

Simone Biondini

List of Publications by Year in descending order

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papers

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citations

759233

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times ranked

524
citing authors

#	ARTICLE	IF	CITATIONS
1	Bound-state formation, dissociation and decays of darkonium with potential non-relativistic Yukawa theory for scalar and pseudoscalar mediators. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	4.7	7
2	Freeze-in produced dark matter in the ultra-relativistic regime. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 075.	5.4	21
3	Non-relativistic and potential non-relativistic effective field theories for scalar mediators. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	7
4	Hierarchy problem and fine-tuning in a decoupling approach to multiscale effective potentials. <i>Physical Review D</i> , 2021, 104, .	4.7	0
5	Dark matter and Standard Model reheating from conformal GUT inflation. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	5
6	Prospects for fundamental physics with LISA. <i>General Relativity and Gravitation</i> , 2020, 52, 1.	2.0	198
7	Coloured coannihilations: dark matter phenomenology meets non-relativistic EFTs. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	32
8	Scalar dark matter coannihilating with a coloured fermion. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	26
9	Non-relativistic susceptibility and a dark matter application. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 078-078.	5.4	9
10	Thermal dark matter co-annihilating with a strongly interacting scalar. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	41
11	Status of rates and rate equations for thermal leptogenesis. <i>International Journal of Modern Physics A</i> , 2018, 33, 1842004.	1.5	38
12	Bound-state effects for dark matter with Higgs-like mediators. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	22
13	Momentum anisotropy effects for quarkonium in a weakly coupled quark-gluon plasma below the melting temperature. <i>Physical Review D</i> , 2017, 95, .	4.7	4
14	Leptogenesis and composite heavy neutrinos with gauge-mediated interactions. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	5
15	Re-derived overclosure bound for the inert doublet model. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	35
16	CP asymmetry in heavy Majorana neutrino decays at finite temperature: the hierarchical case. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	17
17	CP asymmetry in heavy Majorana neutrino decays at finite temperature: the nearly degenerate case. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	12
18	Exotic leptons at future linear colliders. <i>Physical Review D</i> , 2015, 92, .	4.7	14

#	ARTICLE	IF	CITATIONS
19	An effective field theory for non-relativistic Majorana neutrinos. Journal of High Energy Physics, 2013, 2013, 1.	4.7	42