Rohoollah Mohammadi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3477986/publications.pdf

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15	187	1163117 8	1058476 14
papers	citations	h-index	g-index

15	15	15	107
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Generation of circular polarization of the CMB. Physical Review D, 2010, 81, .	4.7	53
2	Cosmic microwave background polarization in non-commutative space-time. European Physical Journal C, 2016, 76, 1.	3.9	22
3	Generation of circular polarization in CMB radiation via nonlinear photon-photon interaction. Physical Review D, 2018, 97, .	4.7	18
4	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
5	Photon-neutrino scattering and the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math>-mode spectrum of CMB photons. Physical Review D, 2014, 90, .	4.7	12
6	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math>-mode polarization of the CMB and the cosmic neutrino background. Physical Review D, 2016, 93, .	4.7	12
7	Generation of circular polarization of CMB via polarized Compton scattering. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 052-052.	5.4	11
8	Circular polarization from linearly-polarized-laser-beam collisions. Physical Review A, 2014, 89, .	2.5	10
9	Generation of circular polarization of gamma ray bursts. Physical Review D, 2016, 94, .	4.7	7
10	Circular polarization of cosmic photons due to their interactions with sterile neutrino dark matter. Physical Review D, 2020, 101, .	4.7	7
11	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
12	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
13	Dipolar dark matter and CMB B-mode polarization. European Physical Journal C, 2020, 80, 1.	3.9	4
14	Impact of the vector dark matter on polarization of the CMB photon. Physical Review D, 2019, 100, .	4.7	3
15	B-mode power spectrum of CMB via polarized Compton scattering. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 051-051.	5.4	3