Marco Drewes

List of Publications by Year
in descending order

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29	2,251	304743 22	454955 30
papers	citations	h-index	g-index

30	30	30	3213
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mapping the Viable Parameter Space for Testable Leptogenesis. Physical Review Letters, 2022, 128, 051801.	7.8	28
2	MeV-scale seesaw and leptogenesis. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
3	Oscillating scalar dissipating in a medium. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
4	New long-lived particle searches in heavy-ion collisions at the LHC. Physical Review D, 2020, 101, .	4.7	14
5	Schwinger effect and false vacuum decay as quantum-mechanical tunneling of a relativistic particle. Physical Review D, 2020, 102, .	4.7	7
6	Heavy neutrinos in displaced vertex searches at the LHC and HL-LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	47
7	Searching for New Long-Lived Particles in Heavy-Ion Collisions at the LHC. Physical Review Letters, 2020, 124, 081801.	7.8	7
8	New physics searches with heavy-ion collisions at the CERN Large Hadron Collider. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 060501.	3.6	27
9	Sterile neutrino Dark Matter. Progress in Particle and Nuclear Physics, 2019, 104, 1-45.	14.4	261
10	Long-lived particles at the energy frontier: the MATHUSLA physics case. Reports on Progress in Physics, 2019, 82, 116201.	20.1	220
11	Low-scale leptogenesis with three heavy neutrinos. Journal of High Energy Physics, 2019, 2019, 1.	4.7	56
12	On lepton number violation in heavy neutrino decays at colliders. Journal of High Energy Physics, 2019, 2019, 1.	4.7	38
13	Probing leptogenesis at future colliders. Journal of High Energy Physics, 2018, 2018, 1.	4.7	56
14	NA62 sensitivity to heavy neutral leptons in the low scale seesaw model. Journal of High Energy Physics, 2018, 2018, 1.	4.7	66
15	Testing the low scale seesaw and leptogenesis. Journal of High Energy Physics, 2017, 2017, 1.	4.7	62
16	CMB constraints on the inflaton couplings and reheating temperature in Î±-attractor inflation. Journal of High Energy Physics, 2017, 2017, 1.	4.7	45
17	Sterile neutrino Dark Matter production from scalar decay in a thermal bath. Journal of High Energy Physics, 2016, 2016, 1.	4.7	36
18	Neutrinoless double Î² decay and low scale leptogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 72-79.	4.1	36

#	Article	IF	Citations
19	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
20	Leptogenesis from oscillations of heavy neutrinos with large mixing angles. Journal of High Energy Physics, 2016, 2016, 1.	4.7	47
21	Effective action for cosmological scalar fields at finite temperature. Journal of High Energy Physics, 2015, 2015, 1.	4.7	15
22	Probing leptogenesis with GeV-scale sterile neutrinos at LHCb and Belle II. Physical Review D, 2014, 90, .	4.7	45
23	Novel collective excitations in a hot scalar field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 127-136.	4.1	12
24	Leptogenesis from a GeV seesaw without mass degeneracy. Journal of High Energy Physics, 2013, 2013, 1.	4.7	90
25	The kinematics of cosmic reheating. Nuclear Physics B, 2013, 875, 315-350.	2.5	74
26	THE PHENOMENOLOGY OF RIGHT HANDED NEUTRINOS. International Journal of Modern Physics E, 2013, 22, 1330019.	1.0	204
27	Quantum leptogenesis I. Annals of Physics, 2011, 326, 1998-2038.	2.8	96
28	Leptogenesis from Quantum Interference in a Thermal Bath. Physical Review Letters, 2010, 104, 121102.	7.8	72
29	Nonequilibrium dynamics of scalar fields in a thermal bath. Annals of Physics, 2009, 324, 1234-1260.	2.8	69