

# Basabendu Barman

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

347  
citations

623734

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888059

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176  
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraining the anomalous results in $b \rightarrow s \gamma$ decays with inert Higgs doublet dark matter and the muon $g-2$ . Physical Review D, 2019, 100, .	4.7	40
2	Effective theory of freeze-in dark matter. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 021-021.	5.4	29
3	Gravitational SIMPs. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 011.	5.4	28
4	Multipartite dark matter in $SU(2)_N$ extension of Standard Model and signatures at the LHC. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 023-023.	5.4	24
5	Non-Abelian vector boson as FIMP dark matter. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 029-029.	5.4	24
6	Non-thermal origin of asymmetric dark matter from inflaton and primordial black holes. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 031.	5.4	24
7	Feebly coupled vector boson dark matter in effective theory. Journal of High Energy Physics, 2020, 2020, 1.	4.7	22
8	Flavoured gauge extension of singlet-doublet fermionic dark matter: neutrino mass, high scale validity and collider signatures. Journal of High Energy Physics, 2019, 2019, 1.	4.7	20
9	Probing high scale Dirac leptogenesis via gravitational waves from domain walls. Physical Review D, 2022, 106, .	4.7	20
10	Fermion dark matter with scalar triplet at direct and collider searches. Physical Review D, 2019, 100, .	4.7	18
11	Nonthermal leptogenesis and UV freeze-in of dark matter: Impact of inflationary reheating. Physical Review D, 2021, 104, .	4.7	18
12	Scale invariant FIMP miracle. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 003.	5.4	18
13	Non-abelian vector boson dark matter, its unified route and signatures at the LHC. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 021-021.	5.4	16
14	Singlet-doublet fermionic dark matter and gravitational waves in a two-Higgs-doublet extension of the Standard Model. Physical Review D, 2020, 101, .	4.7	14
15	Scalar multiplet dark matter in a fast expanding Universe: Resurrection of the desert region. Physical Review D, 2021, 104, .	4.7	14
16	Non-minimally coupled vector boson dark matter. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 047.	5.4	13
17	Minimal model of torsion mediated dark matter. Physical Review D, 2020, 101, .	4.7	5