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Optical properties of deep glacial ice at the South Pole

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#	Paper	IF	Citations
123	First year performance of the IceCube neutrino telescope. <i>Astroparticle Physics</i> , 2006 , 26, 155-173	2.4	326
122	Multiyear search for a diffuse flux of muon neutrinos with AMANDA-II. <i>Physical Review D</i> , 2007 , 76,	4.9	90
121	Search for Neutrino-induced Cascades from Gamma-Ray Bursts with AMANDA. 2007 , 664, 397-410		28
120	Construction Status and Future of the IceCube Neutrino Observatory. 2007 , 60, 47-51		1
119	Five years of searches for point sources of astrophysical neutrinos with the AMANDA-II neutrino telescope. <i>Physical Review D</i> , 2007 , 75,	4.9	46
118	Reconstruction of composite events in neutrino telescopes. 2007 , 574, 137-143		5
117	Studying High pT Muons in Cosmic-Ray Air Showers. 2008 , 175-176, 346-349		3
116	IceCube: Performance, Status, and Future. 2008 , 175-176, 409-414		
115	Methods for point source analysis in high energy neutrino telescopes. <i>Astroparticle Physics</i> , 2008 , 29, 299-305	2.4	89
114	Optical constants of ice from the ultraviolet to the microwave: A revised compilation. <i>Journal of Geophysical Research</i> , 2008 , 113,		652
113	Snow physics as relevant to snow photochemistry. 2008 , 8, 171-208		223
112	Search for UltraHigh-Energy Neutrinos with AMANDA-II. 2008 , 675, 1014-1024		69
111	The Search for Muon Neutrinos from Northern Hemisphere Gamma-Ray Bursts with AMANDA. 2008 , 674, 357-370		36
110	SEARCH FOR HIGH-ENERGY MUON NEUTRINOS FROM THE NAKED-EYE GRB 080319B WITH THE IceCube NEUTRINO TELESCOPE. 2009 , 701, 1721-1731		25
109	Limits on a muon flux from neutralino annihilations in the sun with the IceCube 22-string detector. <i>Physical Review Letters</i> , 2009 , 102, 201302	7.4	114
108	The IceCube data acquisition system: Signal capture, digitization, and timestamping. 2009 , 601, 294-316		228
107	Simulation of a hybrid optical-radio-acoustic neutrino detector at the South Pole. 2009 , 604, S179-S181		4

106	IceCube: Construction status and first results. 2009 , 604, S46-S52		4
105	Search for point sources of high energy neutrinos with final data from AMANDA-II. <i>Physical Review D</i> , 2009 , 79,	4.9	40
104	IceCube: A Cubic Kilometer Radiation Detector. 2009 , 56, 1141-1147		12
103	Determination of the atmospheric neutrino flux and searches for new physics with AMANDA-II. <i>Physical Review D</i> , 2009 , 79,	4.9	67
102	Status, performance, and first results of the IceTop array. 2009 , 196, 159-164		8
101	FIRST NEUTRINO POINT-SOURCE RESULTS FROM THE 22 STRING ICECUBE DETECTOR. 2009 , 701, L47-L51		41
100	SEARCH FOR MUON NEUTRINOS FROM GAMMA-RAY BURSTS WITH THE IceCube NEUTRINO TELESCOPE. 2010 , 710, 346-359		69
99	High-energy astrophysics with neutrino telescopes. <i>European Physical Journal C</i> , 2010 , 65, 649-701	4.2	40
98	Search for relativistic magnetic monopoles with the AMANDA-II neutrino telescope. <i>European Physical Journal C</i> , 2010 , 69, 361-378	4.2	20
97	Calibration and characterization of the IceCube photomultiplier tube. 2010 , 618, 139-152		179
96	Measurement of sound speed vs. depth in South Pole ice for neutrino astronomy. <i>Astroparticle Physics</i> , 2010 , 33, 277-286	2.4	20
95	Invited review article: IceCube: an instrument for neutrino astronomy. 2010 , 81, 081101		139
94	Limits on a muon flux from Kaluza-Klein dark matter annihilations in the Sun from the IceCube 22-string detector. <i>Physical Review D</i> , 2010 , 81,	4.9	16
93	South Pole paleowind from automated synthesis of ice core records. <i>Journal of Geophysical Research</i> , 2010 , 115,		12
92	Basal ice sequences in Antarctic ice stream: Exposure of past hydrologic conditions and a principal mode of sediment transfer. <i>Journal of Geophysical Research</i> , 2010 , 115,		42
91	A review of snow and ice albedo and the development of a new physically based broadband albedo parameterization. <i>Journal of Geophysical Research</i> , 2010 , 115,		194
90	Search capability for τ , μ , ν decays in cubic-kilometer neutrino detectors. <i>Physical Review D</i> , 2010 , 81,	4.9	2
89	First search for extremely high energy cosmogenic neutrinos with the IceCube Neutrino Observatory. <i>Physical Review D</i> , 2010 , 82,	4.9	27

88	Detection of supernova explosions with IceCube. 2010 , 27, 194003		1
87	Constraints on the extremely-high energy cosmic neutrino flux with the IceCube 2008-2009 data. <i>Physical Review D</i> , 2011 , 83,	4.9	64
86	Supernova Neutrino Detection with IceCube. 2011 , 309, 012029		7
85	Search for dark matter from the Galactic halo with the IceCube Neutrino Telescope. <i>Physical Review D</i> , 2011 , 84,	4.9	69
84	Measurement of the atmospheric neutrino energy spectrum from 100 GeV to 400 TeV with IceCube. <i>Physical Review D</i> , 2011 , 83,	4.9	143
83	TIME-INTEGRATED SEARCHES FOR POINT-LIKE SOURCES OF NEUTRINOS WITH THE 40-STRING IceCube DETECTOR. 2011 , 732, 18		106
82	IceCube sensitivity for low-energy neutrinos from nearby supernovae. 2011 , 535, A109		92
81	Neutrino astronomy with IceCube and AMANDA. 2011 , 221, 103-109		
80	IceCube and searches for astrophysical sources. 2011 , 212-213, 99-108		1
79	Measurement of acoustic attenuation in South Pole ice. <i>Astroparticle Physics</i> , 2011 , 34, 382-393	2.4	24
78	Search for neutrino-induced cascades with five years of AMANDA data. <i>Astroparticle Physics</i> , 2011 , 34, 420-430	2.4	20
77	Acoustic resonant sensor for ultra high energy neutrino detection. <i>Astroparticle Physics</i> , 2011 , 34, 595-602	2.4	24
76	Modeling of radiation transport in coupled atmosphere-snow-ice-ocean systems. 2011 , 112, 714-726		24
75	IceCube: Physics, status, and future. 2011 , 626-627, S6-S12		8
74	First search for atmospheric and extraterrestrial neutrino-induced cascades with the IceCube detector. <i>Physical Review D</i> , 2011 , 84,	4.9	34
73	Search for ultrahigh-energy tau neutrinos with IceCube. <i>Physical Review D</i> , 2012 , 86,	4.9	18
72	Searching for soft relativistic jets in core-collapse supernovae with the IceCube optical follow-up program. 2012 , 539, A60		35
71	NEUTRINO ANALYSIS OF THE 2010 SEPTEMBER CRAB NEBULA FLARE AND TIME-INTEGRATED CONSTRAINTS ON NEUTRINO EMISSION FROM THE CRAB USING ICECUBE. 2012 , 745, 45		13

70	Calculation of the Cherenkov light yield from low energetic secondary particles accompanying high-energy muons in ice and water with Geant4 simulations. <i>Astroparticle Physics</i> , 2012 , 38, 53-67	2.4	14
69	Probing annihilations and decays of low-mass galactic dark matter in IceCube DeepCore array: Track events. <i>Physical Review D</i> , 2012 , 85,	4.9	5
68	A REVIEW OF PARTICLE ASTROPHYSICS WITH ICECUBE. 2012 , 27, 1230042		2
67	Towards high-energy neutrino astronomy. 2012 , 37, 515-565		24
66	High Energy Neutrino Astronomy: IceCube 22 and 40 strings. 2012 , 229-232, 267-273		
65	Status of DeepCore at the IceCube Neutrino Observatory. 2012 , 229-232, 555		
64	Towards High-Energy Neutrino Astronomy. 2012 , 231-263		
63	Multiyear search for dark matter annihilations in the Sun with the AMANDA-II and IceCube detectors. <i>Physical Review D</i> , 2012 , 85,	4.9	65
62	The design and performance of IceCube DeepCore. <i>Astroparticle Physics</i> , 2012 , 35, 615-624	2.4	158
61	A search for the dark matter annual modulation in South Pole ice. <i>Astroparticle Physics</i> , 2012 , 35, 749-754	4.4	25
60	High-energy neutrino astrophysics: Status and perspectives. 2012 , 67, 651-704		54
59	Results from IceCube. 2013 , 725, 1-6		1
58	An improved method for measuring muon energy using the truncated mean of dE/dx . 2013 , 703, 190-198		28
57	Measurement of atmospheric neutrino oscillations with IceCube. <i>Physical Review Letters</i> , 2013 , 111, 081801	4.1	41
56	Astrobiological implications of chaos terrains on Europa to help targeting future missions. 2013 , 77, 74-90		8
55	Measurement of South Pole ice transparency with the IceCube LED calibration system. 2013 , 711, 73-89		101
54	Search for dark matter annihilations in the sun with the 79-string IceCube detector. <i>Physical Review Letters</i> , 2013 , 110, 131302	7.4	197
53	Considerations on an underground neutrino radio detector in salt. 2013 , 8, P03010-P03010		5

52	Penalized splines for smooth representation of high-dimensional Monte Carlo datasets. 2013 , 184, 2214-2220	21
51	Cosmic ray composition and energy spectrum from 1E0PeV using the 40-string configuration of IceTop and IceCube. <i>Astroparticle Physics</i> , 2013 , 42, 15-32	2.4 28
50	Measurement of the atmospheric $\bar{\nu}$ flux in IceCube. <i>Physical Review Letters</i> , 2013 , 110, 151105	7.4 58
49	IceCube search for dark matter annihilation in nearby galaxies and galaxy clusters. <i>Physical Review D</i> , 2013 , 88,	4.9 42
48	NEUTRINO ASTRONOMY AT THE SOUTH POLE. 2013 , 28, 1340004	
47	South Pole glacial climate reconstruction from multi-borehole laser particulate stratigraphy. <i>Journal of Glaciology</i> , 2013 , 59, 1117-1128	3.4 16
46	Radio-Wave Propagation in Salt Domes: Implications for a UHE Cosmic Neutrino Detector. 2014 , 2014, 1-9	1
45	Search for a diffuse flux of astrophysical muon neutrinos with the IceCube 59-string configuration. <i>Physical Review D</i> , 2014 , 89,	4.9 65
44	Search for neutrino-induced particle showers with IceCube-40. <i>Physical Review D</i> , 2014 , 89,	4.9 19
43	Energy reconstruction methods in the IceCube neutrino telescope. 2014 , 9, P03009-P03009	118
42	Improvement in fast particle track reconstruction with robust statistics. 2014 , 736, 143-149	20
41	Search for non-relativistic magnetic monopoles with IceCube. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2 30
40	Recent Highlights from IceCube. 2014 , 44, 540-549	1
39	The latest IceCube results. 2014 , 766, 43-47	1
38	Measurement of the Atmospheric $\bar{\nu}$ Spectrum with IceCube. <i>Physical Review D</i> , 2015 , 91,	4.9 39
37	References. 2015 , 331-346	
36	Radar absorption, basal reflection, thickness and polarization measurements from the Ross Ice Shelf, Antarctica. <i>Journal of Glaciology</i> , 2015 , 61, 438-446	3.4 17
35	Detecting extra-galactic supernova neutrinos in the Antarctic ice. <i>Astroparticle Physics</i> , 2015 , 62, 54-65	2.4 18

34	Refinement of the ice absorption spectrum in the visible using radiance profile measurements in Antarctic snow. <i>Cryosphere</i> , 2016 , 10, 2655-2672	5.5	31
33	OBSERVATION AND CHARACTERIZATION OF A COSMIC MUON NEUTRINO FLUX FROM THE NORTHERN HEMISPHERE USING SIX YEARS OF ICECUBE DATA. 2016 , 833, 3		249
32	Sea ice and sunlight. 2016 , 110-137		11
31	Neutrino oscillation studies with IceCube-DeepCore. 2016 , 908, 161-177		9
30	AN ALL-SKY SEARCH FOR THREE FLAVORS OF NEUTRINOS FROM GAMMA-RAY BURSTS WITH THE ICECUBE NEUTRINO OBSERVATORY. 2016 , 824, 115		75
29	A Wavelength-shifting Optical Module (WOM) for in-ice neutrino detectors. <i>EPJ Web of Conferences</i> , 2016 , 116, 01006	0.3	2
28	Searches for relativistic magnetic monopoles in IceCube. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	20
27	Constraints on the ultra-high-energy neutrino flux from Gamma-Ray bursts from a prototype station of the Askaryan radio array. <i>Astroparticle Physics</i> , 2017 , 88, 7-16	2.4	5
26	Long-wavelength optical logging for high-resolution detection of ash layers in glacier ice. <i>Journal of Glaciology</i> , 2017 , 63, 17-21	3.4	1
25	Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. 2017 , 2017, 1		17
24	Search for annihilating dark matter in the Sun with 3 years of IceCube data. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	76
23	Laser Ultrasound Observations of Mechanical Property Variations in Ice Cores. <i>Geosciences (Switzerland)</i> , 2017 , 7, 47	2.7	24
22	Infused ice can multiply IceCube's sensitivity. <i>Nature Communications</i> , 2018 , 9, 1236		17.4
21	Progress in Forward-Inverse Modeling Based on Radiative Transfer Tools for Coupled Atmosphere-Snow/Ice-Ocean Systems: A Review and Description of the AccuRT Model. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2682	2.6	10
20	A novel hyperspectral system for high resolution imaging of ice cores: Application to light-absorbing impurities and ice structure. <i>Cold Regions Science and Technology</i> , 2018 , 155, 47-57	3.8	8
19	Efficient propagation of systematic uncertainties from calibration to analysis with the SnowStorm method in IceCube. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019 , 2019, 048-048	6.4	5
18	Reconstruction Techniques in IceCube using Convolutional and Generative Neural Networks. <i>EPJ Web of Conferences</i> , 2019 , 207, 05005	0.3	3
17	Optical properties of ice and snow. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019 , 377, 20180161	3	47

16	A module to convert spectral to narrowband snow albedo for use in climate models: SNOWBAL v1.2. <i>Geoscientific Model Development</i> , 2019 , 12, 5157-5175	6.3	10
15	Neutrinos below 100 TeV from the southern sky employing refined veto techniques to IceCube data. <i>Astroparticle Physics</i> , 2020 , 116, 102392	2.4	2
14	Searching for eV-scale sterile neutrinos with eight years of atmospheric neutrinos at the IceCube Neutrino Telescope. <i>Physical Review D</i> , 2020 , 102,	4.9	14
13	Listening to pulses of radiation: design of a submersible thermoacoustic sensor. <i>Scientific Reports</i> , 2020 , 10, 12433	4.9	0
12	Spectral attenuation coefficients from measurements of light transmission in bare ice on the Greenland Ice Sheet. <i>Cryosphere</i> , 2021 , 15, 1931-1953	5.5	4
11	Impact of updated radiative transfer scheme in snow and ice in RACMO2.3p3 on the surface mass and energy budget of the Greenland ice sheet. <i>Cryosphere</i> , 2021 , 15, 1823-1844	5.5	3
10	Diffuse optics for glaciology. <i>Optics Express</i> , 2021 , 29, 18845-18864	3.3	2
9	Neutrino Detectors under Water and Ice. <i>Landolt-Börnstein - Group I Elementary Particles, Nuclei and Atoms</i> , 2011 , 89-114		1
8	Data Mining on Ice. 2012 , 223-231		
7	Neutrino Detectors Under Water and Ice. 2020 , 785-822		
6	Sensitivity of multi-PMT optical modules in Antarctic ice to supernova neutrinos of MeV energy. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	
5	Search for Relativistic Magnetic Monopoles with Eight Years of IceCube Data.. <i>Physical Review Letters</i> , 2022 , 128, 051101	7.4	2
4	Reconstructing the neutrino energy for in-ice radio detectors. <i>European Physical Journal C</i> , 2022 , 82, 1	4.2	1
3	Search for GeV-scale dark matter annihilation in the Sun with IceCube DeepCore. <i>Physical Review D</i> , 2022 , 105,	4.9	0
2	Direct measurement of optical properties of glacier ice using a photon-counting diffuse LiDAR. <i>Journal of Glaciology</i> , 1-11	3.4	0
1	Low energy event reconstruction in IceCube DeepCore. 2022 , 82,		0