

Rohoollah Mohammadi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

187
citations

1163117

8
h-index

1058476

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g-index

15
all docs

15
docs citations

15
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Circular polarization of cosmic photons due to their interactions with sterile neutrino dark matter. Physical Review D, 2020, 101, .	4.7	7
2	B-mode power spectrum of CMB via polarized Compton scattering. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 051-051.	5.4	3
3	Dipolar dark matter and CMB B-mode polarization. European Physical Journal C, 2020, 80, 1.	3.9	4
4	Generation of circular polarization of CMB via polarized Compton scattering. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 052-052.	5.4	11
5	Probing Lorentz violation effects via a laser beam interacting with a high-energy charged lepton beam. European Physical Journal C, 2019, 79, 1.	3.9	4
6	Impact of the vector dark matter on polarization of the CMB photon. Physical Review D, 2019, 100, .	4.7	3
7	Generation of circular polarization in CMB radiation via nonlinear photon-photon interaction. Physical Review D, 2018, 97, .	4.7	18
8	Using an intense laser beam in interaction with muon/electron beam to probe the noncommutative QED. Journal of High Energy Physics, 2017, 2017, 1.	4.7	6
9	Cosmic microwave background polarization in non-commutative space-time. European Physical Journal C, 2016, 76, 1.	3.9	22
10	Generation of circular polarization of gamma ray bursts. Physical Review D, 2016, 94, .	4.7	7
11	B -mode polarization of the CMB and the cosmic neutrino background. Physical Review D, 2016, 93, .	4.7	12
12	Photon-neutrino scattering and the B -mode spectrum of CMB photons. Physical Review D, 2014, 90, .	4.7	12
13	Circular polarization from linearly-polarized-laser-beam collisions. Physical Review A, 2014, 89, .	2.5	10
14	Laser photons acquire circular polarization by interacting with a Dirac or Majorana neutrino beam. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 272-278.	4.1	15
15	Generation of circular polarization of the CMB. Physical Review D, 2010, 81, .	4.7	53