

Daan Hubert

List of Publications by Year in descending order

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83
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4,934
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87888

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docs citations

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4463
citing authors

#	ARTICLE	IF	CITATIONS
1	Removing Prior Information from Remotely Sensed Atmospheric Profiles by Wiener Deconvolution Based on the Complete Data Fusion Framework. <i>Remote Sensing</i> , 2022, 14, 2197.	4.0	0
2	Validation of the Sentinel-5 Precursor TROPOMI cloud data with Cloudnet, Aura OMI and MODIS, and Suomi-NPP VIIRS. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 2451-2476.	3.1	25
3	TROPOMI tropospheric ozone column data: geophysical assessment and comparison to ozonesondes, GOME-2B and OMI. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 7405-7433.	3.1	14
4	Validation of Aura-OMI QA4ECV NO ₂ climate data records with ground-based DOAS networks: the role of measurement and comparison uncertainties. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8017-8045.	4.9	29
5	Global Climate. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, S9-S128.	3.3	61
6	TROPOMI/S5P total ozone column data: global ground-based validation and consistency with other satellite missions. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 5263-5287.	3.1	77
7	Harmonization and comparison of vertically resolved atmospheric state observations: methods, effects, and uncertainty budget. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 4379-4391.	3.1	8
8	Technical note: Reanalysis of Aura MLS chemical observations. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 13647-13679.	4.9	20
9	Representativeness of single lidar stations for zonally averaged ozone profiles, their trends and attribution to proxies. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6427-6440.	4.9	16
10	On the improved stability of the version 7 MIPAS ozone record. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 4693-4705.	3.1	7
11	Quality assessment of the Ozone_cci Climate Research Data Package (release 2017) – Part 1: Ground-based validation of total ozone column data products. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 1385-1402.	3.1	26
12	Quality assessment of the Ozone_cci Climate Research Data Package (release 2017) – Part 2: Ground-based validation of nadir ozone profile data products. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3769-3800.	3.1	7
13	An update on ozone profile trends for the period 2000 to 2016. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 10675-10690.	4.9	93
14	Merged SAGE II, Ozone_cci and OMPS ozone profile dataset and evaluation of ozone trends in the stratosphere. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 12533-12552.	4.9	44
15	Improved GOMOS/Envisat ozone retrievals in the upper troposphere and the lower stratosphere. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 231-246.	3.1	10
16	Ground-based assessment of the bias and long-term stability of 14 limb and occultation ozone profile data records. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 2497-2534.	3.1	92
17	Ground-based assessment of the bias and long-term stability of fourteen limb and occultation ozone profile data records. , 2016, 9, 2497-2534.		9
18	Past changes in the vertical distribution of ozone – Part 3: Analysis and interpretation of trends. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 9965-9982.	4.9	115

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19	The ozone climate change initiative: Comparison of four Level-2 processors for the Michelson Interferometer for Passive Atmospheric Sounding (MIPAS). <i>Remote Sensing of Environment</i> , 2015, 162, 316-343.	11.0	20
20	Round-robin evaluation of nadir ozone profile retrievals: methodology and application to MetOp-A GOME-2. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 2093-2120.	3.1	18
21	Assessment of Odin-OSIRIS ozone measurements from 2001 to the present using MLS, GOMOS, and ozonesondes. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 49-64.	3.1	32
22	Past changes in the vertical distribution of ozone " Part 1: Measurement techniques, uncertainties and availability. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 1395-1427.	3.1	67
23	Validation of MIPAS IMK/IAA V5R_O3_224 ozone profiles. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 3971-3987.	3.1	24
24	Relative drifts and stability of satellite and ground-based stratospheric ozone profiles at NDACC lidar stations. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 1301-1318.	3.1	46
25	NEUTRINO ANALYSIS OF THE 2010 SEPTEMBER CRAB NEBULA FLARE AND TIME-INTEGRATED CONSTRAINTS ON NEUTRINO EMISSION FROM THE CRAB USING ICECUBE. <i>Astrophysical Journal</i> , 2012, 745, 45.	4.5	13
26	TIME-DEPENDENT SEARCHES FOR POINT SOURCES OF NEUTRINOS WITH THE 40-STRING AND 22-STRING CONFIGURATIONS OF ICECUBE. <i>Astrophysical Journal</i> , 2012, 744, 1.	4.5	37
27	Background studies for acoustic neutrino detection at the South Pole. <i>Astroparticle Physics</i> , 2012, 35, 312-324.	4.3	12
28	Constraints on the extremely-high energy cosmic neutrino flux with the IceCube 2008-2009 data. <i>Physical Review D</i> , 2011, 83, .	4.7	68
29	Search for dark matter from the Galactic halo with the IceCube Neutrino Telescope. <i>Physical Review D</i> , 2011, 84, .	4.7	79
30	Measurement of the atmospheric neutrino energy spectrum from 100 GeV to 400 TeV with IceCube. <i>Physical Review D</i> , 2011, 83, .	4.7	156
31	Search for a diffuse flux of astrophysical muon neutrinos with the IceCube 40-string detector. <i>Physical Review D</i> , 2011, 84, .	4.7	87
32	OBSERVATION OF ANISOTROPY IN THE ARRIVAL DIRECTIONS OF GALACTIC COSMIC RAYS AT MULTIPLE ANGULAR SCALES WITH IceCube. <i>Astrophysical Journal</i> , 2011, 740, 16.	4.5	103
33	TIME-INTEGRATED SEARCHES FOR POINT-LIKE SOURCES OF NEUTRINOS WITH THE 40-STRING IceCube DETECTOR. <i>Astrophysical Journal</i> , 2011, 732, 18.	4.5	126
34	Constraints on high-energy neutrino emission from SN 2008D. <i>Astronomy and Astrophysics</i> , 2011, 527, A28.	5.1	8
35	Measurement of acoustic attenuation in South Pole ice. <i>Astroparticle Physics</i> , 2011, 34, 382-393.	4.3	33
36	Search for neutrino-induced cascades with five years of AMANDA data. <i>Astroparticle Physics</i> , 2011, 34, 420-430.	4.3	22

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37	First search for atmospheric and extraterrestrial neutrino-induced cascades with the IceCube detector. <i>Physical Review D</i> , 2011, 84, .	4.7	34
38	Limits on Neutrino Emission from Gamma-Ray Bursts with the 40 String IceCube Detector. <i>Physical Review Letters</i> , 2011, 106, 141101.	7.8	85
39	SEARCH FOR MUON NEUTRINOS FROM GAMMA-RAY BURSTS WITH THE IceCube NEUTRINO TELESCOPE. <i>Astrophysical Journal</i> , 2010, 710, 346-359.	4.5	81
40	MEASUREMENT OF THE ANISOTROPY OF COSMIC-RAY ARRIVAL DIRECTIONS WITH ICECUBE. <i>Astrophysical Journal Letters</i> , 2010, 718, L194-L198.	8.3	119
41	Search for relativistic magnetic monopoles with the AMANDA-II neutrino telescope. <i>European Physical Journal C</i> , 2010, 69, 361-378.	3.9	26
42	Calibration and characterization of the IceCube photomultiplier tube. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010, 618, 139-152.	1.6	211
43	Measurement of sound speed vs. depth in South Pole ice for neutrino astronomy. <i>Astroparticle Physics</i> , 2010, 33, 277-286.	4.3	20
44	The energy spectrum of atmospheric neutrinos between 2 and 200 TeV with the AMANDA-II detector. <i>Astroparticle Physics</i> , 2010, 34, 48-58.	4.3	61
45	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, .	4.7	17
46	Search for a Lorentz-violating sidereal signal with atmospheric neutrinos in IceCube. <i>Physical Review D</i> , 2010, 82, .	4.7	76
47	First search for extremely high energy cosmogenic neutrinos with the IceCube Neutrino Observatory. <i>Physical Review D</i> , 2010, 82, .	4.7	28
48	SEARCH FOR HIGH-ENERGY MUON NEUTRINOS FROM THE "NAKED-EYE" GRB 080319B WITH THE IceCube NEUTRINO TELESCOPE. <i>Astrophysical Journal</i> , 2009, 701, 1721-1731.	4.5	27
49	Extending the Search for Neutrino Point Sources with IceCube above the Horizon. <i>Physical Review Letters</i> , 2009, 103, 221102.	7.8	36
50	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.	7.8	132
51	The IceCube data acquisition system: Signal capture, digitization, and timestamping. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009, 601, 294-316.	1.6	312
52	Search for point sources of high energy neutrinos with final data from AMANDA-II. <i>Physical Review D</i> , 2009, 79, .	4.7	44
53	Determination of the atmospheric neutrino flux and searches for new physics with AMANDA-II. <i>Physical Review D</i> , 2009, 79, .	4.7	71
54	FIRST NEUTRINO POINT-SOURCE RESULTS FROM THE 22 STRING ICECUBE DETECTOR. <i>Astrophysical Journal</i> , 2009, 701, L47-L51.	4.5	43

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55	IceCube contributions to the XIV International Symposium on Very High Energy Cosmic Ray Interactions (ISVHECRI 2006). Nuclear Physics, Section B, Proceedings Supplements, 2008, 175-176, 407-408.	0.4	1
56	Solar Energetic Particle Spectrum on 2006 December 13 Determined by IceTop. Astrophysical Journal, 2008, 689, L65-L68.	4.5	32
57	Search for Ultra-High Energy Neutrinos with AMANDA-II. Astrophysical Journal, 2008, 675, 1014-1024.	4.5	74
58	The Search for Muon Neutrinos from Northern Hemisphere Gamma-Ray Bursts with AMANDA. Astrophysical Journal, 2008, 674, 357-370.	4.5	43
59	IceCube: A Multipurpose Neutrino Telescope. Journal of the Physical Society of Japan, 2008, 77, 71-75.	1.6	0
60	Multiyear search for a diffuse flux of muon neutrinos with AMANDA-II. Physical Review D, 2007, 76, .	4.7	92
61	Search for Neutrino-Induced Cascades from Gamma-Ray Bursts with AMANDA. Astrophysical Journal, 2007, 664, 397-410.	4.5	32
62	Detection of atmospheric muon neutrinos with the IceCube 9-string detector. Physical Review D, 2007, 76, .	4.7	57
63	Five years of searches for point sources of astrophysical neutrinos with the AMANDA-II neutrino telescope. Physical Review D, 2007, 75, .	4.7	52
64	Neutralino dark matter searches with neutrino telescopes: AMANDA results and IceCube prospects. Nuclear Physics, Section B, Proceedings Supplements, 2007, 173, 87-90.	0.4	7
65	Optical properties of deep glacial ice at the South Pole. Journal of Geophysical Research, 2006, 111, .	3.3	149
66	Limits to the muon flux from neutralino annihilations in the Sun with the AMANDA detector. Astroparticle Physics, 2006, 24, 459-466.	4.3	51
67	First year performance of the IceCube neutrino telescope. Astroparticle Physics, 2006, 26, 155-173.	4.3	379
68	On the selection of AGN neutrino source candidates for a source stacking analysis with neutrino telescopes. Astroparticle Physics, 2006, 26, 282-300.	4.3	25
69	Limits on the muon flux from neutralino annihilations at the center of the Earth with AMANDA. Astroparticle Physics, 2006, 26, 129-139.	4.3	22
70	The IceCube prototype string in Amanda. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 556, 169-181.	1.6	13
71	Limits on the High-Energy Gamma and Neutrino Fluxes from the SGR 1806-20 Giant Flare of 27 December 2004 with the AMANDA-II Detector. Physical Review Letters, 2006, 97, 221101.	7.8	18
72	Flux limits on ultra high energy neutrinos with AMANDA-B10. Astroparticle Physics, 2005, 22, 339-353.	4.3	60

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73	New results from the AMANDA Neutrino Telescope. Nuclear Physics, Section B, Proceedings Supplements, 2005, 145, 319-322.	0.4	3
74	New results from the Antarctic Muon And Neutrino Detector Array. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 343-350.	0.4	6
75	Search for extraterrestrial point sources of high energy neutrinos with AMANDA-II using data collected in 2000â€“2002. Physical Review D, 2005, 71, .	4.7	38
76	NEUTRINO ASTRONOMY AND COSMIC RAYS AT THE SOUTH POLE: LATEST RESULTS FROM AMANDA AND PERSPECTIVES FOR ICECUBE. International Journal of Modern Physics A, 2005, 20, 6919-6923.	1.5	1
77	Search for Extraterrestrial Point Sources of Neutrinos with AMANDA-II. Physical Review Letters, 2004, 92, 071102.	7.8	65
78	Muon track reconstruction and data selection techniques in AMANDA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 524, 169-194.	1.6	171
79	Results from the AMANDA neutrino telescope. Nuclear Physics, Section B, Proceedings Supplements, 2004, 136, 85-92.	0.4	2
80	Status of the IceCube Neutrino Observatory. New Astronomy Reviews, 2004, 48, 519-525.	12.8	18
81	Search for neutrino-induced cascades with AMANDA. Astroparticle Physics, 2004, 22, 127-138.	4.3	62
82	Sensitivity of the IceCube detector to astrophysical sources of high energy muon neutrinos. Astroparticle Physics, 2004, 20, 507-532.	4.3	341
83	Measurement of the cosmic ray composition at the knee with the SPASE-2/AMANDA-B10 detectors. Astroparticle Physics, 2004, 21, 565-581.	4.3	28