

Karim Ghorbani

List of Publications by Year in descending order

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352
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#	ARTICLE	IF	CITATIONS
1	Singlet scalars as dark matter and the muon ($g\hat{a}^2$) anomaly. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136750.	4.1	8
2	Light vector dark matter with scalar mediator and muon $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi}>g\langle \text{mml:mi}>\langle \text{mml:mo}>\hat{a}^2\langle \text{mml:mn}>2\langle \text{mml:mn}>\langle \text{mml:math}>$ anomaly. Physical Review D, 2021, 104, .	4.7	6
3	Strongly first-order phase transition in real singlet scalar dark matter model. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 015201.	3.6	17
4	Leading loop effects in pseudoscalar-Higgs portal dark matter. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
5	A simultaneous study of dark matter and phase transition: two-scalar scenario. Journal of High Energy Physics, 2019, 2019, 1.	4.7	10
6	Split fermionic WIMPs evade direct detection. Journal of High Energy Physics, 2018, 2018, 1.	4.7	1
7	DAMPE electron-positron excess in leptophilic $Z\hat{a}^2$ model. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
8	Renormalization group equation analysis of a pseudoscalar portal dark matter model. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 105006.	3.6	3
9	The LHC upper bounds for $pp \hat{a}'$ diboson, $t\bar{t}$, cross-section on fermionic dark matter. International Journal of Modern Physics A, 2017, 32, 1750131.	1.5	0
10	Mono-Higgs signature in a fermionic dark matter model. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 105004.	3.6	14
11	Scalar split WIMPs in future direct detection experiments. Physical Review D, 2016, 93, .	4.7	18
12	Scalar dark matter in scale invariant standard model. Journal of High Energy Physics, 2016, 2016, 1-12.	4.7	16
13	Two-portal dark matter. Physical Review D, 2015, 91, .	4.7	17
14	Fermionic dark matter with pseudo-scalar Yukawa interaction. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 015-015.	5.4	68
15	$\langle \text{mml:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/xml/common/elsevier-elsevier.com/"/>$	2.5	1
16	Kaon semi-leptonic form factor at zero momentum transfer in finite volume. European Physical Journal A, 2013, 49, 1.	2.5	3
17	\hat{a}^2 at two loops in Chiral Perturbation Theory. Journal of High Energy Physics, 2007, 2007, 030-030.	4.7	86
18	Finite volume dependence of the quark antiquark vacuum expectation value. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 636, 51-55.	4.1	17