

# Zackaria Chacko

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Determining the neutrino lifetime from cosmology. <i>Physical Review D</i> , 2021, 103, .	4.7	21
2	Neutrino masses from low scale partial compositeness. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	10
3	Time-varying fine structure constant from naturally ultralight dark matter. <i>Physical Review D</i> , 2021, 104, .	4.7	11
4	Direct detection of mirror matter in Twin Higgs models. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	14
5	Predictive Dirac and Majorana neutrino mass textures from $SU(2)_C \times U(1)_N$ grand unified theories. <i>Physical Review D</i> , 2020, 102, .	4.7	5
6	Cosmological limits on the neutrino mass and lifetime. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	40
7	Detecting a secondary cosmic neutrino background from Majoron decays in neutrino capture experiments. <i>Physical Review D</i> , 2019, 100, .	4.7	19
8	Collider signals of the Mirror Twin Higgs boson through the hypercharge portal. <i>Physical Review D</i> , 2019, 100, .	4.7	7
9	Testing the scalar sector of the twin Higgs model at colliders. <i>Physical Review D</i> , 2018, 97, .	4.7	16
10	Cosmological signatures of a mirror twin Higgs. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	52
11	Cosmology in Mirror Twin Higgs and neutrino masses. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	75
12	A quirky probe of neutral naturalness. <i>Physical Review D</i> , 2016, 94, .	4.7	34
13	Skew-flavored dark matter. <i>Physical Review D</i> , 2016, 93, .	4.7	9
14	Partially acoustic dark matter, interacting dark radiation, and large scale structure. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	70
15	Hidden dark matter sector, dark radiation, and the CMB. <i>Physical Review D</i> , 2015, 92, .	4.7	61
16	Interactions of a stabilized radion and duality. <i>Physical Review D</i> , 2015, 92, .	4.7	10
17	A couplet from flavored dark matter. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	15
18	Colorless top partners, a 125 GeV Higgs boson, and the limits on naturalness. <i>Physical Review D</i> , 2015, 91, .	4.7	64

#	ARTICLE	IF	CITATIONS
19	Leptophilic dark matter and the anomalous magnetic moment of the muon. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
20	Dynamics of a stabilized radion and duality. Journal of High Energy Physics, 2013, 2013, 1.	4.7	42
21	Resonance at 125 GeV: Higgs or dilaton/radion?. Journal of High Energy Physics, 2013, 2013, 1.	4.7	54
22	Effective theory of a light dilaton. Physical Review D, 2013, 87, .	4.7	71
23	Lower limits on the strengths of gamma ray lines from WIMP dark matter annihilation. Physical Review D, 2012, 85, .	4.7	14
24	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
25	Natural little hierarchy from a partially goldstone twin Higgs. Journal of High Energy Physics, 2006, 2006, 126-126.	4.7	136