

# Marco Drewes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7430475/publications.pdf>

Version: 2024-02-01

29  
papers

2,251  
citations

304743

22  
h-index

454955

30  
g-index

30  
all docs

30  
docs citations

30  
times ranked

3213  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Sterile neutrino Dark Matter. Progress in Particle and Nuclear Physics, 2019, 104, 1-45.	14.4	261
3	Long-lived particles at the energy frontier: the MATHUSLA physics case. Reports on Progress in Physics, 2019, 82, 116201.	20.1	220
4	THE PHENOMENOLOGY OF RIGHT HANDED NEUTRINOS. International Journal of Modern Physics E, 2013, 22, 1330019.	1.0	204
5	Quantum leptogenesis I. Annals of Physics, 2011, 326, 1998-2038.	2.8	96
6	Leptogenesis from a GeV seesaw without mass degeneracy. Journal of High Energy Physics, 2013, 2013, 1.	4.7	90
7	The kinematics of cosmic reheating. Nuclear Physics B, 2013, 875, 315-350.	2.5	74
8	Leptogenesis from Quantum Interference in a Thermal Bath. Physical Review Letters, 2010, 104, 121102.	7.8	72
9	Nonequilibrium dynamics of scalar fields in a thermal bath. Annals of Physics, 2009, 324, 1234-1260.	2.8	69
10	NA62 sensitivity to heavy neutral leptons in the low scale seesaw model. Journal of High Energy Physics, 2018, 2018, 1.	4.7	66
11	Testing the low scale seesaw and leptogenesis. Journal of High Energy Physics, 2017, 2017, 1.	4.7	62
12	Probing leptogenesis at future colliders. Journal of High Energy Physics, 2018, 2018, 1.	4.7	56
13	Low-scale leptogenesis with three heavy neutrinos. Journal of High Energy Physics, 2019, 2019, 1.	4.7	56
14	Leptogenesis from oscillations of heavy neutrinos with large mixing angles. Journal of High Energy Physics, 2016, 2016, 1.	4.7	47
15	Heavy neutrinos in displaced vertex searches at the LHC and HL-LHC. Journal of High Energy Physics, 2020, 2020, 1.	4.7	47
16	Probing leptogenesis with GeV-scale sterile neutrinos at LHCb and Belle II. Physical Review D, 2014, 90, .	4.7	45
17	CMB constraints on the inflaton couplings and reheating temperature in $\hat{I}_{\pm}$ -attractor inflation. Journal of High Energy Physics, 2017, 2017, 1.	4.7	45
18	On lepton number violation in heavy neutrino decays at colliders. Journal of High Energy Physics, 2019, 2019, 1.	4.7	38

#	ARTICLE	IF	CITATIONS
19	Sterile neutrino Dark Matter production from scalar decay in a thermal bath. Journal of High Energy Physics, 2016, 2016, 1.	4.7	36
20	Neutrinoless double $\hat{1}^2$ decay and low scale leptogenesis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 72-79.	4.1	36
21	Mapping the Viable Parameter Space for Testable Leptogenesis. Physical Review Letters, 2022, 128, 051801.	7.8	28
22	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
23	Effective action for cosmological scalar fields at finite temperature. Journal of High Energy Physics, 2015, 2015, 1.	4.7	15
24	New long-lived particle searches in heavy-ion collisions at the LHC. Physical Review D, 2020, 101, .	4.7	14
25	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
26	MeV-scale seesaw and leptogenesis. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
27	Oscillating scalar dissipating in a medium. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
28	Schwinger effect and false vacuum decay as quantum-mechanical tunneling of a relativistic particle. Physical Review D, 2020, 102, .	4.7	7
29	Searching for New Long-Lived Particles in Heavy-Ion Collisions at the LHC. Physical Review Letters, 2020, 124, 081801.	7.8	7