

# Frank F Deppisch

## List of Publications by Year in descending order

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43  
papers

1,862  
citations

304743

22  
h-index

289244

40  
g-index

43  
all docs

43  
docs citations

43  
times ranked

4189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neutrinoless double beta decay via light neutralinos in R-parity violating supersymmetry. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
2	Heavy neutrinos at the FCC-hh in the $U(1) \times U(1) \times U(1)$ model. Physical Review D, 2022, 105, .	4.7	1
3	Two-neutrino double beta decay with sterile neutrinos. Physical Review D, 2021, 103, .	4.7	19
4	Least-informative priors for $0\nu\beta\beta$ decay searches. Physical Review D, 2021, 104, .	4.7	1
5	Searching for New Physics in Two-Neutrino Double Beta Decay. Physical Review Letters, 2020, 125, 171801.	7.8	23
6	Analysis of light neutrino exchange and short-range mechanisms in $0\nu\beta\beta$ decay. Physical Review D, 2020, 102, .	4.7	54
7	Neutrinoless double beta decay versus other probes of heavy sterile neutrinos. Journal of High Energy Physics, 2020, 2020, 1.	4.7	109
8	Neutrino self-interactions and double beta decay. Physical Review D, 2020, 102, .	4.7	32
9	Probing new physics with long-range neutrino interactions: an effective field theory approach. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
10	Constraining lepton number violating interactions in rare kaon decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
11	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
12	Heavy neutrino production via $Z$ at the lifetime frontier. Physical Review D, 2019, 100, .	4.7	44
13	Alternative formulation of left-right symmetry with $B-L$ conservation and purely Dirac neutrinos. Physical Review D, 2019, 100, .	4.7	19
14	Probing nonstandard lepton number violating interactions in neutrino oscillations. Physical Review D, 2019, 99, .	4.7	10
15	Neutrinoless Double- $\beta$ Decay with Nonstandard Majoron Emission. Physical Review Letters, 2019, 122, 181801.	7.8	21
16	Exotic neutrinoless double beta decay with Majoron-like emission. AIP Conference Proceedings, 2019, , .	0.4	1
17	Searching for a light $Z$ through Higgs production at the LHC. Physical Review D, 2019, 100, .	4.7	16
18	Neutrinoless double beta decay in left-right symmetric models with a universal seesaw mechanism. Physical Review D, 2018, 97, .	4.7	22

#	ARTICLE	IF	CITATIONS
19	Long-lived heavy neutrinos from Higgs decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	57
20	Short-range neutrinoless double beta decay mechanisms. Physical Review D, 2018, 98, .	4.7	44
21	Neutrinoless double beta decay and the baryon asymmetry of the Universe. Physical Review D, 2018, 98, .	4.7	42
22	SU(6) Grand Unification of 3-3-1 Model. Springer Proceedings in Physics, 2018, , 377-380.	0.2	0
23	Surveying the SO(10) model landscape: The left-right symmetric case. Physical Review D, 2017, 96, .	4.7	17
24	NEUTRINOS AND COLLIDER PHYSICS. , 2017, , 87-93.		0
25	Dark matter and exotic neutrino interactions in direct detection searches. Journal of High Energy Physics, 2017, 2017, 1.	4.7	36
26	Implications of the diphoton excess on left-right models and gauge unification. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 223-230.	4.1	39
27	331 models and grand unification: From minimal SU(5) to minimal SU(6). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 432-440.	4.1	22
28	Reconciling the 2 TeV excesses at the LHC in a linear seesaw left-right model. Physical Review D, 2016, 93, .	4.7	34
29	Dark matter origins of neutrino masses. Physical Review D, 2015, 91, .	4.7	14
30	Falsifying high-scale baryogenesis with neutrinoless double beta decay and lepton flavor violation. Physical Review D, 2015, 92, .	4.7	43
31	Double beta decay, lepton flavor violation, and collider signatures of left-right symmetric models with spontaneous $D$ -parity breaking. Physical Review D, 2015, 91, .	4.7	52
32	Dark matter and lepton flavour violation in a hybrid neutrino mass model. Journal of High Energy Physics, 2015, 2015, 1.	4.7	4
33	Neutrinos and collider physics. New Journal of Physics, 2015, 17, 075019.	2.9	381
34	Compressed and split spectra in minimal SUSY SO(10). Frontiers in Physics, 2014, 2, .	2.1	9
35	Falsifying High-Scale Leptogenesis at the LHC. Physical Review Letters, 2014, 112, 221601.	7.8	66
36	Signal of right-handed charged gauge bosons at the LHC?. Physical Review D, 2014, 90, .	4.7	54

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37	Is charged lepton flavor violation a high energy phenomenon?. Physical Review D, 2014, 89, .	4.7	43
38	Probing lepton number violation on three frontiers. , 2013, , .		0
39	Neutrinoless double-beta decay and physics beyond the standard model. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 124007.	3.6	207
40	Lepton flavor violation and $\hat{I}_{13}$ in minimal resonant leptogenesis. Physical Review D, 2011, 83, .	4.7	76
41	Probing the mechanism of neutrinoless double beta decay with SuperNEMO. Progress in Particle and Nuclear Physics, 2010, 64, 278-280.	14.4	6
42	Pinning Down the Mechanism of Neutrinoless Double $\beta$ Decay with Measurements in Different Nuclei. Physical Review Letters, 2007, 98, 232501.	7.8	62
43	Double beta decay versus cosmology: MajoranaCPphases and nuclear matrix elements. Physical Review D, 2005, 72, .	4.7	14