Satyabrata Mahapatra

List of Publications by Year
in descending order

9 papers	144 citations	1307594 7 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	88 citing authors

#	Article	IF	Citations
1	Explaining anomalous magnetic moment with singlet-doublet fermion dark matter in a scotogenic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:msub><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 732 Td (stre model. Physical Review D, 2022, 105, .	4.7	25
2	Self-interacting dark matter via right handed neutrino portal. Physical Review D, 2022, 105, .	4.7	12
3	Boosted self-interacting dark matter and XENON1T excess. Nuclear Physics B, 2022, 979, 115787.	2.5	7
4	Singlet-doublet self-interacting dark matter and radiative neutrino mass. Physical Review D, 2022, 105, .	4.7	11
5	TeV scale modified type-II seesaw mechanism and dark matter in a gauged <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:msub><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (stre mathvariant="normal">B</mml:mi><mml:mo>â^’</mml:mo><mml:mi mathvariant="normal">L</mml:mi></mml:mrow></mml:msub></mml:math> symmetric model. Physical R	4.7	3
6	Self-interacting inelastic dark matter in the light of XENON1T excess. Physical Review D, 2021, 103, .	4.7	20
7	Connecting low scale seesaw for neutrino mass to inelastic sub-GeV dark matter with Abelian gauge symmetry. Nuclear Physics B, 2021, 968, 115407.	2.5	7
8	Muon (gâ€¯â^’â€¯2) and XENON1T excess with boosted dark matter in Lâ€¯â^’â€¯L model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136577.	4.1	27
9	Inelastic fermion dark matter origin of XENON1T excess with muon (gâ€¯â^’â€¯2) and light neutrino mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135933.	4.1	32