

Lars Bergstrom

List of Publications by Year in descending order

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54
papers

5,314
citations

134610

34
h-index

252626

46
g-index

55
all docs

55
docs citations

55
times ranked

3450
citing authors

#	ARTICLE	IF	CITATIONS
1	DarkSUSY 6: an advanced tool to compute dark matter properties numerically. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 033-033.	1.9	88
2	Dark Matter and the Galactic Center. Proceedings of the International Astronomical Union, 2016, 11, 180-188.	0.0	0
3	Multi-Messenger Astronomy and Dark Matter. Saas-Fee Advanced Course, 2013, , 123-222.	1.1	1
4	Dark matter and imaging air Cherenkov arrays. Astroparticle Physics, 2013, 43, 44-49.	1.9	7
5	Cosmology and the dark matter frontier. Physica Scripta, 2013, T158, 014014.	1.2	4
6	New Limits on Dark Matter Annihilation from Alpha Magnetic Spectrometer Cosmic Ray Positron Data. Physical Review Letters, 2013, 111, 171101.	2.9	193
7	Investigating gamma-ray lines from dark matter with future observatories. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 025-025.	1.9	54
8	130 GeV fingerprint of right-handed neutrino dark matter. Physical Review D, 2012, 86, .	1.6	26
9	Complementarity of direct dark matter detection and indirect detection through gamma rays. Physical Review D, 2011, 83, .	1.6	42
10	Prospects of detecting gamma-ray emission from galaxy clusters: Cosmic rays and dark matter annihilations. Physical Review D, 2011, 84, .	1.6	86
11	A profile likelihood analysis of the constrained MSSM with genetic algorithms. Journal of High Energy Physics, 2010, 2010, 1.	1.6	66
12	Direct constraints on minimal supersymmetry from Fermi-LAT observations of the dwarf galaxy Segue 1. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 031-031.	1.9	86
13	Dark Matter Candidates: A Status Report. AIP Conference Proceedings, 2010, , .	0.3	5
14	Dark Matter Interpretation of Recent Electron and Positron Data. Physical Review Letters, 2009, 103, 031103.	2.9	134
15	Gamma Rays from Dark Matter Annihilations Strongly Constrain the Substructure in Halos. Physical Review Letters, 2009, 103, 181302.	2.9	35
16	Dark matter candidates. New Journal of Physics, 2009, 11, 105006.	1.2	109
17	Gamma-ray and radio constraints of high positron rate dark matter models annihilating into new light particles. Physical Review D, 2009, 79, .	1.6	86
18	New positron spectral features from supersymmetric dark matter: A way to explain the PAMELA data?. Physical Review D, 2008, 78, .	1.6	235

#	ARTICLE	IF	CITATIONS
19	New gamma-ray contributions to supersymmetric dark matter annihilation. Journal of High Energy Physics, 2008, 2008, 049-049.	1.6	219
20	GLAST sensitivity to cosmological Dark Matter annihilations into $\tilde{\chi}^0$ -rays. AIP Conference Proceedings, 2007, , .	0.3	0
21	Indirect Detection of Dark Matter. AIP Conference Proceedings, 2007, , .	0.3	0
22	Significant Gamma Lines from Inert Higgs Dark Matter. Physical Review Letters, 2007, 99, 041301.	2.9	203
23	Dark matter and gamma rays from Draco: MAGIC, GLAST and CACTUS. Physical Review D, 2006, 73, .	1.6	60
24	Gamma-ray signatures for Kaluza-Klein dark matter. AIP Conference Proceedings, 2006, , .	0.3	4
25	Is the dark matter interpretation of the EGRET gamma excess compatible with antiproton measurements?. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 006-006.	1.9	45
26	X-ray radiation from the annihilation of dark matter at the galactic center. Physical Review D, 2006, 74, .	1.6	26
27	DarkSUSY 4.00 neutralino dark matter made easy. New Astronomy Reviews, 2005, 49, 149-151.	5.2	28
28	Complex Curvatures in Form Theory and String Theory. Leonardo, 2005, 38, 226-231.	0.2	0
29	Two-photon annihilation of Kaluza-Klein dark matter. Journal of Cosmology and Astroparticle Physics, 2005, 2005, 004-004.	1.9	64
30	Gamma Rays from Heavy Neutralino Dark Matter. Physical Review Letters, 2005, 95, 241301.	2.9	94
31	Gamma Rays from Kaluza-Klein Dark Matter. Physical Review Letters, 2005, 94, 131301.	2.9	159
32	Dark matter: Models and detection methods. Nuclear Physics, Section B, Proceedings Supplements, 2003, 118, 329-340.	0.5	3
33	DARKSUSY - A NUMERICAL PACKAGE FOR SUPERSYMMETRIC DARK MATTER CALCULATIONS. , 2003, , .		8
34	PARTICLE DARK MATTER: CANDIDATES AND DETECTION METHODS. , 2003, , .		0
35	Cosmological dark matter annihilations into $\tilde{\chi}^0$ rays: A closer look. Physical Review D, 2002, 66, .	1.6	263
36	Spectral Gamma-Ray Signatures of Cosmological Dark Matter Annihilations. Physical Review Letters, 2001, 87, 251301.	2.9	155

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37	Neutralino gamma-ray signals from accreting halo dark matter. <i>Physical Review D</i> , 2001, 63, .	1.6	52
38	DARKSUSY – A NUMERICAL PACKAGE FOR DARK MATTER CALCULATIONS IN THE MSSM. , 2001, , .		9
39	Non-baryonic dark matter: observational evidence and detection methods. <i>Reports on Progress in Physics</i> , 2000, 63, 793-841.	8.1	733
40	Clumpy neutralino dark matter. <i>Physical Review D</i> , 1999, 59, .	1.6	164
41	Cosmic Antiprotons as a Probe for Supersymmetric Dark Matter?. <i>Astrophysical Journal</i> , 1999, 526, 215-235.	1.6	151
42	Particle dark matter and its indirect detection. <i>New Astronomy Reviews</i> , 1998, 42, 245-257.	5.2	8
43	Observability of \hat{I}^3 rays from dark matter neutralino annihilations in the Milky Way halo. <i>Astroparticle Physics</i> , 1998, 9, 137-162.	1.9	553
44	Indirect detection of dark matter in km-size neutrino telescopes. <i>Physical Review D</i> , 1998, 58, .	1.6	117
45	Neutralino annihilation into a photon and a Zboson. <i>Physical Review D</i> , 1998, 57, 1962-1971.	1.6	140
46	Indirect neutralino detection rates in neutrino telescopes. <i>Physical Review D</i> , 1997, 55, 1765-1770.	1.6	72
47	Full one-loop calculation of neutralino annihilation into two photons. <i>Nuclear Physics B</i> , 1997, 504, 27-44.	0.9	214
48	Astrophysical-neutrino detection with angular and energy resolution. <i>Astroparticle Physics</i> , 1997, 7, 147-160.	1.9	33
49	Limits on direct detection of neutralino dark matter from $b \rightarrow s \gamma$ decays. <i>Astroparticle Physics</i> , 1996, 5, 263-278.	1.9	102
50	Radiative processes in dark matter photino annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 225, 372-380.	1.5	147
51	Observable monochromatic photons from cosmic photino annihilation. <i>Physical Review D</i> , 1988, 37, 3737-3741.	1.6	141
52	High-energy collisions with atomic nuclei: The experimental results. <i>Physics Reports</i> , 1987, 144, 187-320.	10.3	66
53	The deuteron in high-energy physics. <i>Reviews of Modern Physics</i> , 1980, 52, 675-697.	16.4	23
54	Gamma-ray and radio constraints of high positron rate dark matter models annihilating into new light particles. , 0, .		1