

Zackaria Chacko

List of Publications by Year in descending order

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25
papers

972
citations

567281

15
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

2632
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural little hierarchy from a partially goldstone twin Higgs. Journal of High Energy Physics, 2006, 2006, 126-126.	4.7	136
2	Cosmology in Mirror Twin Higgs and neutrino masses. Journal of High Energy Physics, 2017, 2017, 1.	4.7	75
3	Effective theory of a light dilaton. Physical Review D, 2013, 87, .	4.7	71
4	Partially acoustic dark matter, interacting dark radiation, and large scale structure. Journal of High Energy Physics, 2016, 2016, 1.	4.7	70
5	Leptophilic dark matter and the anomalous magnetic moment of the muon. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
6	Colorless top partners, a 125 GeV Higgs boson, and the limits on naturalness. Physical Review D, 2015, 91, .	4.7	64
7	Hidden dark matter sector, dark radiation, and the CMB. Physical Review D, 2015, 92, .	4.7	61
8	Conservative constraints on dark matter from the Fermi-LAT isotropic diffuse gamma-ray background spectrum. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 041-041.	5.4	54
9	Resonance at 125 GeV: Higgs or dilaton/radion?. Journal of High Energy Physics, 2013, 2013, 1.	4.7	54
10	Cosmological signatures of a mirror twin Higgs. Journal of High Energy Physics, 2018, 2018, 1.	4.7	52
11	Dynamics of a stabilized radion and duality. Journal of High Energy Physics, 2013, 2013, 1.	4.7	42
12	Cosmological limits on the neutrino mass and lifetime. Journal of High Energy Physics, 2020, 2020, 1.	4.7	40
13	A quirky probe of neutral naturalness. Physical Review D, 2016, 94, .	4.7	34
14	Determining the neutrino lifetime from cosmology. Physical Review D, 2021, 103, .	4.7	21
15	Detecting a secondary cosmic neutrino background from Majoron decays in neutrino capture experiments. Physical Review D, 2019, 100, .	4.7	19
16	Testing the scalar sector of the twin Higgs model at colliders. Physical Review D, 2018, 97, .	4.7	16
17	A couplet from flavored dark matter. Journal of High Energy Physics, 2015, 2015, 1.	4.7	15
18	Lower limits on the strengths of gamma ray lines from WIMP dark matter annihilation. Physical Review D, 2012, 85, .	4.7	14

#	ARTICLE	IF	CITATIONS
19	Direct detection of mirror matter in Twin Higgs models. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
20	Time-varying fine structure constant from naturally ultralight dark matter. Physical Review D, 2021, 104, .	4.7	11
21	Interactions of a stabilized radion and duality. Physical Review D, 2015, 92, .	4.7	10
22	Neutrino masses from low scale partial compositeness. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
23	Skew-flavored dark matter. Physical Review D, 2016, 93, .	4.7	9
24	Collider signals of the Mirror Twin Higgs boson through the hypercharge portal. Physical Review D, 2019, 100, .	4.7	7
25	Predictive Dirac and Majorana neutrino mass textures from $SU(3)_C \times U(1)_X$ grand unified theories. Physical Review D, 2020, 102, .	4.7	5