

# OBSERVATIONS OF MILKY WAY DWARF SPHEROIDAL AREA TELESCOPE DETECTOR AND CONSTRAINTS ON

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Indirect detection of dark matter, current status and recent results. Journal of Physics: Conference Series, 2010, 259, 012011.	0.4	1
2	<i>&lt;i&gt;FERMI&lt;/i&gt;-LAT SENSITIVITY TO DARK MATTER ANNIHILATION IN VIA LACTEA II SUBSTRUCTURE.</i> Astrophysical Journal, 2010, 718, 899-904.	4.5	25
3	SEEN AND UNSEEN TIDAL CAUSTICS IN THE ANDROMEDA GALAXY. Astrophysical Journal, 2010, 725, 1652-1675.	4.5	8
4	THE DETECTABILITY OF DARK MATTER ANNIHILATION WITH <i>&lt;i&gt;FERMI&lt;/i&gt;</i> USING THE ANISOTROPY ENERGY SPECTRUM OF THE GAMMA-RAY BACKGROUND. Astrophysical Journal, 2010, 723, 277-284.	4.5	25
5	VERITAS SEARCH FOR VHE GAMMA-RAY EMISSION FROM DWARF SPHEROIDAL GALAXIES. Astrophysical Journal, 2010, 720, 1174-1180.	4.5	73
6	Decaying dark matter in supersymmetric model and cosmic-ray observations. Journal of High Energy Physics, 2010, 2010, 1.	4.7	10
7	Dark matter as a guide toward a light gluino at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 687, 363-370.	4.1	31
8	<i>&lt;i&gt;Swift&lt;/i&gt;</i> observation of Segue 1: constraints on sterile neutrino parameters in the darkest galaxy. Monthly Notices of the Royal Astronomical Society: Letters, 2010, 409, L128-L131.	3.3	14
9	Constraints on cosmological dark matter annihilation from the Fermi-LAT isotropic diffuse gamma-ray measurement. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 014-014.	5.4	129
10	Implications of CoGeNT and DAMA for light WIMP dark matter. Physical Review D, 2010, 81, .	4.7	115
11	Dark matter identification with gamma rays from dwarf galaxies. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 016-016.	5.4	11
12	Light mixed sneutrinos as thermal dark matter. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 017-017.	5.4	46
13	Conservative constraints on dark matter from the Fermi-LAT isotropic diffuse gamma-ray background spectrum. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 041-041.	5.4	54
14	Annihilation vs. decay: constraining dark matter properties from a gamma-ray detection. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 023-023.	5.4	32
15	Constraints on decaying dark matter from <i>&lt;i&gt;Fermi&lt;/i&gt;</i> observations of nearby galaxies and clusters. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 015-015.	5.4	94
16	Implications of the Fermi-LAT diffuse gamma-ray measurements on annihilating or decaying dark matter. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 008-008.	5.4	51
17	Morphology of the Galactic dark matter synchrotron emission with self-consistent cosmic-ray diffusion models. Physical Review D, 2010, 82, .	4.7	21
18	Singlet scalar dark matter: Monochromatic gamma rays and metastable vacua. Physical Review D, 2010, 82, .	4.7	67

#	ARTICLE	IF	CITATIONS
19	Indirect dark matter detection limits from the ultrafaint Milky Way satellite Segue 1. Physical Review D, 2010, 82, .	4.7	51
20	Overcoming gamma ray constraints with annihilating dark matter in Milky Way subhalos. Physical Review D, 2010, 82, .	4.7	11
21	Impact of internal bremsstrahlung on the detection of $\tilde{\chi}^0_1$ rays from neutralinos. Physical Review D, 2010, 81, .	4.7	15
22	Dark matter annihilation and the PAMELA, FERMI, and ATIC anomalies. Physical Review D, 2010, 81, .	4.7	3
23	Constraints on dark matter annihilation in clusters of galaxies with the Fermi large area telescope. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 025-025.	5.4	145
24	Diffuse gamma ray constraints on annihilating or decaying Dark Matter after Fermi. Nuclear Physics B, 2010, 840, 284-303.	2.5	162
25	Light scalar WIMP through the Higgs portal and CoGeNT. Physical Review D, 2010, 82, .	4.7	112
26	Dark matter subhalos in the Fermi first source catalog. Physical Review D, 2010, 82, .	4.7	53
27	Complementarity of direct dark matter detection and indirect detection through gamma rays. Physical Review D, 2011, 83, .	4.7	42
28	White dwarf pulsars as possible cosmic ray electron-positron factories. Physical Review D, 2011, 83, .	4.7	61
29	Search for dark matter from the Galactic halo with the IceCube Neutrino Telescope. Physical Review D, 2011, 84, .	4.7	79
30	Robust approach to constraining dark matter properties with gamma-ray data. Physical Review D, 2011, 83, .	4.7	13
31	LEP shines light on dark matter. Physical Review D, 2011, 84, .	4.7	214
32	Spherical harmonics analysis of Fermi gamma-ray data and the Galactic dark matter halo. Physical Review D, 2011, 84, .	4.7	3
33	Astrophysical limits on light NMSSM neutralinos. Physical Review D, 2011, 84, .	4.7	21
34	Revisiting light neutralino scenarios in the MSSM. Physical Review D, 2011, 84, .	4.7	20
35	Dark matter interpretation of the origin of non-thermal phenomena in galaxy clusters. Astronomy and Astrophysics, 2011, 527, A80.	5.1	8
36	The Fermi Large Area gamma ray Telescope and the current searches for dark matter in space. Journal of Physics: Conference Series, 2011, 315, 012020.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Internal bremsstrahlung in neutralino annihilation: revised impact on indirect detection from $\tilde{\chi}^0$ -rays. Journal of Physics: Conference Series, 2011, 315, 012018.	0.4	0
38	Galactic-centre gamma rays in CMSSM dark matter scenarios. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 024-024.	5.4	18
39	Dark matter searches with Cherenkov telescopes: nearby dwarf galaxies or local galaxy clusters?. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 011-011.	5.4	78
40	DARK MATTER DECAY AND ANNIHILATION IN THE LOCAL UNIVERSE: CLUES FROM $\gamma$ -FERMI. Astrophysical Journal Letters, 2011, 726, L6.	8.3	19
41	DARK MATTER IN THE CLASSICAL DWARF SPHEROIDAL GALAXIES: A ROBUST CONSTRAINT ON THE ASTROPHYSICAL FACTOR FOR $\tilde{\chi}^0$ -RAY FLUX CALCULATIONS. Astrophysical Journal Letters, 2011, 733, L46.	8.3	41
42	THE VELOCITY WIDTH FUNCTION OF GALAXIES FROM THE 40% ALFALFA SURVEY: SHEDDING LIGHT ON THE COLD DARK MATTER OVERABUNDANCE PROBLEM. Astrophysical Journal, 2011, 739, 38.	4.5	151
43	Radio emission from dark matter annihilation in the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2011, 410, 2463-2471.	4.4	19
44	Dark matter profiles and annihilation in dwarf spheroidal galaxies: perspectives for present and future $\gamma$ -ray observatories - I. The classical dwarf spheroidal galaxies. Monthly Notices of the Royal Astronomical Society, 2011, 418, 1526-1556.	4.4	88
45	Too big to fail? The puzzling darkness of massive Milky Way subhaloes. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 415, L40-L44.	3.3	1,081
46	CoGeNT, DAMA, and light neutralino dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 705, 82-86.	4.1	35
47	On the use of X-ray and $\tilde{\chi}^0$ -ray telescopes for identifying the origin of electrons and positrons observed by ATIC, Fermi, and PAMELA. Astroparticle Physics, 2011, 35, 185-191.	4.3	3
48	Cosmic ray anomalies from the MSSM?. Journal of High Energy Physics, 2011, 2011, 1.	4.7	9
49	Phenomenology of dark matter from A 4 flavor symmetry. Journal of High Energy Physics, 2011, 2011, 1.	4.7	49
50	Kinetically-enhanced anomaly mediation. Journal of High Energy Physics, 2011, 2011, 1.	4.7	3
51	Loop-induced photon spectral lines from neutralino annihilation in the NMSSM. Journal of High Energy Physics, 2011, 2011, 1.	4.7	24
52	H.E.S.S. constraints on dark matter annihilations towards the sculptor and carina dwarf galaxies. Astroparticle Physics, 2011, 34, 608-616.	4.3	74
53	Indirect detection of dark matter, current status and recent results. Progress in Particle and Nuclear Physics, 2011, 66, 208-215.	14.4	7
54	Testing astroparticle physics with the Fermi Large Area Telescope. Nuclear Physics, Section B, Proceedings Supplements, 2011, 212-213, 343-348.	0.4	0

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55	Dark matter annihilation in the Galactic Center as seen by the Fermi Gamma Ray Space Telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 412-428.	4.1	635
56	Constraints on light WIMP candidates from the isotropic diffuse gamma-ray emission. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 011-011.	5.4	31
57	Very light right-handed sneutrino dark matter in the NMSSM. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 027-027.	5.4	36
58	Searches for dark matter annihilation signatures in the Segue 1 satellite galaxy with the MAGIC-I telescope. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 035-035.	5.4	60
59	Charge asymmetric cosmic rays as a probe of flavor violating asymmetric dark matter. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 021-021.	5.4	14
60	The $ZZ\epsilon^2$ kinetic mixing in the light of the recent direct and indirect dark matter searches. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 009-009.	5.4	69
61	Cosmic ray electron and positron excesses from a fourth generation heavy Majorana neutrino. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 018-018.	5.4	3
62	Closing in on supersymmetric electroweak baryogenesis with dark matter searches and the Large Hadron Collider. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 031-031.	5.4	15
63	Cosmic ray-dark matter scattering: a new signature of (asymmetric) dark matter in the gamma ray sky. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 020-020.	5.4	19
64	Constraining Dark Matter Models from a Combined Analysis of Milky Way Satellites with the Fermi Large Area Telescope. Physical Review Letters, 2011, 107, 241302.	7.8	465
65	Exclusion of Canonical Weakly Interacting Massive Particles by Joint Analysis of Milky Way Dwarf Galaxies with Data from the Fermi Gamma-Ray Space Telescope. Physical Review Letters, 2011, 107, 241303.	7.8	267
66	Search for a Dark Matter Annihilation Signal from the Galactic Center Halo with H.E.S.S.. Physical Review Letters, 2011, 106, 161301.	7.8	209
67	Quest for supersymmetry: Early LHC results versus direct and indirect neutralino dark matter searches. Physical Review D, 2011, 84, .	4.7	21
68	Cosmological constraints on dark matter models with velocity-dependent annihilation cross section. Physical Review D, 2011, 83, .	4.7	59
69	Adiabatic solution to the Polonyi/moduli problem. Physical Review D, 2011, 84, .	4.7	38
70	On Dark Matter in Dwarf Spheroidal Galaxies. EAS Publications Series, 2011, 48, 425-434.	0.3	0
71	LIGHT SUPERSYMMETRIC DARK MATTER. International Journal of Modern Physics D, 2011, 20, 1373-1382.	2.1	1
72	Fermi Gamma-Ray Space Telescope. Optical Engineering, 2012, 51, 011012.	1.0	13

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73	Creation of the CMB spectrum: precise analytic solutions for the blackbody photosphere. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 038-038.	5.4	63
74	Fermi-LAT constraints on dark matter annihilation cross section from observations of the Fornax cluster. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 017-017.	5.4	72
75	Search for dark matter signals with Fermi-LAT observation of globular clusters NGC 6388 and M 15. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 030-030.	5.4	16
76	Diffuse gamma-ray constraints on dark matter revisited I: the impact of subhalos. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 021-021.	5.4	22
77	Optimized analysis method for indirect dark matter searches with imaging air Cherenkov telescopes. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 032-032.	5.4	27
78	Open problems in particle astrophysics. , 2012, , .		0
79	Searches for particle dark matter with gamma-rays. , 2012, , .		4
80	Fermi LAT search for internal bremsstrahlung signatures from dark matter annihilation. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 054-054.	5.4	279
81	A tentative gamma-ray line from Dark Matter annihilation at the Fermi Large Area Telescope. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 007-007.	5.4	299
82	Fermi LAT search for dark matter in gamma-ray lines and the inclusive photon spectrum. Physical Review D, 2012, 86, .	4.7	175
83	Are lines from unassociated gamma-ray sources evidence for dark matter annihilation?. Physical Review D, 2012, 86, .	4.7	16
84	Extracting limits on dark matter annihilation from gamma ray observations towards dwarf spheroidal galaxies. Physical Review D, 2012, 86, .	4.7	52
85	Dark matter line search using a joint analysis of dwarf galaxies with the Fermi Gamma-ray Space Telescope. Physical Review D, 2012, 86, .	4.7	47
86	Conservative upper limits on WIMP annihilation cross section from Fermi-LAT $\gamma$ -rays. Physical Review D, 2012, 85, .	4.7	20
87	Current and future constraints on dark matter from prompt and inverse-Compton photon emission in the isotropic diffuse gamma-ray background. Physical Review D, 2012, 85, .	4.7	34
88	Lower limits on the strengths of gamma ray lines from WIMP dark matter annihilation. Physical Review D, 2012, 85, .	4.7	14
89	Extragalactic and galactic gamma rays and neutrinos from annihilating dark matter. Physical Review D, 2012, 85, .	4.7	9
90	Gamma rays from warm WIMP dark matter annihilation. Physical Review D, 2012, 86, .	4.7	9

#	ARTICLE	IF	CITATIONS
91	Bayesian implications of current LHC supersymmetry and dark matter detection searches for the constrained MSSM. Physical Review D, 2012, 86, .	4.7	22
92	MIMAC potential discovery and exclusion of neutralinos in the MSSM and NMSSM. EAS Publications Series, 2012, 53, 89-95.	0.3	4
93	Search for Dark Matter in the sky in the Fermi era. Journal of Physics: Conference Series, 2012, 337, 012072.	0.4	0
94	Probing dark matter decay and annihilation with Fermi LAT observations of nearby galaxy clusters. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 042-042.	5.4	75
95	Fermi Large area telescope results: The sky at high energies and the Quest for Dark Matter signals. Journal of Physics: Conference Series, 2012, 384, 012002.	0.4	1
96	SEARCH FOR DARK MATTER SATELLITES USING<i>FERMI</i>-LAT. Astrophysical Journal, 2012, 747, 121.	4.5	130
97	Dilaton dominance relaxes LHC and cosmological constraints in supersymmetric models. Journal of High Energy Physics, 2012, 2012, 1.	4.7	7
98	Extra U(1) as natural source of a monochromatic gamma ray line. Journal of High Energy Physics, 2012, 2012, 1.	4.7	65
99	Illuminating the 130 GeV gamma line with continuum photons. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
100	Gamma ray signals from dark matter: Concepts, status and prospects. Physics of the Dark Universe, 2012, 1, 194-217.	4.9	203
101	Complementarity of indirect and accelerator dark matter searches. Physical Review D, 2012, 85, .	4.7	21
102	Detection of branon dark matter with gamma ray telescopes. Physical Review D, 2012, 85, .	4.7	32
103	Dark matter indirect signatures. Comptes Rendus Physique, 2012, 13, 740-782.	0.9	37
104	Fermi large area telescope highlights. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 692, 20-23.	1.6	0
105	Some recent highlights from VERITAS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 692, 24-28.	1.6	3
106	Reaching the lowest energy threshold of ground-based Cherenkov telescopes with MAGIC“stereo: A goal achieved. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 692, 201-207.	1.6	3
107	Indirect dark matter searches and models. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 692, 13-19.	1.6	2
108	Open problems in particle astrophysics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 692, 106-119.	1.6	5

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109	Physics and astrophysics with gamma-ray telescopes. Nuclear Physics, Section B, Proceedings Supplements, 2012, 229-232, 258-264.	0.4	0
110	Semi-empirical catalog of early-type galaxy-halo systems: dark matter density profiles, halo contraction and dark matter annihilation strength. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 004-004.	5.4	7
111	Indirect searches for dark matter. Pramana - Journal of Physics, 2012, 79, 1021-1043.	1.8	75
112	Higgs boson in the MSSM in light of the LHC. Physical Review D, 2012, 85, .	4.7	14
113	125-GeV Higgs boson in the NMSSM in light of the LHC results and astrophysics constraints. Physical Review D, 2012, 86, .	4.7	48
114	Probing neutralino dark matter in the MSSM and the NMSSM with directional detection. Physical Review D, 2012, 85, .	4.7	16
115	Regenerating WIMPs in the light of direct and indirect detection. Physical Review D, 2012, 86, .	4.7	9
116	VERITAS deep observations of the dwarf spheroidal galaxy Segue 1. Physical Review D, 2012, 85, .	4.7	76
117	The impact of recent advances in laboratory astrophysics on our understanding of the cosmos. Reports on Progress in Physics, 2012, 75, 036901.	20.1	51
118	PROSPECTS FOR A DARK MATTER ANNIHILATION SIGNAL TOWARD THE SAGITTARIUS DWARF GALAXY WITH GROUND-BASED CHERENKOV TELESCOPES. Astrophysical Journal, 2012, 746, 77.	4.5	12
119	Dark matter subhaloes as gamma-ray sources and candidates in the first Fermi-LAT catalogue. Astronomy and Astrophysics, 2012, 538, A93.	5.1	37
120	Constrained supersymmetry after two years of LHC data: a global view with Fittino. Journal of High Energy Physics, 2012, 2012, 1.	4.7	103
121	Where will supersymmetric dark matter first be seen?. Monthly Notices of the Royal Astronomical Society, 2012, 419, 1721-1726.	4.4	104
122	Indirect dark matter searches as a probe of degenerate particle spectra. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 128-132.	4.1	24
123	Dark matter detection with hard X-ray telescopes. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1215-1221.	4.4	6
124	Cuspy no more: how outflows affect the central dark matter and baryon distribution in $\Lambda$ cold dark matter galaxies. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1231-1240.	4.4	524
125	$\tilde{\chi}^0$ -rays from annihilating dark matter in galaxy clusters: stacking versus single source analysis. Monthly Notices of the Royal Astronomical Society, 2012, 425, 477-489.	4.4	30
126	Status of dark matter detection. Frontiers of Physics, 2013, 8, 794-827.	5.0	22



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127	Giant Low Surface Brightness Galaxies: Evolution in Isolation. Journal of Astrophysics and Astronomy, 2013, 34, 19-31.	1.0	12
128	Reliability of Monte Carlo event generators for gamma-ray dark matter searches. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
129	More on the hypercharge portal into the dark sector. Journal of High Energy Physics, 2013, 2013, 1.	4.7	8
130	Extra U(1), effective operators, anomalies and dark matter. Journal of High Energy Physics, 2013, 2013, 1.	4.7	44
131	Real gauge singlet scalar extension of the Standard Model: A possible candidate for cold dark matter. Pramana - Journal of Physics, 2013, 80, 539-557.	1.8	40
132	Dark Matter in the Galactic Dwarf Spheroidal Satellites. , 2013, , 1039-1089.		49
133	Strong moduli stabilization and phenomenology. European Physical Journal C, 2013, 73, 1.	3.9	75
134	Dark matter and fundamental physics with the Cherenkov Telescope Array. Astroparticle Physics, 2013, 43, 189-214.	4.3	106
135	Dark matter searches with cosmic antideuterons: status and perspectives. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 031-031.	5.4	49
136	Spectral study of the HESS J1745-290 gamma-ray source as dark matter signal. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 051-051.	5.4	26
137	A generic method to constrain the dark matter model parameters from Fermi observations of dwarf spheroids. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 018-018.	5.4	32
138	Constraints on WIMP annihilation for contracted dark matter in the inner Galaxy with the Fermi-LAT. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 029-029.	5.4	50
139	Search for dark matter in compact hydrogen clouds. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 432, L71-L74.	3.3	2
140	Analytical solutions to the mass-anisotropy degeneracy with higher order Jeans analysis: a general method. Monthly Notices of the Royal Astronomical Society, 2013, 432, 3361-3380.	4.4	37
141	A DEEP SEARCH FOR EXTENDED RADIO CONTINUUM EMISSION FROM DWARF SPHEROIDAL GALAXIES: IMPLICATIONS FOR PARTICLE DARK MATTER. Astrophysical Journal, 2013, 773, 61.	4.5	46
142	The core size of the Fornax dwarf spheroidal. Monthly Notices of the Royal Astronomical Society: Letters, 2013, 429, L89-L93.	3.3	83
143	Dark matter detection in focus point supersymmetry. Physical Review D, 2013, 88, .	4.7	28
144	Pulsar interpretation for the AMS-02 result. Physical Review D, 2013, 88, .	4.7	69

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145	Neutrino signals from ultracompact minihalos and constraints on the primordial curvature perturbation. <i>Physical Review D</i> , 2013, 87, .	4.7	26
146	Update on scalar singlet dark matter. <i>Physical Review D</i> , 2013, 88, .	4.7	408
147	<i>Fermi</i> " LARGE AREA TELESCOPE: ACCOMPLISHMENTS AND CHALLENGES. <i>Modern Physics Letters A</i> , 2013, 28, 1340002.	1.2	0
148	Experimental status of particle and astroparticle searches for supersymmetry. <i>Journal of Physics: Conference Series</i> , 2013, 447, 012019.	0.4	2
149	Dark Matter Signals in the gamma-ray sky. <i>EPJ Web of Conferences</i> , 2014, 71, 00094.	0.3	0
150	Updated cosmic-ray and radio constraints on light dark matter: Implications for the GeV gamma-ray excess at the Galactic Center. <i>Physical Review D</i> , 2014, 90, .	4.7	70
151	Sensitivity of HAWC to high-mass dark matter annihilations. <i>Physical Review D</i> , 2014, 90, .	4.7	38
152	Multimessenger constraints on dark matter annihilation into electron-positron pairs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 439, 566-587.	4.4	15
153	Local Group dSph radio survey with ATCA (III): constraints on particle dark matter. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 016-016.	5.4	32
154	Indirect detection analysis: wino dark matter case study. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 031-031.	5.4	74
155	Constraining dark matter annihilation with the isotropic $\gamma$ -ray background: Updated limits and future potential. <i>Physical Review D</i> , 2014, 89, .	4.7	38
156	SEARCHING FOR DARK MATTER ANNIHILATION IN THE SMITH HIGH-VELOCITY CLOUD. <i>Astrophysical Journal</i> , 2014, 790, 24.	4.5	18
157	The Smith Cloud and its dark matter halo: survival of a Galactic disc passage. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 2883-2891.	4.4	28
158	$\gamma$ -ray anisotropies from dark matter in the Milky Way: the role of the radial distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1151-1156.	4.4	17
159	A decade of dark matter searches with ground-based Cherenkov telescopes. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 742, 99-106.	1.6	7
160	Dark matter constraints from observations of 25 Milky Way satellite galaxies with the Fermi Large Area Telescope. <i>Physical Review D</i> , 2014, 89, .	4.7	360
161	Experiments in space: Summary. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 742, 139-144.	1.6	1
162	Indirect searches for dark matter. <i>Physics of the Dark Universe</i> , 2014, 4, 41-43.	4.9	3

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163	Constraints on particle dark matter from cosmic-ray antiprotons. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 003-003.	5.4	58
164	Strong optimized conservative Fermi-LAT constraints on dark matter models from the inclusive photon spectrum. Physical Review D, 2015, 91, .	4.7	21
165	Hidden dark matter sector, dark radiation, and the CMB. Physical Review D, 2015, 92, .	4.7	61
166	Indication of Gamma-Ray Emission from the Newly Discovered Dwarf Galaxy Reticulum II. Physical Review Letters, 2015, 115, 081101.	7.8	121
167	CONFRONTING GALACTIC AND EXTRAGALACTIC $\hat{\Gamma}^3$ -RAYS OBSERVED BY FERMI -LAT WITH ANNIHILATING DARK MATTER IN AN INERT HIGGS DOUBLET MODEL. Astrophysical Journal, Supplement Series, 2015, 219, 37.	7.7	29
168	Dark matter in leptophilic Higgs models after the LHC run I. Physical Review D, 2015, 92, .	4.7	3
169	SEARCH FOR GAMMA-RAY EMISSION FROM DES DWARF SPHEROIDAL GALAXY CANDIDATES WITH $\langle i \rangle$ FERMI $\langle /i \rangle$ -LAT DATA. Astrophysical Journal Letters, 2015, 809, L4.	8.3	131
170	Wimp searches with gamma rays in the Fermi era: Challenges, methods and results. Journal of Experimental and Theoretical Physics, 2015, 121, 1104-1135.	0.9	37
171	Signals of a light dark force in the galactic center. Journal of High Energy Physics, 2015, 2015, 1.	4.7	46
172	Dirac-fermionic dark matter in U(1)X models. Journal of High Energy Physics, 2015, 2015, 1.	4.7	86
173	A description of the Galactic Center excess in the Minimal Supersymmetric Standard Model. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 006-006.	5.4	61
174	Cosmic rays and hadronic interactions. EPJ Web of Conferences, 2015, 99, 14001.	0.3	1
175	Glow in the Dark Matter: Observing Galactic Halos with Scattered Light. Physical Review Letters, 2015, 114, 051303.	7.8	1
176	Gamma rays from the Galactic Centre region: A review. Astroparticle Physics, 2015, 71, 45-70.	4.3	25
177	Scalar simplified models for dark matter. Physical Review D, 2015, 91, .	4.7	130
178	Constraining dark sectors at colliders: Beyond the effective theory approach. Physical Review D, 2015, 91, .	4.7	76
179	A tale of tails: Dark matter interpretations of the Fermi GeV excess in light of background model systematics. Physical Review D, 2015, 91, .	4.7	216
180	A robust determination of Milky Way satellite properties using hierarchical mass modelling. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2524-2535.	4.4	74

#	ARTICLE	IF	CITATIONS
181	Annihilating asymmetric dark matter. Physical Review D, 2015, 91, .	4.7	32
182	Signatures of Majorana dark matter with t-channel mediators. International Journal of Modern Physics D, 2015, 24, 1530019.	2.1	64
183	No WIMP mini-spikes in dwarf spheroidal galaxies. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 004-004.	5.4	12
184	Indirect detection constraints on s- and t-channel simplified models of dark matter. Physical Review D, 2016, 94, .	4.7	22
185	Testing the dark matter subhalo hypothesis of the gamma-ray source 3FGL $J_{2212.5+0703}$ . Physical Review D, 2016, 94, .	4.7	9
186	Constraints on the dark matter annihilation from Fermi-LAT observation of M31. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 028-028.	5.4	16
187	Deep XMM-Newton observations of Draco rule out at the 99% confidence level a dark matter decay origin for the 3.5 keV line. Monthly Notices of the Royal Astronomical Society, 2016, 458, 3592-3596.	4.4	58
188	High-energy gamma-ray sources of cosmological origin. Comptes Rendus Physique, 2016, 17, 649-662.	0.9	4
189	Dark matter substructure modelling and sensitivity of the Cherenkov Telescope Array to Galactic dark halos. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 047-047.	5.4	36
190	Constraints on dark matter and future observational strategies with gamma-ray space experiments. Nuclear and Particle Physics Proceedings, 2016, 273-275, 383-388.	0.5	0
191	Closing up on dark sectors at colliders: From 14 to 100 TeV. Physical Review D, 2016, 93, .	4.7	13
192	Constraint on the velocity dependent dark matter annihilation cross section from Fermi-LAT observations of dwarf galaxies. Physical Review D, 2016, 93, .	4.7	26
193	Simple J-factors and D-factors for indirect dark matter detection. Physical Review D, 2016, 93, .	4.7	54
194	Search for dark matter in proton-proton collisions at 8 TeV with missing transverse momentum and vector boson tagged jets. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
195	Inverse Compton Gamma Rays from Dark Matter Annihilation in the Dwarf Galaxies. Journal of Astrophysics and Astronomy, 2016, 37, 1.	1.0	1
196	Geometric compatibility of IceCube TeV-PeV neutrino excess and its galactic dark matter origin. Journal of High Energy Physics, 2016, 2016, 1.	4.7	51
197	Sensitivity projections for dark matter searches with the Fermi large area telescope. Physics Reports, 2016, 636, 1-46.	25.6	107
198	SEARCHING FOR DARK MATTER ANNIHILATION IN RECENTLY DISCOVERED MILKY WAY SATELLITES WITH FERMI-LAT. Astrophysical Journal, 2017, 834, 110.	4.5	412

#	ARTICLE	IF	CITATIONS
199	Realistic estimation for the detectability of dark matter subhalos using Fermi-LAT catalogs. Physical Review D, 2017, 96, .	4.7	26
200	Constraints on dark matter models from the observation of Triangulum-II with the Fermi Large Area Telescope. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 003-003.	5.4	6
201	Impact of axisymmetric mass models for dwarf spheroidal galaxies on indirect dark matter searches. Physical Review D, 2017, 95, .	4.7	22
202	Indirect dark-matter searches with gamma-rays: experiments status and future plans from KeV to TeV. Nuclear and Particle Physics Proceedings, 2017, 291-293, 20-24.	0.5	0
203	Constraints on Dark Matter with Gamma-Ray Experiments and Future Observational Strategies. Frontiers in Physics, 2017, 5, .	2.1	1
204	The waning of the WIMP? A review of models, searches, and constraints. European Physical Journal C, 2018, 78, 203.	3.9	521
205	Constraint on the velocity dependent dark matter annihilation cross section from gamma-ray and kinematic observations of ultrafaint dwarf galaxies. Physical Review D, 2018, 97, .	4.7	18
206	Searching for secluded dark matter with H.E.S.S., Fermi-LAT, and Planck. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 010-010.	5.4	45
207	Dark matter in dwarf spheroidal galaxies and indirect detection: a review. Reports on Progress in Physics, 2018, 81, 056901.	20.1	48
208	Searching for $\tilde{\chi}^0_1$ -ray emission from Reticulum II by Fermi-LAT. Chinese Physics C, 2018, 42, 025102.	3.7	7
209	Mapping extragalactic dark matter annihilation with galaxy surveys: A systematic study of stacked group searches. Physical Review D, 2018, 97, .	4.7	31
210	The gamma-ray spectral feature from Kaluza-Klein dark matter annihilation and its observability. International Journal of Modern Physics D, 2018, 27, 1750187.	2.1	2
211	XENON1T takes a razor to a dark E6-inspired model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 337-341.	4.1	3
212	Model-independent constraints on dark matter annihilation in dwarf spheroidal galaxies. Physical Review D, 2018, 97, .	4.7	25
213	Analysis of Fermi-LAT data from Tucana-II: possible constraints on the Dark Matter models with an intriguing hint of a signal. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 028-028.	5.4	6
214	Dependence of accessible dark matter annihilation cross sections on the density profiles of dwarf spheroidal galaxies with the Cherenkov Telescope Array. Physical Review D, 2019, 99, .	4.7	5
215	Prospect for dark matter annihilation signatures from gamma-ray observation of dwarf galaxies by LHAASO. Physical Review D, 2019, 100, .	4.7	8
216	Scaling relations for dark matter annihilation and decay profiles in dwarf spheroidal galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3480-3496.	4.4	42

#	ARTICLE	IF	CITATIONS
217	Where do the <i>AMS-02</i> antihelium events come from?. <i>Physical Review D</i> , 2019, 99, .	4.7	46
218	Dark Matter through the Higgs portal. <i>Physics Reports</i> , 2020, 842, 1-180.	25.6	142
219	Strong constraints on thermal relic dark matter from Fermi-LAT observations of the Galactic Center. <i>Physical Review D</i> , 2020, 102, .	4.7	54
220	Searching for dark matter signals from local dwarf spheroidal galaxies at low radio frequencies in the GLEAM survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 135-145.	4.4	9
221	A global analysis of dark matter signals from 27 dwarf spheroidal galaxies using 11 years of Fermi-LAT observations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2020, 2020, 012-012.	5.4	74
222	Gamma-Ray Dark Matter Searches in Milky Way Satellites—A Comparative Review of Data Analysis Methods and Current Results. <i>Galaxies</i> , 2020, 8, 25.	3.0	16
223	Weyl-invariant gravity and the nature of dark matter. <i>Classical and Quantum Gravity</i> , 2021, 38, 085001.	4.0	1
224	MADHAT: Model-Agnostic Dark Halo Analysis Tool. <i>Computer Physics Communications</i> , 2021, 261, 107815.	7.5	5
225	Gamma-ray and synchrotron radiation from dark matter annihilations in ultra-faint dwarf galaxies. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 041.	5.4	4
226	Multimessenger constraints on the dark matter interpretation of the $F e \bar{e} r m m \bar{r} m \bar{t} m$ Fermi-LAT Galactic Center excess. <i>Physical Review D</i> , 2021, 103, .	4.7	38
227	Multiwavelength analysis of low surface brightness galaxies to study possible dark matter signature. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4238-4254.	4.4	7
228	Direct millicharged dark matter cannot explain the EDGES signal. <i>Physical Review D</i> , 2019, 100, .	4.7	30
229	Search for a DM annihilation signal from the Galactic Center halo with H.E.S.S., 2011, .		0
230	Searching Dark Matter: The Quest for the Missing Mass. <i>Springer Theses</i> , 2015, , 9-75.	0.1	0
231	Quest for Dark Matter with Cosmic Gamma-ray Observations. , 2015, , .		0
232	Optimal observing strategies for velocity-suppressed dark matter annihilation. <i>Physical Review D</i> , 2021, 104, .	4.7	1
233	Synchrotron emission from neutralino dark matter annihilation in dwarf spheroidal galaxies. <i>Journal of Astrophysics and Astronomy</i> , 2022, 43, .	1.0	0
234	TeV Dark Matter Searches in the Extragalactic Gamma-ray Sky. <i>Galaxies</i> , 2022, 10, 92.	3.0	3

#	ARTICLE	IF	CITATIONS
235	Searching for velocity-dependent dark matter annihilation signals from extragalactic halos. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 026.	5.4	3
236	The velocity-dependent J-factor of the Milky Way halo: does what happens in the galactic bulge stay in the galactic bulge?. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 030.	5.4	2
237	New estimate for the contribution of the Geminga pulsar to the positron excess. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 007.	5.4	1
238	Search for dark matter with IACTs and the Cherenkov Telescope Array. Journal of Physics: Conference Series, 2023, 2429, 012019.	0.4	0
239	Search for dark matter lines at the Galactic Center with 14 years of Fermi data. Physical Review D, 2023, 107, .	4.7	6
240	Constraints on dark matter annihilation from the FAST observation of the Coma Berenices dwarf galaxy. Physical Review D, 2023, 107, .	4.7	0
241	Dark matter in the Higgs resonance region. Physical Review D, 2023, 108, .	4.7	2
242	95.4 GeV diphoton excess at ATLAS and CMS. Physical Review D, 2024, 109, .	4.7	1
243	Legacy analysis of dark matter annihilation from the Milky Way dwarf spheroidal galaxies with 14 years of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow}>\langle \text{mml:mi mathvariant="italic">Fermi</mml:mi></mml:mrow></mml:math>}$ -LAT data. Physical Review D, 2024, 109, .	4.7	0