

Luke Hart

List of Publications by Year in descending order

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11
papers

1,009
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. <i>Journal of High Energy Astrophysics</i> , 2022, 34, 49-211.	6.7	350
2	Snowmass2021 - Letter of interest cosmology intertwined II: The hubble constant tension. <i>Astroparticle Physics</i> , 2021, 131, 102605.	4.3	228
3	Cosmology intertwined III: $f\sigma_8$ and $S\sigma_8$. <i>Astroparticle Physics</i> , 2021, 131, 102604.	4.3	182
4	Updated fundamental constant constraints from Planck 2018 data and possible relations to the Hubble tension. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 3255-3263.	4.4	69
5	New constraints on time-dependent variations of fundamental constants using Planck data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1850-1861.	4.4	55
6	Snowmass2021 - Letter of interest cosmology intertwined IV: The age of the universe and its curvature. <i>Astroparticle Physics</i> , 2021, 131, 102607.	4.3	39
7	Snowmass2021 - Letter of interest cosmology intertwined I: Perspectives for the next decade. <i>Astroparticle Physics</i> , 2021, 131, 102606.	4.3	37
8	Microwave spectro-polarimetry of matter and radiation across space and time. <i>Experimental Astronomy</i> , 2021, 51, 1471-1514.	3.7	15
9	Varying fundamental constants principal component analysis: additional hints about the Hubble tension. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2206-2227.	4.4	14
10	Improved model-independent constraints on the recombination era and development of a direct projection method. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 4210-4226.	4.4	10
11	Sensitivity forecasts for the cosmological recombination radiation in the presence of foregrounds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4535-4548.	4.4	10