

Basabendu Barman

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

347
citations

623734

14
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

176
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Non-minimally coupled vector boson dark matter. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 047. | 5.4 | 13 |
| 2 | 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 |
| 3 | Scale invariant FIMP miracle. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 003. | 5.4 | 18 |
| 4 | Probing high scale Dirac leptogenesis via gravitational waves from domain walls. Physical Review D, 2022, 106, . | 4.7 | 20 |
| 5 | Gravitational SIMPs. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 011. | 5.4 | 28 |
| 6 | Scalar multiplet dark matter in a fast expanding Universe: Resurrection of the desert region. Physical Review D, 2021, 104, . | 4.7 | 14 |
| 7 | Nonthermal leptogenesis and UV freeze-in of dark matter: Impact of inflationary reheating. Physical Review D, 2021, 104, . | 4.7 | 18 |
| 8 | 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 |
| 9 | Minimal model of torsion mediated dark matter. Physical Review D, 2020, 101, . | 4.7 | 5 |
| 10 | Non-Abelian vector boson as FIMP dark matter. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 029-029. | 5.4 | 24 |
| 11 | Feebly coupled vector boson dark matter in effective theory. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 22 |
| 12 | Effective theory of freeze-in dark matter. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 021-021. | 5.4 | 29 |
| 13 | Fermion dark matter with scalar triplet at direct and collider searches. Physical Review D, 2019, 100, . | 4.7 | 18 |
| 14 | Correlating the anomalous results in $b \rightarrow s \ell^+ \ell^-$ decays with inert Higgs doublet dark matter and the muon $g-2$. Physical Review D, 2019, 100, . | 4.7 | 40 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |