

# Kyrylo Bondarenko

## List of Publications by Year in descending order

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17  
papers

935  
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623734

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2457  
citing authors

#	ARTICLE	IF	CITATIONS
1	From dwarf galaxies to galaxy clusters: Self-Interacting Dark Matter over 7 orders of magnitude in halo mass. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 043-043.	5.4	18
2	Magnetization of the intergalactic medium in the IllustrisTNG simulations: the importance of extended, outflow-driven bubbles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5038-5057.	4.4	22
3	An allowed window for heavy neutral leptons below the kaon mass. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	28
4	Ultrahigh energy cosmic ray deflection by the intergalactic magnetic field. <i>Physical Review D</i> , 2021, 104, .	4.7	9
5	New constraints on the mass of fermionic dark matter from dwarf spheroidal galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1188-1201.	4.4	25
6	Constraining dark photons and their connection to 21 cm cosmology with CMB data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135420.	4.1	15
7	Direct detection and complementary constraints for sub-GeV dark matter. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	52
8	Light scalar production from Higgs bosons and FASER 2. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	17
9	Effective photon mass and (dark) photon conversion in the inhomogeneous Universe. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 011-011.	5.4	23
10	Probing new physics with displaced vertices: Muon tracker at CMS. <i>Physical Review D</i> , 2019, 100, .	4.7	11
11	Sensitivity of the intensity frontier experiments for neutrino and scalar portals: analytic estimates. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	18
12	Phenomenology of GeV-scale scalar portal. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	35
13	Constraining self-interacting dark matter with scaling laws of observed halo surface densities. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 049-049.	5.4	23
14	Phenomenology of GeV-scale heavy neutral leptons. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	119
15	Towards an improved model of self-interacting dark matter haloes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 038-038.	5.4	24
16	A facility to search for hidden particles at the CERN SPS: the SHiP physics case. <i>Reports on Progress in Physics</i> , 2016, 79, 124201.	20.1	496
17	Production of Chern-Simons bosons in decays of mesons. <i>Journal of Physics C: Nuclear and Particle Physics</i> , 0, , .	3.6	0