physical Review Letters, 2015, 115, 121801.	7.8	78
25	Big Bang synthesis of nuclear dark matter. Journal of High Energy Physics, 2015, 2015, 1.	4.7	77
26	Possible New Form of SpontaneousTViolation. Physical Review Letters, 1988, 61, 2066-2068.	7.8	68
27	SupersymmetricD-term inflation, reheating, and Affleck-Dine baryogenesis. Physical Review D, 1999, 60, .	4.7	68
28	Twin Higgs WIMP dark matter. Physical Review D, 2015, 92, .	4.7	66
29	A supersymmetric one Higgs doublet model. Journal of High Energy Physics, 2011, 2011, 1.	4.7	65
30	Internal frame dragging and a global analog of the Aharonov-Bohm effect. Physical Review Letters, 1992, 68, 2567-2571.	7.8	63
31	String unification, higher-level gauge symmetries, and exotic hypercharge normalizations. Nuclear Physics B, 1996, 467, 44-99.	2.5	59
32	Closing in on asymmetric dark matter I: model independent limits for interactions with quarks. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
33	Neutrino-flavoured sneutrino dark matter. Journal of High Energy Physics, 2010, 2010, 1.	4.7	51
34	Maximally Natural Supersymmetry. Physical Review Letters, 2014, 113, 111802.	7.8	48
35	Disentangling nonabelian discrete quantum hair. Nuclear Physics B, 1991, 351, 735-748.	2.5	44
36	Signatures of large composite Dark Matter states. Journal of High Energy Physics, 2015, 2015, 1.	4.7	44

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37	Î”I=1/2rule in holographic QCD. Physical Review D, 2006, 74, .	4.7	36
38	Precision unification in Î»SUSY with a 125GeV Higgs. Journal of High Energy Physics, 2012, 2012, 1.	4.7	36
39	Are textures natural?. Physical Review Letters, 1992, 69, 1485-1488.	7.8	34
40	Exotic statistics on surfaces. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 84-90.	4.1	32
41	String photini at the LHC. Physical Review D, 2010, 81, .	4.7	31
42	On the possibility of light string resonances at the LHC and Tevatron from Randall-Sundrum throats. Journal of High Energy Physics, 2009, 2009, 077-077.	4.7	30
43	The goldstini variations. Journal of High Energy Physics, 2010, 2010, 1.	4.7	30
44	Four-point functions and kaon decays in a minimal AdS/QCD model. Physical Review D, 2007, 76, .	4.7	24
45	Warped axions. Journal of High Energy Physics, 2007, 2007, 061-061.	4.7	23
46	DISCRETE GAUGE THEORIES. International Journal of Modern Physics B, 1991, 05, 2641-2673.	2.0	15
47	Axion mediation. Journal of High Energy Physics, 2013, 2013, 1.	4.7	12
48	Natural Scherk-Schwarz theories of the weak scale. Journal of High Energy Physics, 2015, 2015, 1-47.	4.7	10
49	Retrofitted natural supersymmetry from a U(1). Journal of High Energy Physics, 2013, 2013, 1.	4.7	9
50	Auto-concealment of supersymmetry in extra dimensions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	6
51	Higgs assisted Q-balls from pseudo-Nambu-Goldstone bosons. Journal of High Energy Physics, 2017, 2017, 1.	4.7	5
52	Hawking radiation of extended objects. Journal of High Energy Physics, 2020, 2020, 1.	4.7	5
53	Rare flavor processes in Maximally Natural Supersymmetry. Journal of High Energy Physics, 2015, 2015, 1.	4.7	1