

# Sudip Jana

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7950745/publications.pdf>

Version: 2024-02-01

35  
papers

1,101  
citations

430874

18  
h-index

395702

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dark Neutrino Portal to Explain MiniBooNE Excess. Physical Review Letters, 2018, 121, 241801.	7.8	120
2	Non-standard interactions in radiative neutrino mass models. Journal of High Energy Physics, 2020, 2020, 1.	4.7	90
3	Resolving electron and muon $g < \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mi}> g < / \text{mml:mi}> < \text{mml:mo}> \hat{\wedge}^2 < / \text{mml:mo}> < \text{mml:mn}> 2 < / \text{mml:mn}> < / \text{mml:math}>$ within the 2HDM. Physical Review D, 2020, 101, .	4.7	72
4	Unified framework for B-anomalies, muon $g \hat{\wedge}^2$ and neutrino masses. Journal of High Energy Physics, 2021, 2021, 1.	4.7	64
5	The Forward Physics Facility: Sites, experiments, and physics potential. Physics Reports, 2022, 968, 1-50.	25.6	57
6	Neutrino masses and mixings dynamically generated by a light dark sector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 791, 210-214.	4.1	56
7	Neutrino non-standard interactions: A status report. SciPost Physics Proceedings, 2019, , .	0.4	56
8	Dark matter assisted lepton anomalous magnetic moments and neutrino masses. Physical Review D, 2020, 102, .	4.7	55
9	Probing right handed neutrinos at the LHeC and lepton colliders using fat jet signatures. Physical Review D, 2019, 99, .	4.7	53
10	Large neutrino magnetic moments in the light of recent experiments. Journal of High Energy Physics, 2020, 2020, 1.	4.7	50
11	Neutrino Self-Interactions and XENON1T Electron Recoil Excess. Physical Review Letters, 2020, 125, 161802.	7.8	47
12	Minimal dirac neutrino mass models from $U(1)_{\text{R}}$ gauge symmetry and left-right asymmetry at colliders. European Physical Journal C, 2019, 79, 1.	3.9	41
13	Probing doubly charged Higgs bosons at the LHC through photon initiated processes. Physical Review D, 2017, 95, .	4.7	40
14	The Hubble tension and a renormalizable model of gauged neutrino self-interactions. Physical Review D, 2020, 102, .	4.7	37
15	Enhanced di-Higgs production in the two Higgs doublet model. Journal of High Energy Physics, 2019, 2019, 1.	4.7	32
16	Neutrino masses and scalar singlet dark matter. Physical Review D, 2017, 95, .	4.7	27
17	Displaced vertex signature of type-I seesaw model. Physical Review D, 2018, 98, .	4.7	20
18	Probing the $R_{K^*}$ anomaly at the Belle II collider. Physical Review D, 2022, 105, .	4.7	19

#	ARTICLE	IF	CITATIONS
19	Neutrino up-scattering via the dipole portal at forward LHC detectors. Physical Review D, 2022, 105, .	4.7	19
20	Minimal realizations of Dirac neutrino mass from generic one-loop and two-loop topologies at $\langle i \rangle d \langle /i \rangle = 5$ . Journal of Cosmology and Astroparticle Physics, 2020, 2020, 018-018.	5.4	17
21	Neutrino non-standard interactions: Complementarity between LHC and oscillation experiments. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136131.	4.1	17
22	Zee-Burst: A New Probe of Neutrino Nonstandard Interactions at IceCube. Physical Review Letters, 2020, 124, 041805.	7.8	15
23	Muon $g - 2$ anomaly and neutrino magnetic moments. Journal of High Energy Physics, 2021, 2021, 1.	4.7	15
24	Probing new physics at future tau neutrino telescopes. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 038.	5.4	15
25	Neutrino mass generation at TeV scale and new physics signatures from charged Higgs at the LHC for photon initiated processes. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
26	Neutrino mass from Higgs quadruplet and multicharged Higgs searches at the LHC. Physical Review D, 2018, 97, .	4.7	14
27	New physics scale from Higgs observables with effective dimension-6 operators. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 51-58.	4.1	13
28	Semi-secretly interacting Axion-like particle as an explanation of Fermilab muon $g - 2$ measurement. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136529.	4.1	12
29	Flavored neutrinoless double beta decay. Physical Review D, 2021, 103, .	4.7	4
30	Probing neutrino mass models through resonances at neutrino telescopes. International Journal of Modern Physics A, 2022, 37, .	1.5	4
31	Vector boson dark matter from trinification. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
32	Investigating new physics models with signature of same-sign $\langle mml:math \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle mml:mrow \rangle \langle mml:mi \rangle \text{diboson} \langle /mml:mi \rangle \langle mml:mo \rangle + \langle /mml:mo \rangle \langle mml:msub \rangle \langle mml:mrow \rangle \langle mml:menclase_2 \text{ notation="updiagonalstrike" other="updiag1"} \rangle \langle mml:mrow \rangle \langle mml:mi \rangle E \langle /mml:mi \rangle \langle /mml:mrow \rangle \langle /mml:menclase \rangle \langle /mml:mrow \rangle \langle mml:mrow \rangle \langle mml:mi \rangle T \langle /mml:mi \rangle \langle /mml:math \rangle$ diboson $\langle mml:msub \rangle \langle mml:mrow \rangle \langle mml:menclase_2 \text{ notation="updiagonalstrike" other="updiag1"} \rangle \langle mml:mrow \rangle \langle mml:mi \rangle E \langle /mml:mi \rangle \langle /mml:mrow \rangle \langle /mml:menclase \rangle \langle /mml:mrow \rangle \langle mml:mrow \rangle \langle mml:mi \rangle T \langle /mml:mi \rangle$ anomaly at the LHeC. Physical Review D, 2022, 105, .	4.7	2
33	Flavor seesaw mechanism. Physical Review D, 2022, 105, .	4.7	2
34	Non-Standard Interactions in Radiative Neutrino Mass Models. , 2021, , .		0
35	Testing the $R_{D^{(*)}}$ anomaly at the LHeC. European Physical Journal C, 2021, 81, 1.	3.9	0