

Gisela Anton

List of Publications by Year in descending order

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Version: 2024-02-01

482
papers

22,923
citations

10070

75
h-index

13274

135
g-index

491
all docs

491
docs citations

491
times ranked

16699
citing authors

#	ARTICLE	IF	CITATIONS
1	Determining the neutrino mass ordering and oscillation parameters with KM3NeT/ORCA. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	27
2	Search for High-energy Neutrinos from Ultraluminous Infrared Galaxies with IceCube. <i>Astrophysical Journal</i> , 2022, 926, 59.	1.6	7
3	Comparing different approaches for stellar intensity interferometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1722-1729.	1.6	0
4	Improved Characterization of the Astrophysical Muon neutrino Flux with 9.5 Years of IceCube Data. <i>Astrophysical Journal</i> , 2022, 928, 50.	1.6	67
5	Single-exposure X-ray phase imaging microscopy with a grating interferometer. <i>Journal of Synchrotron Radiation</i> , 2022, 29, 794-806.	1.0	2
6	Searches for neutrinos from cosmic-ray interactions in the Sun using seven years of IceCube data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021, 2021, 025-025.	1.9	4
7	Detection of a particle shower at the Glashow resonance with IceCube. <i>Nature</i> , 2021, 591, 220-224.	13.7	86
8	Follow-up of Astrophysical Transients in Real Time with the IceCube Neutrino Observatory. <i>Astrophysical Journal</i> , 2021, 910, 4.	1.6	18
9	IceCube-Gen2: the window to the extreme Universe. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2021, 48, 060501.	1.4	204
10	A Search for Time-dependent Astrophysical Neutrino Emission with IceCube Data from 2012 to 2017. <i>Astrophysical Journal</i> , 2021, 911, 67.	1.6	9
11	Search for GeV neutrino emission during intense gamma-ray solar flares with the IceCube Neutrino Observatory. <i>Physical Review D</i> , 2021, 103, .	1.6	5
12	Personal Dosimetry in Continuous Photon Radiation Fields With the Dosepix Detector. <i>IEEE Transactions on Nuclear Science</i> , 2021, 68, 1129-1134.	1.2	4
13	LeptonInjector and LeptonWeighter: A neutrino event generator and weighter for neutrino observatories. <i>Computer Physics Communications</i> , 2021, 266, 108018.	3.0	8
14	Noise Reduction for Single-Shot Grating-Based Phase-Contrast Imaging at an X-ray Backlighter. <i>Journal of Imaging</i> , 2021, 7, 178.	1.7	4
15	Architecture and performance of the KM3NeT front-end firmware. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2021, 7, .	1.0	9
16	Multimessenger Gamma-Ray and Neutrino Coincidence Alerts Using HAWC and IceCube Subthreshold Data. <i>Astrophysical Journal</i> , 2021, 906, 63.	1.6	9
17	Optical intensity interferometry lab tests in preparation of stellar diameter measurements at IACTs at GHz photon rates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 3113-3118.	1.6	2
18	All-flavor constraints on nonstandard neutrino interactions and generalized matter potential with three years of IceCube DeepCore data. <i>Physical Review D</i> , 2021, 104, .	1.6	13

#	ARTICLE	IF	CITATIONS
19	Search for Multi-flare Neutrino Emissions in 10 yr of IceCube Data from a Catalog of Sources. <i>Astrophysical Journal Letters</i> , 2021, 920, L45.	3.0	12
20	Model-independent search for neutrino sources with the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2020, 114, 35-47.	1.9	2
21	Neutrinos below 100 TeV from the southern sky employing refined veto techniques to IceCube data. <i>Astroparticle Physics</i> , 2020, 116, 102392.	1.9	3
22	Assessment of the additional clinical potential of X-ray dark-field imaging for breast cancer in a preclinical setup. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592095793.	1.4	9
23	gSeaGen: The KM3NeT GENIE-based code for neutrino telescopes. <i>Computer Physics Communications</i> , 2020, 256, 107477.	3.0	14
24	Design and performance of the first IceAct demonstrator at the South Pole. <i>Journal of Instrumentation</i> , 2020, 15, T02002-T02002.	0.5	3
25	Combined sensitivity to the neutrino mass ordering with JUNO, the IceCube Upgrade, and PINGU. <i>Physical Review D</i> , 2020, 101, .	1.6	25
26	Discrimination analysis of breast calcifications using X-ray dark-field radiography. <i>Medical Physics</i> , 2020, 47, 1813-1826.	1.6	12
27	Evaluation of the Weighted Mean X-ray Energy for an Imaging System Via Propagation-Based Phase-Contrast Imaging. <i>Journal of Imaging</i> , 2020, 6, 63.	1.7	4
28	The Control Unit of the KM3NeT Data Acquisition System. <i>Computer Physics Communications</i> , 2020, 256, 107433.	3.0	8
29	Measurements of electron transport in liquid and gas Xenon using a laser-driven photocathode. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 972, 163965.	0.7	5
30	A Search for IceCube Events in the Direction of ANITA Neutrino Candidates. <i>Astrophysical Journal</i> , 2020, 892, 53.	1.6	20
31	Search for dark matter towards the Galactic Centre with 11 years of ANTARES data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 805, 135439.	1.5	26
32	Search for neutrino counterparts of gravitational-wave events detected by LIGO and Virgo during run O2 with the ANTARES telescope. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	9
33	$-\text{Decay of } \langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" } \langle \text{mml:mi} \rangle I^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \text{display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle X_e \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle 137 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$	6	
34	Reflectivity and PDE of VUV4 Hamamatsu SIPMs in liquid xenon. <i>Journal of Instrumentation</i> , 2020, 15, P01019-P01019.	0.5	9
35	Search for PeV Gamma-Ray Emission from the Southern Hemisphere with 5 Yr of Data from the IceCube Observatory. <i>Astrophysical Journal</i> , 2020, 891, 9.	1.6	12
36	Time-Integrated Neutrino Source Searches with 10 Years of IceCube Data. <i>Physical Review Letters</i> , 2020, 124, 051103.	2.9	221

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37	Dependence of atmospheric muon flux on seawater depth measured with the first KM3NeT detection units. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	20
38	A phase-sampling method for an X-ray Talbot-Lau scanner with continuous grating movement. <i>Journal of Instrumentation</i> , 2020, 15, P01010-P01010.	0.5	3
39	Development of an analysis to probe the neutrino mass ordering with atmospheric neutrinos using three years of IceCube DeepCore data. <i>European Physical Journal C</i> , 2020, 80, 1.	1.4	12
40	LED as laboratory test source for astronomical intensity interferometry. <i>Optics Express</i> , 2020, 28, 5248.	1.7	7
41	Maximum likelihood reconstruction for grating-based X-ray microscopy. <i>Optics Express</i> , 2020, 28, 13553.	1.7	3
42	A Search for MeV to TeV Neutrinos from Fast Radio Bursts with IceCube. <i>Astrophysical Journal</i> , 2020, 890, 111.	1.6	20
43	A Search for Neutrino Point-source Populations in 7 yr of IceCube Data with Neutrino-count Statistics. <i>Astrophysical Journal</i> , 2020, 893, 102.	1.6	11
44	ANTARES and IceCube Combined Search for Neutrino Point-like and Extended Sources in the Southern Sky. <i>Astrophysical Journal</i> , 2020, 892, 92.	1.6	25
45	Investigation of Two Fermi-LAT Gamma-Ray Blazars Coincident with High-energy Neutrinos Detected by IceCube. <i>Astrophysical Journal</i> , 2019, 880, 103.	1.6	60
46	Search for transient optical counterparts to high-energy IceCube neutrinos with Pan-STARRS1. <i>Astronomy and Astrophysics</i> , 2019, 626, A117.	2.1	13
47	Measuring the atmospheric neutrino oscillation parameters and constraining the 3+1 neutrino model with ten years of ANTARES data. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	16
48	Characterization of the Hamamatsu VUV4 MPPCs for nEXO. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 940, 371-379.	0.7	28
49	ANTARES Neutrino Search for Time and Space Correlations with IceCube High-energy Neutrino Events. <i>Astrophysical Journal</i> , 2019, 879, 108.	1.6	5
50	A 3-D Projection Model for X-ray Dark-field Imaging. <i>Scientific Reports</i> , 2019, 9, 9216.	1.6	6
51	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.	1.9	14
52	Search for Neutrinoless Double- β Decay with the Complete EXO-200 Dataset. <i>Physical Review Letters</i> , 2019, 123, 161802.	2.9	163
53	Cosmic ray spectrum and composition from PeV to EeV using 3 years of data from IceTop and IceCube. <i>Physical Review D</i> , 2019, 100, .	1.6	76
54	Search for Sources of Astrophysical Neutrinos Using Seven Years of IceCube Cascade Events. <i>Astrophysical Journal</i> , 2019, 886, 12.	1.6	53

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55	Simulation of charge readout with segmented tiles in nEXO. <i>Journal of Instrumentation</i> , 2019, 14, P09020-P09020.	0.5	8
56	A fast alignment method for grating-based X-ray phase-contrast imaging systems. <i>Journal of Instrumentation</i> , 2019, 14, P08003-P08003.	0.5	3
57	Letter of interest for a neutrino beam from Protvino to KM3NeT/ORCA. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	17
58	Search for steady point-like sources in the astrophysical muon neutrino flux with 8 years of IceCube data. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	75
59	Measurement of atmospheric tau neutrino appearance with IceCube DeepCore. <i>Physical Review D</i> , 2019, 99, .	1.6	53
60	Search for Multimessenger Sources of Gravitational Waves and High-energy Neutrinos with Advanced LIGO during Its First Observing Run, ANTARES, and IceCube. <i>Astrophysical Journal</i> , 2019, 870, 134.	1.6	32
61	Imaging individual barium atoms in solid xenon for barium tagging in nEXO. <i>Nature</i> , 2019, 569, 203-207.	13.7	26
62	Talbot-Lau x-ray phase-contrast setup for fast scanning of large samples. <i>Scientific Reports</i> , 2019, 9, 4199.	1.6	17
63	All-sky Measurement of the Anisotropy of Cosmic Rays at 10 TeV and Mapping of the Local Interstellar Magnetic Field. <i>Astrophysical Journal</i> , 2019, 871, 96.	1.6	32
64	Detection of the Temporal Variation of the Sun's Cosmic Ray Shadow with the IceCube Detector. <i>Astrophysical Journal</i> , 2019, 872, 133.	1.6	7
65	Sensitivity of the KM3NeT/ARCA neutrino telescope to point-like neutrino sources. <i>Astroparticle Physics</i> , 2019, 111, 100-110.	1.9	71
66	Constraints on Minute-Scale Transient Astrophysical Neutrino Sources. <i>Physical Review Letters</i> , 2019, 122, 051102.	2.9	23
67	Measurements using the inelasticity distribution of multi-TeV neutrino interactions in IceCube. <i>Physical Review D</i> , 2019, 99, .	1.6	55
68	Exploration of different x-ray Talbot-Lau setups for dark-field lung imaging examined in a porcine lung. <i>Physics in Medicine and Biology</i> , 2019, 64, 065013.	1.6	11
69	A Search for Cosmic Neutrino and Gamma-Ray Emitting Transients in 7.3 yr of ANTARES and Fermi LAT Data. <i>Astrophysical Journal</i> , 2019, 886, 98.	1.6	6
70	The search for high-energy neutrinos coincident with fast radio bursts with the ANTARES neutrino telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 184-193.	1.6	8
71	Simulation study on X-ray phase contrast imaging with dual-phase gratings. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 3-10.	1.7	6
72	KM3NeT front-end and readout electronics system: hardware, firmware, and software. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.0	18

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73	On the Characteristics of Helical 3D X-Ray Dark-Field Imaging. Informatik Aktuell, 2019, , 264-269.	0.4	0
74	Measurement of the high-energy all-flavor neutrino-nucleon cross section with IceCube. , 2019, , .		0
75	Phasenkontrast Röntgen mit 2 Phasengittern und medizinisch relevanten Detektoren. Informatik Aktuell, 2018, , 170-175.	0.4	0
76	Search for Neutrinoless Double-Beta Decay with the Upgraded EXO-200 Detector. Physical Review Letters, 2018, 120, 072701.	2.9	152
77	Measurement of Atmospheric Neutrino Oscillations at 6×10^{15} GeV with IceCube DeepCore. Physical Review Letters, 2018, 120, 071801.	2.9	88
78	Implementation of a Talbot-Lau interferometer in a clinical-like c-arm setup: A feasibility study. Scientific Reports, 2018, 8, 2325.	1.6	21
79	The SURvey for Pulsars and Extragalactic Radio Bursts " II. New FRB discoveries and their follow-up. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1427-1446.	1.6	156
80	Search for nucleon decays with EXO-200. Physical Review D, 2018, 97, .	1.6	14
81	Search for nonstandard neutrino interactions with IceCube DeepCore. Physical Review D, 2018, 97, .	1.6	23
82	A preclinical Talbot-Lau prototype for x-ray dark-field imaging of human-sized objects. Medical Physics, 2018, 45, 2565-2571.	1.6	21
83	All-flavor Search for a Diffuse Flux of Cosmic Neutrinos with Nine Years of ANTARES Data. Astrophysical Journal Letters, 2018, 853, L7.	3.0	41
84	Characterization of an Ionization Readout Tile for nEXO. Journal of Instrumentation, 2018, 13, P01006-P01006.	0.5	14
85	Astrophysical neutrinos and cosmic rays observed by IceCube. Advances in Space Research, 2018, 62, 2902-2930.	1.2	20
86	VUV-Sensitive Silicon Photomultipliers for Xenon Scintillation Light Detection in nEXO. IEEE Transactions on Nuclear Science, 2018, 65, 2823-2833.	1.2	29
87	Study of silicon photomultiplier performance in external electric fields. Journal of Instrumentation, 2018, 13, T09006-T09006.	0.5	5
88	Joint Constraints on Galactic Diffuse Neutrino Emission from the ANTARES and IceCube Neutrino Telescopes. Astrophysical Journal Letters, 2018, 868, L20.	3.0	64
89	The cosmic ray shadow of the Moon observed with the ANTARES neutrino telescope. European Physical Journal C, 2018, 78, 1006.	1.4	14
90	Single-shot Talbot-Lau x-ray dark-field imaging of a porcine lung applying the moiré imaging approach. Physics in Medicine and Biology, 2018, 63, 185010.	1.6	5

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91	Deep neural networks for energy and position reconstruction in EXO-200. Journal of Instrumentation, 2018, 13, P08023-P08023.	0.5	34
92	Phase-Sensitive Region-of-Interest Computed Tomography. Lecture Notes in Computer Science, 2018, , 137-144.	1.0	2
93	Search for neutrinos from decaying dark matter with IceCube. European Physical Journal C, 2018, 78, 831.	1.4	62
94	Long-term monitoring of the ANTARES optical module efficiencies using ^{40}K 40 K decays in sea water. European Physical Journal C, 2018, 78, 1.	1.4	10
95	Characterisation of the Hamamatsu photomultipliers for the KM3NeT Neutrino Telescope. Journal of Instrumentation, 2018, 13, P05035-P05035.	0.5	25
96	Differential limit on the extremely-high-energy cosmic neutrino flux in the presence of astrophysical background from nine years of IceCube data. Physical Review D, 2018, 98, .	1.6	131
97	The Search for Neutrinos from TXS 0506+056 with the ANTARES Telescope. Astrophysical Journal Letters, 2018, 863, L30.	3.0	24
98	Moiré artefact reduction in Talbot-Lau X-ray imaging. , 2018, , .		2
99	Enhanced reconstruction algorithm for moiré artefact suppression in Talbot-Lau x-ray imaging. Physics in Medicine and Biology, 2018, 63, 135018.	1.6	11
100	Non-Destructive Testing of Archaeological Findings by Grating-Based X-Ray Phase-Contrast and Dark-Field Imaging. Journal of Imaging, 2018, 4, 58.	1.7	22
101	Improved Reconstruction Technique for Moiré Imaging Using an X-Ray Phase-Contrast Talbot-Lau Interferometer. Journal of Imaging, 2018, 4, 62.	1.7	12
102	Neutrino interferometry for high-precision tests of Lorentz symmetry with IceCube. Nature Physics, 2018, 14, 961-966.	6.5	66
103	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	6.0	654
104	Neutrino emission from the direction of the blazar TXS 0506+056 prior to the IceCube-170922A alert. Science, 2018, 361, 147-151.	6.0	601
105	A Search for Neutrino Emission from Fast Radio Bursts with Six Years of IceCube Data. Astrophysical Journal, 2018, 857, 117.	1.6	22
106	Sensitivity and discovery potential of the proposed nEXO experiment to neutrinoless double- β decay. Physical Review C, 2018, 97, .	1.1	115
107	Hairline fracture detection using Talbot-Lau x-ray imaging. , 2018, , .		1
108	Towards a dual phase grating interferometer on clinical hardware. , 2018, , .		0

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109	All-sky Search for Time-integrated Neutrino Emission from Astrophysical Sources with 7 yr of IceCube Data. <i>Astrophysical Journal</i> , 2017, 835, 151.	1.6	198
110	Talbot-Lau X-ray phase contrast for tiling-based acquisitions without reference scanning. <i>Medical Physics</i> , 2017, 44, 1886-1898.	1.6	3
111	THE CONTRIBUTION OF FERMI-2LAC BLAZARS TO DIFFUSE TEV-PEV NEUTRINO FLUX. <i>Astrophysical Journal</i> , 2017, 835, 45.	1.6	186
112	Time-dependent search for neutrino emission from X-ray binaries with the ANTARES telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2017, 2017, 019-019.	1.9	8
113	PINGU: a vision for neutrino and particle physics at the South Pole. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2017, 44, 054006.	1.4	45
114	Optimization procedure for a Talbot-Lau x-ray phase-contrast imaging system. <i>Journal of Instrumentation</i> , 2017, 12, P04018-P04018.	0.5	12
115	Sperm whale long-range echolocation sounds revealed by ANTARES, a deep-sea neutrino telescope. <i>Scientific Reports</i> , 2017, 7, 45517.	1.6	20
116	Results from the search for dark matter in the Milky Way with 9 years of data of the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 769, 249-254.	1.5	52
117	Search for dark matter annihilation in the earth using the ANTARES neutrino telescope. <i>Physics of the Dark Universe</i> , 2017, 16, 41-48.	1.8	19
118	High-performance direct conversion X-ray detectors based on sintered hybrid lead triiodide perovskite wafers. <i>Nature Photonics</i> , 2017, 11, 436-440.	15.6	442
119	Towards quantification of kidney stones using X-ray dark-field tomography. , 2017, , .		5
120	Towards cartilage diagnosis in X-ray phase-contrast interferometry. , 2017, , .		0
121	The IceCube realtime alert system. <i>Astroparticle Physics</i> , 2017, 92, 30-41.	1.9	116
122	The IceCube Neutrino Observatory: instrumentation and online systems. <i>Journal of Instrumentation</i> , 2017, 12, P03012-P03012.	0.5	390
123	First all-flavor neutrino pointlike source search with the ANTARES neutrino telescope. <i>Physical Review D</i> , 2017, 96, .	1.6	60
124	Multi-messenger Observations of a Binary Neutron Star Merger [*] . <i>Astrophysical Journal Letters</i> , 2017, 848, L12.	3.0	2,805
125	Search for high-energy neutrinos from bright GRBs with ANTARES. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 906-915.	1.6	27
126	New constraints on all flavor Galactic diffuse neutrino emission with the ANTARES telescope. <i>Physical Review D</i> , 2017, 96, .	1.6	33

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127	Search for Astrophysical Sources of Neutrinos Using Cascade Events in IceCube. <i>Astrophysical Journal</i> , 2017, 846, 136.	1.6	21
128	Trace radioactive impurities in final construction materials for EXO-200. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 871, 169-179.	0.7	25
129	Search for sterile neutrino mixing using three years of IceCube DeepCore data. <i>Physical Review D</i> , 2017, 95, .	1.6	75
130	Search for high-energy neutrinos from gravitational wave event GW151226 and candidate LVT151012 with ANTARES and IceCube. <i>Physical Review D</i> , 2017, 96, .	1.6	40
131	High-energy x-ray Talbot-Lau radiography of a human knee. <i>Physics in Medicine and Biology</i> , 2017, 62, 6729-6745.	1.6	20
132	Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	22
133	Search for annihilating dark matter in the Sun with 3 years of IceCube data. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	111
134	Measurement of the μ energy spectrum with IceCube-79. <i>European Physical Journal C</i> , 2017, 77, 692.	1.4	24
135	Search for High-energy Neutrinos from Binary Neutron Star Merger GW170817 with ANTARES, IceCube, and the Pierre Auger Observatory. <i>Astrophysical Journal Letters</i> , 2017, 850, L35.	3.0	135
136	Measurement of the multi-TeV neutrino interaction cross-section with IceCube using Earth absorption. <i>Nature</i> , 2017, 551, 596-600.	13.7	113
137	Constraints on Galactic Neutrino Emission with Seven Years of IceCube Data. <i>Astrophysical Journal</i> , 2017, 849, 67.	1.6	95
138	Extending the Search for Muon Neutrinos Coincident with Gamma-Ray Bursts in IceCube Data. <i>Astrophysical Journal</i> , 2017, 843, 112.	1.6	116
139	Stacked search for time shifted high energy neutrinos from gamma ray bursts with the Antares neutrino telescope. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	8
140	First search for dark matter annihilations in the Earth with the IceCube detector. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	20
141	An algorithm for the reconstruction of high-energy neutrino-induced particle showers and its application to the ANTARES neutrino telescope. <i>European Physical Journal C</i> , 2017, 77, 419.	1.4	11
142	Measurement and simulative proof concerning the visibility loss in x-ray Talbot-Lau Moiré imaging. <i>Journal of Instrumentation</i> , 2017, 12, T12007-T12007.	0.5	4
143	Searches for double beta decay of ^{134}Xe with EXO-200. <i>Physical Review D</i> , 2017, 96, .	1.6	9
144	Search for relativistic magnetic monopoles with five years of the ANTARES detector data. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	9

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145	Search for neutrinos from dark matter self-annihilations in the center of the Milky Way with 3 years of IceCube/DeepCore. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	62
146	All-sky search for high-energy neutrinos from gravitational wave event GW170104 with the Antares neutrino telescope. <i>European Physical Journal C</i> , 2017, 77, 1.	1.4	13
147	An Algorithm for the Reconstruction of Neutrino-induced Showers in the ANTARES Neutrino Telescope. <i>Astronomical Journal</i> , 2017, 154, 275.	1.9	14
148	Analytical and simulative investigations of moiré artefacts in Talbot-Lau X-ray imaging. <i>Optics Express</i> , 2017, 25, 32897.	1.7	19
149	Multiwavelength follow-up of a rare IceCube neutrino multiplet. <i>Astronomy and Astrophysics</i> , 2017, 607, A115.	2.1	33
150	Improved reconstruction of phase-stepping data for Talbot-Lau x-ray imaging. <i>Journal of Medical Imaging</i> , 2017, 4, 1.	0.8	24
151	Zukünftige Entwicklungen in der Bildgebung. , 2017, , 201-218.		0
152	Simultaneous Maximum-Likelihood Reconstruction of Absorption Coefficient, Refractive Index and Dark-Field Scattering Coefficient in X-Ray Talbot-Lau Tomography. <i>PLoS ONE</i> , 2016, 11, e0163016.	1.1	6
153	Improved limits on dark matter annihilation in the Sun with the 79-string IceCube detector and implications for supersymmetry. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 022-022.	1.9	56
154	Evaluation of a new reconstruction algorithm for x-ray phase-contrast imaging. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
155	Very high-energy gamma-ray follow-up program using neutrino triggers from IceCube. <i>Journal of Instrumentation</i> , 2016, 11, P11009-P11009.	0.5	24
156	OBSERVATION AND CHARACTERIZATION OF A COSMIC MUON NEUTRINO FLUX FROM THE NORTHERN HEMISPHERE USING SIX YEARS OF ICECUBE DATA. <i>Astrophysical Journal</i> , 2016, 833, 3.	1.6	336
157	SEARCH FOR SOURCES OF HIGH-ENERGY NEUTRONS WITH FOUR YEARS OF DATA FROM THE ICETOP DETECTOR. <i>Astrophysical Journal</i> , 2016, 830, 129.	1.6	7
158	A method to stabilise the performance of negatively fed KM3NeT photomultipliers. <i>Journal of Instrumentation</i> , 2016, 11, P12014-P12014.	0.5	8
159	A beam hardening and dispersion correction for x-ray dark-field radiography. <i>Medical Physics</i> , 2016, 43, 2774-2779.	1.6	24
160	Constraints on Ultrahigh-Energy Cosmic-Ray Sources from a Search for Neutrinos above 10 ¹⁶ eV with IceCube. <i>Physical Review Letters</i> , 2016, 117, 241101.	2.9	111
161	Letter of intent for KM3NeT 2.0. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016, 43, 084001.	1.4	512
162	3-D reconstruction of historical documents using an X-Ray C-Arm CT system. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
163	Limits on dark matter annihilation in the sun using the ANTARES neutrino telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 69-74.	1.5	78
164	THE FIRST COMBINED SEARCH FOR NEUTRINO POINT-SOURCES IN THE SOUTHERN HEMISPHERE WITH THE ANTARES AND ICECUBE NEUTRINO TELESCOPES. Astrophysical Journal, 2016, 823, 65.	1.6	49
165	Time calibration with atmospheric muon tracks in the ANTARES neutrino telescope. Astroparticle Physics, 2016, 78, 43-51.	1.9	5
166	Coincidence of a high-fluence blazar outburst with a PeV-energy neutrino event. Nature Physics, 2016, 12, 807-814.	6.5	170
167	Constraints on the neutrino emission from the Galactic Ridge with the ANTARES telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 143-148.	1.5	35
168	ANISOTROPY IN COSMIC-RAY ARRIVAL DIRECTIONS IN THE SOUTHERN HEMISPHERE BASED ON SIX YEARS OF DATA FROM THE ICECUBE DETECTOR. Astrophysical Journal, 2016, 826, 220.	1.6	72
169	Searches for Sterile Neutrinos with the IceCube Detector. Physical Review Letters, 2016, 117, 071801.	2.9	140
170	Designing the phase grating for Talbot-Lau phase-contrast imaging systems: a simulation and experiment study. Optics Express, 2016, 24, 13357.	1.7	15
171	All-flavour search for neutrinos from dark matter annihilations in the Milky Way with IceCube/DeepCore. European Physical Journal C, 2016, 76, 1.	1.4	37
172	High-energy neutrino follow-up search of gravitational wave event GW150914 with ANTARES and IceCube. Physical Review D, 2016, 93, .	1.6	92
173	AN ALL-SKY SEARCH FOR THREE FLAVORS OF NEUTRINOS FROM GAMMA-RAY BURSTS WITH THE ICECUBE NEUTRINO OBSERVATORY. Astrophysical Journal, 2016, 824, 115.	1.6	109
174	LOWERING ICECUBE'S ENERGY THRESHOLD FOR POINT SOURCE SEARCHES IN THE SOUTHERN SKY. Astrophysical Journal Letters, 2016, 824, L28.	3.0	27
175	MURCHISON WIDEFIELD ARRAY LIMITS ON RADIO EMISSION FROM ANTARES NEUTRINO EVENTS. Astrophysical Journal Letters, 2016, 820, L24.	3.0	9
176	Optimisation of image reconstruction for phase-contrast x-ray Talbot-Lau imaging with regard to mechanical robustness. Physics in Medicine and Biology, 2016, 61, 6441-6464.	1.6	23
177	Construction and evaluation of a high-energy grating-based x-ray phase-contrast imaging setup. , 2016, , .		0
178	High-energy x-ray grating-based phase-contrast radiography of human anatomy. , 2016, , .		1
179	The prototype detection unit of the KM3NeT detector. European Physical Journal C, 2016, 76, 1.	1.4	32
180	A search for Secluded Dark Matter in the Sun with the ANTARES neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 016-016.	1.9	26

#	ARTICLE	IF	CITATIONS
181	Influence of magnetic fields on charge sharing caused by diffusion in medipix detectors with a Si sensor. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 810, 19-26.	0.7	0
182	Optical and X-ray early follow-up of ANTARES neutrino alerts. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 062-062.	1.9	21
183	Reconstruction method for grating-based x-ray phase-contrast images without knowledge of the grating positions. Journal of Instrumentation, 2015, 10, P12017-P12017.	0.5	20
184	The Dosepix detector – an energy-resolving photon-counting pixel detector for spectrometric measurements. Journal of Instrumentation, 2015, 10, C04015-C04015.	0.5	8
185	Report of improved performance in Talbot-Lau phase-contrast computed tomography. Medical Physics, 2015, 42, 2892-2896.	1.6	6
186	Search of dark matter annihilation in the galactic centre using the ANTARES neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 068-068.	1.9	30
187	The high-energy γ -ray emission of AP Librae. Astronomy and Astrophysics, 2015, 573, A31.	2.1	25
188	Search for muon-neutrino emission from GeV and TeV gamma-ray flaring blazars using five years of data of the ANTARES telescope. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 014-014.	1.9	9
189	Thermo-acoustic sound generation in the interaction of pulsed proton and laser beams with a water target. Astroparticle Physics, 2015, 65, 69-79.	1.9	8
190	Improvement of the energy resolution of pixelated CdTe detectors for applications in $0\nu\bar{\nu}\nu$ searches. Journal of Instrumentation, 2015, 10, P07010-P07010.	0.5	0
191	3D Tensor Reconstruction in X-Ray Dark-Field Tomography. Informatik Aktuell, 2015, , 492-497.	0.4	3
192	Probing the gamma-ray emission from HESS J1834-087 using H.E.S.S. and Fermi-LAT observations. Astronomy and Astrophysics, 2015, 574, A27.	2.1	24
193	ANTARES constrains a blazar origin of two IceCube PeV neutrino events. Astronomy and Astrophysics, 2015, 576, L8.	2.1	15
194	TANAMI blazars in the IceCube PeV-neutrino fields. Astronomy and Astrophysics, 2014, 566, L7.	2.1	46
195	Deep sea tests of a prototype of the KM3NeT digital optical module. European Physical Journal C, 2014, 74, 1.	1.4	46
196	HESS J1640-465 - an exceptionally luminous TeV γ -ray supernova remnant. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2828-2836.	1.6	27
197	Characterization of a hybrid energy-resolving photon-counting detector. Proceedings of SPIE, 2014, , .	0.8	1
198	Rejection of β -particle background for neutrinoless double beta decay search with pixel detectors. Journal of Instrumentation, 2014, 9, P10015-P10015.	0.5	2

#	ARTICLE	IF	CITATIONS
199	Energy weighting in grating-based X-ray phase-contrast imaging. , 2014, , .		0
200	Analysis of a deconvolution-based information retrieval algorithm in X-ray grating-based phase-contrast imaging. Proceedings of SPIE, 2014, , .	0.8	1
201	Simulation of dark-field imaging of micro-calcifications in human breast tissue with X-ray Talbot-Lau interferometry. Journal of Instrumentation, 2014, 9, C05028-C05028.	0.5	1
202	Searches for clustering in the time integrated skymap of the ANTARES neutrino telescope. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 001-001.	1.9	9
203	Detection of non-classical space-time correlations with a novel type of single-photon camera. Optics Express, 2014, 22, 17561.	1.7	9
204	Simulation framework for coherent and incoherent X-ray imaging and its application in Talbot-Lau dark-field imaging. Optics Express, 2014, 22, 23276.	1.7	24
205	Energy weighted x-ray dark-field imaging. Optics Express, 2014, 22, 24507.	1.7	11
206	SEARCHES FOR POINT-LIKE AND EXTENDED NEUTRINO SOURCES CLOSE TO THE GALACTIC CENTER USING THE ANTARES NEUTRINO TELESCOPE. Astrophysical Journal Letters, 2014, 786, L5.	3.0	88
207	Three-dimensional photograph of electron tracks through a plastic scintillator. European Physical Journal C, 2014, 74, 1.	1.4	2
208	Discovery of the VHE gamma-ray source HESS J1832-093 in the vicinity of SNR G22.7-0.2. Monthly Notices of the Royal Astronomical Society, 2014, 446, 1163-1169.	1.6	14
209	LONG-TERM TeV AND X-RAY OBSERVATIONS OF THE GAMMA-RAY BINARY HESS J0632+057. Astrophysical Journal, 2014, 780, 168.	1.6	39
210	A search for neutrino emission from the Fermi bubbles with the ANTARES telescope. European Physical Journal C, 2014, 74, 1.	1.4	25
211	Reconstruction of scalar and vectorial components in X-ray dark-field tomography. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12699-12704.	3.3	32
212	3D particle track reconstruction in a single layer cadmium-telluride hybrid active pixel detector. European Physical Journal C, 2014, 74, 1.	1.4	10
213	TeV γ -ray observations of the young synchrotron-dominated SNRs G1.9+0.3 and G330.2+1.0 with H.E.S.S.. Monthly Notices of the Royal Astronomical Society, 2014, 441, 790-799.	1.6	18
214	A search for time dependent neutrino emission from microquasars with the ANTARES telescope. Journal of High Energy Astrophysics, 2014, 3-4, 9-17.	2.4	9
215	H.E.S.S. observations of the Crab during its March 2013 GeV gamma-ray flare. Astronomy and Astrophysics, 2014, 562, L4.	2.1	43
216	Search for extended γ -ray emission around AGN with H.E.S.S. and Fermi-LAT. Astronomy and Astrophysics, 2014, 562, A145.	2.1	49

#	ARTICLE	IF	CITATIONS
217	HESS J1818-154, a new composite supernova remnant discovered in TeV gamma rays and X-rays. <i>Astronomy and Astrophysics</i> , 2014, 562, A40.	2.1	11
218	Flux upper limits for 47 AGN observed with H.E.S.S. in 2004~2011. <i>Astronomy and Astrophysics</i> , 2014, 564, A9.	2.1	44
219	Search for TeV Gamma-ray Emission from GRB 100621A, an extremely bright GRB in X-rays, with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2014, 565, A16.	2.1	174
220	Investigation on the directional dark-field signals from paperboards using a grating interferometer. <i>Journal of Instrumentation</i> , 2014, 9, C04032-C04032.	0.5	9
221	Characterization of the Dosepix detector with XRF and analog testpulses. <i>Journal of Instrumentation</i> , 2014, 9, C05069-C05069.	0.5	5
222	Constraining the neutrino emission of gravitationally lensed Flat-Spectrum Radio Quasars with ANTARES data. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 017-017.	1.9	8
223	Shading correction for grating-based differential phase contrast X-ray imaging. , 2014, , .		4
224	Signal Decomposition for X-ray Dark-Field Imaging. <i>Lecture Notes in Computer Science</i> , 2014, 17, 170-177.	1.0	6
225	On a dark-field signal generated by micrometer-sized calcifications in phase-contrast mammography. <i>Physics in Medicine and Biology</i> , 2013, 58, 2713-2732.	1.6	118
226	H.E.S.S. discovery of VHE γ -rays from the quasar PKS 1510-089. <i>Astronomy and Astrophysics</i> , 2013, 554, A107.	2.1	73
227	Constraints on axionlike particles with H.E.S.S. from the irregularity of the PKS γ spectrum. <i>Physical Review D</i> . 2013, 88, .	1.6	112
228	Characterization of the energy resolution and the tracking capabilities of a hybrid pixel detector with CdTe-sensor layer for a possible use in a neutrinoless double beta decay experiment. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	7
229	Measurement of the atmospheric $\hat{1}/2 \hat{1}/4$ energy spectrum from 100 GeV to 200 TeV with the ANTARES telescope. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	51
230	Comments on "Ozonation of a mixture of estrogens and progestins in aqueous solution: Interpretation of experimental results by computational methods" by Ekaterina V. Rokhina, Nagarjuna S. Vattikonda, Candice Johnson, Rominder P.S. Suri [<i>Chemosphere</i> 89 (11) (2012) 1323-1329]. <i>Chemosphere</i> , 2013, 92, 1062-1063.	4.2	0
231	Grating-based darkfield imaging of human breast tissue. <i>Zeitschrift Fur Medizinische Physik</i> , 2013, 23, 228-235.	0.6	44
232	Simulation chain for acoustic ultra-high energy neutrino detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 725, 102-105.	0.7	2
233	Search for Photon-Linelike Signatures from Dark Matter Annihilations with H.E.S.S.. <i>Physical Review Letters</i> , 2013, 110, 041301.	2.9	176
234	Measurement of the extragalactic background light imprint on the spectra of the brightest blazars observed with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2013, 550, A4.	2.1	139

#	ARTICLE	IF	CITATIONS
235	Detection potential of the KM3NeT detector for high-energy neutrinos from the Fermi bubbles. <i>Astroparticle Physics</i> , 2013, 42, 7-14.	1.9	28
236	Artifacts in X-ray dark-field measurements. , 2013, , .		1
237	Energy-resolved interferometric x-ray imaging. , 2013, , .		0
238	Grating-based dark-field breast imaging. , 2013, , .		2
239	First results on dark matter annihilation in the Sun using the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 032-032.	1.9	20
240	First search for neutrinos in correlation with gamma-ray bursts with the ANTARES neutrino telescope. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 006-006.	1.9	13
241	A first search for coincident gravitational waves and high energy neutrinos using LIGO, Virgo and ANTARES data from 2007. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 008-008.	1.9	32
242	HESS and Fermi-LAT discovery of γ -rays from the blazar 1ES 1312+423. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1889-1901.	1.6	32
243	Increasing the darkfield contrast-to-noise ratio using a deconvolution-based information retrieval algorithm in X-ray grating-based phase-contrast imaging. <i>Optics Express</i> , 2013, 21, 18011.	1.7	16
244	Projection angle dependence in grating-based X-ray dark-field imaging of ordered structures. <i>Optics Express</i> , 2013, 21, 19922.	1.7	31
245	Grating-based x-ray phase-contrast imaging with a multi energy-channel photon-counting pixel detector. <i>Optics Express</i> , 2013, 21, 25677.	1.7	14
246	Confronting recent results from selected direct and indirect dark matter searches and the Higgs boson with supersymmetric models with non-universal gaugino masses. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 022-022.	1.9	4
247	Simulation and analysis chain for acoustic ultra-high energy neutrino detectors in water. , 2013, , .		0
248	SEARCH FOR A CORRELATION BETWEEN ANTARES NEUTRINOS AND PIERRE AUGER OBSERVATORY UHECRs ARRIVAL DIRECTIONS. <i>Astrophysical Journal</i> , 2013, 774, 19.	1.6	12
249	Search for very-high-energy γ -ray emission from Galactic globular clusters with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2013, 551, A26.	2.1	16
250	Search for muon neutrinos from gamma-ray bursts with the ANTARES neutrino telescope using 2008 to 2011 data. <i>Astronomy and Astrophysics</i> , 2013, 559, A9.	2.1	57
251	Discovery of very high energy γ -ray emission from the BL Lacertae object PKS 0301+243 with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2013, 559, A136.	2.1	26
252	Expansion cone for the 3-inch PMTs of the KM3NeT optical modules. <i>Journal of Instrumentation</i> , 2013, 8, T03006-T03006.	0.5	15

#	ARTICLE	IF	CITATIONS
253	Discovery of TeV γ -ray emission from PKS 0447-439 and derivation of an upper limit on its redshift. <i>Astronomy and Astrophysics</i> , 2013, 552, A118.	2.1	32
254	H.E.S.S. observations of the binary system PSR B1259-63/LS 2883 around the 2010/2011 periastron passage. <i>Astronomy and Astrophysics</i> , 2013, 551, A94.	2.1	34
255	Deep-Sea Bioluminescence Blooms after Dense Water Formation at the Ocean Surface. <i>PLoS ONE</i> , 2013, 8, e67523.	1.1	58
256	Discovery of high and very high-energy emission from the BL Lacertae object SHBL J001355.9+185406. <i>Astronomy and Astrophysics</i> , 2013, 554, A72.	2.1	18
257	The ANTARES neutrino telescope. <i>EPJ Web of Conferences</i> , 2013, 52, 09008.	0.1	0
258	Image fusion in x-ray differential phase-contrast imaging. , 2012, , .		5
259	Energy-dependent visibility measurements, their simulation and optimisation of an X-ray Talbot-Lau Interferometer. <i>Journal of Instrumentation</i> , 2012, 7, P02003-P02003.	0.5	6
260	THE 2010 VERY HIGH ENERGY γ -RAY FLARE AND 10 YEARS OF MULTI-WAVELENGTH OBSERVATIONS OF M 87. <i>Astrophysical Journal</i> , 2012, 746, 151.	1.6	145
261	The positioning system of the ANTARES Neutrino Telescope. <i>Journal of Instrumentation</i> , 2012, 7, T08002-T08002.	0.5	48
262	Bayesian deconvolution as a method for the spectroscopy of X-rays with highly pixelated photon counting detectors. <i>Journal of Instrumentation</i> , 2012, 7, P03003-P03003.	0.5	13
263	Discovery of hard-spectrum γ -ray emission from the BL Lacertae object 1ES 0414+009. <i>Astronomy and Astrophysics</i> , 2012, 538, A103.	2.1	45
264	Identification of HESS J1303+631 as a pulsar wind nebula through γ -ray, X-ray, and radio observations. <i>Astronomy and Astrophysics</i> , 2012, 548, A46.	2.1	25
265	Probing the extent of the non-thermal emission from the Vela X region at TeV energies with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2012, 548, A38.	2.1	74
266	SPECTRAL ANALYSIS AND INTERPRETATION OF THE γ -RAY EMISSION FROM THE STARBURST GALAXY NGC 253. <i>Astrophysical Journal</i> , 2012, 757, 158.	1.6	61
267	Electrical measurements of a multi-mode hybrid pixel detector ASIC for radiation detection. <i>Journal of Instrumentation</i> , 2012, 7, C01056-C01056.	0.5	5
268	Improving the spectral resolution of a highly pixelated detector by applying a pixel-by-pixel energy calibration for investigating the spectral properties of the anode heel effect. <i>Journal of Instrumentation</i> , 2012, 7, P07011-P07011.	0.5	2
269	Time-resolved spectrometry for the characterization of a reference field for pulsed radiation. <i>Journal of Instrumentation</i> , 2012, 7, T10002-T10002.	0.5	0
270	SEARCH FOR COSMIC NEUTRINO POINT SOURCES WITH FOUR YEARS OF DATA FROM THE ANTARES TELESCOPE. <i>Astrophysical Journal</i> , 2012, 760, 53.	1.6	104

#	ARTICLE	IF	CITATIONS
271	Measurement of atmospheric neutrino oscillations with the ANTARES neutrino telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 714, 224-230.	1.5	63
272	Search for neutrino emission from gamma-ray flaring blazars with the ANTARES telescope. <i>Astroparticle Physics</i> , 2012, 36, 204-210.	1.9	19
273	Spectroscopic dark-field imaging using a grating-based Talbot-Lau interferometer. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
274	Spectrum optimization of a Talbot-Lau interferometer towards clinical application. , 2012, , .		0
275	Discovery of VHE emission towards the Carina arm region with the H.E.S.S. telescope array: HESS J1018+589. <i>Astronomy and Astrophysics</i> , 2012, 541, A5.	2.1	28
276	Discovery of VHE γ -ray emission and multi-wavelength observations of the BL Lacertae object 1RXS J101015.9+311909. <i>Astronomy and Astrophysics</i> , 2012, 542, A94.	2.1	29
277	Constraints on the gamma-ray emission from the cluster-scale AGN outburst in the Hydra A galaxy cluster. <i>Astronomy and Astrophysics</i> , 2012, 545, A103.	2.1	6
278	Discovery of gamma-ray emission from the extragalactic pulsar wind nebula N157B with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2012, 545, L2.	2.1	23
279	The ANTARES telescope neutrino alert system. <i>Astroparticle Physics</i> , 2012, 35, 530-536.	1.9	39
280	Measurement of the group velocity of light in sea water at the ANTARES site. <i>Astroparticle Physics</i> , 2012, 35, 552-557.	1.9	4
281	Search for relativistic magnetic monopoles with the ANTARES neutrino telescope. <i>Astroparticle Physics</i> , 2012, 35, 634-640.	1.9	43
282	Signal classification for acoustic neutrino detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 662, S242-S245.	0.7	3
283	Development of combined Opto-Acoustical sensor Modules. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 662, S203-S205.	0.7	0
284	A method for detection of muon induced electromagnetic showers with the ANTARES detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 675, 56-62.	0.7	2
285	HESS observations of the Carina nebula and its enigmatic colliding wind binary Eta Carinae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 128-135.	1.6	17
286	A multiwavelength view of the flaring state of PKS 2155-304 in 2006. <i>Astronomy and Astrophysics</i> , 2012, 539, A149.	2.1	48
287	Discovery of extended VHE γ -ray emission from the vicinity of the young massive stellar cluster Westerlund 1. <i>Astronomy and Astrophysics</i> , 2012, 537, A114.	2.1	76
288	SEARCH FOR DARK MATTER ANNIHILATION SIGNALS FROM THE FORNAX GALAXY CLUSTER WITH H.E.S.S.. <i>Astrophysical Journal</i> , 2012, 750, 123.	1.6	57

#	ARTICLE	IF	CITATIONS
289	The Influence of Pixel Pitch and Electrode Pad Size on the Spectroscopic Performance of a Photon Counting Pixel Detector With CdTe Sensor. IEEE Transactions on Nuclear Science, 2011, 58, 17-25.	1.2	20
290	Acoustic and optical variations during rapid downward motion episodes in the deep north-western Mediterranean Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 2011, 58, 875-884.	0.6	15
291	Detection of very-high-energy γ -ray emission from the vicinity of PSR B1706-44 and G343.1+2.3 with H.E.S.S.. Astronomy and Astrophysics, 2011, 528, A143.	2.1	19
292	Very-high-energy gamma-ray emission from the direction of the Galactic globular cluster Terzan 5. Astronomy and Astrophysics, 2011, 531, L18.	2.1	40
293	Discovery of the source HESS J1356-645 associated with the young and energetic PSR J1357-6429. Astronomy and Astrophysics, 2011, 533, A103.	2.1	33
294	Revisiting the Westerlund 2 field with the HESS telescope array. Astronomy and Astrophysics, 2011, 525, A46.	2.1	52
295	Material reconstruction with the Medipix2 detector with CdTe sensor. Journal of Instrumentation, 2011, 6, C01037-C01037.	0.5	2
296	FIRST SEARCH FOR POINT SOURCES OF HIGH-ENERGY COSMIC NEUTRINOS WITH THE ANTARES NEUTRINO TELESCOPE. Astrophysical Journal Letters, 2011, 743, L14.	3.0	43
297	Discovery and follow-up studies of the extended, off-plane, VHE gamma-ray source HESS J1507-622. Astronomy and Astrophysics, 2011, 525, A45.	2.1	23
298	A new SNR with TeV shell-type morphology: HESS J1731-347. Astronomy and Astrophysics, 2011, 531, A81.	2.1	77
299	Simultaneous multi-wavelength campaign on PKS 2005-489 in a high state. Astronomy and Astrophysics, 2011, 533, A110.	2.1	18
300	HESS J1943+213: a candidate extreme BL Lacertae object. Astronomy and Astrophysics, 2011, 529, A49.	2.1	31
301	H.E.S.S. OBSERVATIONS OF THE GLOBULAR CLUSTERS NGC 6388 AND M15 AND SEARCH FOR A DARK MATTER SIGNAL. Astrophysical Journal, 2011, 735, 12.	1.6	34
302	Measurements and simulations analysing the noise behaviour of grating-based X-ray phase-contrast imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 648, S273-S275.	0.7	8
303	Simulation and measurement of grating-based X-ray phase-contrast imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 648, S269-S272.	0.7	0
304	Exploration of Pixelated detectors for double beta decay searches within the COBRA experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 650, 73-78.	0.7	6
305	ANTARES: The first undersea neutrino telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 656, 11-38.	0.7	441
306	A pixel detector ASIC for dosimetry using time-over-threshold energy measurements. Radiation Measurements, 2011, 46, 1619-1623.	0.7	18

#	ARTICLE	IF	CITATIONS
307	Photoproduction of ω mesons on nuclei near the production threshold. European Physical Journal A, 2011, 47, 1.	1.0	17
308	H.E.S.S. constraints on dark matter annihilations towards the sculptor and carina dwarf galaxies. Astroparticle Physics, 2011, 34, 608-616.	1.9	74
309	A fast algorithm for muon track reconstruction and its application to the ANTARES neutrino telescope. Astroparticle Physics, 2011, 34, 652-662.	1.9	80
310	A modified spectrum reconstruction method for the Charge Summing Mode of Medipix3. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 633, S128-S130.	0.7	2
311	AMADEUS – The acoustic neutrino detection test system of the ANTARES deep-sea neutrino telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 626-627, 128-143.	0.7	58
312	Application of Hybrid Pixel Detectors for Searches of Rare Decays. Nuclear Physics, Section B, Proceedings Supplements, 2011, 215, 275-277.	0.5	0
313	Time calibration of the ANTARES neutrino telescope. Astroparticle Physics, 2011, 34, 539-549.	1.9	85
314	Search for Lorentz Invariance breaking with a likelihood fit of the PKS 2155-304 flare data taken on MJD 53944. Astroparticle Physics, 2011, 34, 738-747.	1.9	94
315	Evaluation of X-ray phase-contrast imaging with the Medipix. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 633, S143-S147.	0.7	4
316	Search for a diffuse flux of high-energy γ with the ANTARES neutrino telescope. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 16-22.	1.5	59
317	Search for a Dark Matter Annihilation Signal from the Galactic Center Halo with H.E.S.S.. Physical Review Letters, 2011, 106, 161301.	2.9	209
318	Energy-dependent visibility measurement and its simulation in X-ray Talbot interferometry. , 2011, , .		0
319	Noise in γ grating-based phase-contrast imaging. Medical Physics, 2011, 38, 4133-4140.	1.6	69
320	Monte Carlo simulations of bremsstrahlung production in a carbon target for imaging in radiotherapy. , 2011, , .		0
321	Investigations on the origin of the darkfield signal in X-Ray Talbot interferometry. , 2011, , .		2
322	Spectroscopic measurements concerning grating-based x-ray phase-contrast imaging. , 2011, , .		0
323	Optimization of differential phase-contrast imaging setups using simulative approaches. , 2011, , .		2
324	Phase-unwrapping of differential phase-contrast data using attenuation information. , 2011, , .		8

#	ARTICLE	IF	CITATIONS
325	X-ray spectroscopy with photon counting imaging detectors such as Timepix. , 2011, , .		3
326	Acoustic Particle Detection with the ANTARES Detector. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	0
327	Grating-based high energy X-ray interferometry with the Medipix-detector in simulation and measurement. Journal of Instrumentation, 2010, 5, P10008-P10008.	0.5	4
328	Multi-wavelength observations of H α . Astronomy and Astrophysics, 2010, 516, A56.	2.1	37
329	VHE γ -ray emission of PKS 2155+304: spectral and temporal variability. Astronomy and Astrophysics, 2010, 520, A83.	2.1	88
330	First detection of VHE γ -rays from SN 1006 by HESS. Astronomy and Astrophysics, 2010, 516, A62.	2.1	139
331	Measurement of the atmospheric muon flux with a 4GeV threshold in the ANTARES neutrino telescope. Astroparticle Physics, 2010, 33, 86-90.	1.9	34
332	Zenith distribution and flux of atmospheric muons measured with the 5-line ANTARES detector. Astroparticle Physics, 2010, 34, 179-184.	1.9	53
333	Detection of optical photons with the Timepix in an HPD set-up. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 623, 288-290.	0.7	1
334	Performance of the front-end electronics of the ANTARES neutrino telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 622, 59-73.	0.7	51
335	Rauschfreie Röntgenbilder mit Medipix. Bildgebende Pixeldetektoren. Physik in Unserer Zeit, 2010, 41, 128-133.	0.0	0
336	Localizing the VHE γ -ray source at the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2010, 402, 1877-1882.	1.6	55
337	Discovery of VHE γ -rays from the BL Lacertae object PKS 0548+322. Astronomy and Astrophysics, 2010, 521, A69.	2.1	30
338	Performance analysis of X-Ray phase-contrast interferometers with respect to grating layouts. , 2010, , .		4
339	In-medium μ on mass from the γ +Nb \rightarrow μ +X reaction. Physical Review C, 2010, 82, .	1.1	42
340	Simulation of x-ray phase-contrast computed tomography of a medical phantom comprising particle and wave contributions. , 2010, , .		3
341	PKS 2005-489 at VHE: four years of monitoring with HESS and simultaneous multi-wavelength observations. Astronomy and Astrophysics, 2010, 511, A52.	2.1	34
342	NEW POSSIBILITIES IN MEDICAL X-RAY IMAGING WITH PHOTON COUNTING PIXEL DETECTORS. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
343	SOMEWHAT DIFFERENT APPLICATIONS OF HYBRID PHOTON COUNTING PIXEL DETECTORS. , 2010, , .		0
344	THE SOUND OF NEUTRINOS. , 2010, , .		0
345	Detection of very high energy radiation from HESS J1908+063 confirms the Milagro unidentified source MGRO J1908+06. Astronomy and Astrophysics, 2009, 499, 723-728.	2.1	55
346	SIMULTANEOUS OBSERVATIONS OF PKS 2155-304 WITH HESS, FERMI, RXTE, AND ATOM: SPECTRAL ENERGY DISTRIBUTIONS AND VARIABILITY IN A LOW STATE. Astrophysical Journal, 2009, 696, L150-L155.	1.6	144
347	Simultaneous multiwavelength observations of the second exceptional γ -ray flare of PKS 2155-304 in July 2006. Astronomy and Astrophysics, 2009, 502, 749-770.	2.1	95
348	Spectrum and variability of the Galactic center VHE γ -ray source HESS J1745-290. Astronomy and Astrophysics, 2009, 503, 817-825.	2.1	99
349	Very high energy γ -ray observations of the binary PSR B1259-63/SS2883 around the 2007 Periastron. Astronomy and Astrophysics, 2009, 507, 389-396.	2.1	70
350	Induced signals in X-ray detectors with steering grid geometry. , 2009, , .		2
351	Time resolved measurement of a pulsed X-ray source with the Timepix detector. , 2009, , .		2
352	Simulation of a medical linac with evaluation of dose profiles behind an electron applicator. , 2009, , .		0
353	Comparison of simulated and measured energy response spectra for a Medipix2 detector using CdTe as sensor material. , 2009, , .		2
354	Detection of Gamma Rays from a Starburst Galaxy. Science, 2009, 326, 1080-1082.	6.0	172
355	Comparison of recent experimental data with Monte Carlo tools such as RoSi, Geant4 and Penelope. , 2009, , .		2
356	Radio Imaging of the Very-High-Energy γ -Ray Emission Region in the Central Engine of a Radio Galaxy. Science, 2009, 325, 444-448.	6.0	175
357	Low Energy Dosimetry With Photon Counting Pixel Detectors Such as Medipix. IEEE Transactions on Nuclear Science, 2009, 56, 417-423.	1.2	21
358	A hybrid photodetector using the Timepix semiconductor assembly for photoelectron detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 205-208.	0.7	9
359	Exploiting the MEDIPIX2 detector for the reconstruction of X-ray spectra. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 607, 103-106.	0.7	7
360	Reconstruction of X-ray spectra with the energy sensitive photon counting detector Medipix2. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 598, 510-514.	0.7	22

#	ARTICLE	IF	CITATIONS
361	Contrast agent recognition in small animal CT using the Medipix2 detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 607, 179-182.	0.7	56
362	Towards an asynchronously operating hybrid photon detector based on the Timepix readout chip. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 610, 72-74.	0.7	0
363	Towards a direction-sensitive optical module for neutrino telescopes based on a hybrid photon detector. Nuclear Physics, Section B, Proceedings Supplements, 2009, 197, 74-77.	0.5	0
364	AMADEUS on-line trigger and filtering methods. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, S185-S188.	0.7	2
365	Position reconstruction of acoustic sources with the AMADEUS detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, S189-S192.	0.7	3
366	Performance of the first ANTARES detector line. Astroparticle Physics, 2009, 31, 277-283.	1.9	47
367	Reconstruction methods for acoustic particle detection in the deep sea using clusters of hydrophones. Astroparticle Physics, 2009, 31, 19-23.	1.9	5
368	Simulation of X-ray phase-contrast imaging using grating-interferometry. , 2009, , .		7
369	DISCOVERY OF VERY HIGH ENERGY $\hat{\gamma}$ -RAY EMISSION FROM CENTAURUS A WITH H.E.S.S.. Astrophysical Journal, 2009, 695, L40-L44.	1.6	177
370	Probing the ATIC peak in the cosmic-ray electron spectrum with H.E.S.S.. Astronomy and Astrophysics, 2009, 508, 561-564.	2.1	396
371	HESS upper limit on the very high energy $\hat{\gamma}$ -ray emission from the globular cluster 47 Tucanae. Astronomy and Astrophysics, 2009, 499, 273-277.	2.1	23
372	Constraints on the multi-TeV particle population in the Coma galaxy cluster with HESS observations. Astronomy and Astrophysics, 2009, 502, 437-443.	2.1	67
373	HESS upper limits on very high energy gamma-ray emission from the microquasar GRS 1915+105. Astronomy and Astrophysics, 2009, 508, 1135-1140.	2.1	15
374	Very high energy gamma-ray observations of the galaxy clusters Abell 496 and Abell 85 with HESS. Astronomy and Astrophysics, 2009, 495, 27-35.	2.1	49
375	Material resolving X-ray imaging using spectrum reconstruction with Medipix2. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 591, 19-23.	0.7	33
376	Measurement and detailed simulation of the Modulation Transfer Function of the Medipix2. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 591, 314-317.	0.7	13
377	and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a} - \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle$ decays into $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" \rangle$ New results on the $\rho(770)$ resonance and the $\rho(770)$ resonance	1.5	67
378	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle P \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 11 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ partial wave. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 94-100.	1.5	92

#	ARTICLE	IF	CITATIONS
397	Investigation of charge carrier transport and charge sharing in X-ray semiconductor pixel detectors such as Medipix2. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 576, 239-242.	0.7	29
398	Photoproduction of ρ^0 mesons off protons from the $\rho^0(1232)$ region to $E^p = 3$ GeV. European Physical Journal A, 2007, 31, 61-77.	1.0	52
399	Photoproduction of ρ^0 off protons for $E^p \approx 3$ GeV. European Physical Journal A, 2007, 31, 365-372.	1.0	10
400	Measurement of the beam asymmetry in ρ^0 photoproduction off the proton. European Physical Journal A, 2007, 33, 147-155.	1.0	89
401	Photoproduction of ρ^0 -mesons off protons. European Physical Journal A, 2007, 33, 133-146.	1.0	48
402	The data acquisition system for the ANTARES neutrino telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 570, 107-116.	0.7	138
403	Investigating the DQE of the Medipix detector using the multiplicity concept. , 2006, , .		2
404	Quantitative Material Reconstruction in CT with Spectroscopic X-ray Pixel Detectors -- a Simulation Study. , 2006, , .		10
405	A fundamental method to determine the signal-to-noise ratio (SNR) and detective quantum efficiency (DQE) for a photon counting pixel detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 568, 799-802.	0.7	39
406	Study of piezo based sensors for acoustic particle detection. Astroparticle Physics, 2006, 26, 301-309.	1.9	16
407	First results of the Instrumentation Line for the deep-sea ANTARES neutrino telescope. Astroparticle Physics, 2006, 26, 314-324.	1.9	99
408	Imaging theory for X-ray pixel detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 563, 116-123.	0.7	13
409	TESTING THERMO-ACOUSTIC SOUND GENERATION IN WATER WITH PROTON AND LASER BEAMS. International Journal of Modern Physics A, 2006, 21, 127-131.	0.5	9
410	MEASUREMENTS AND SIMULATION STUDIES OF PIEZOCERAMICS FOR ACOUSTIC PARTICLE DETECTION. International Journal of Modern Physics A, 2006, 21, 97-101.	0.5	1
411	DESIGN CONSIDERATIONS AND SENSITIVITY ESTIMATES FOR AN ACOUSTIC NEUTRINO DETECTOR. International Journal of Modern Physics A, 2006, 21, 212-216.	0.5	1
412	DEVELOPMENT OF ACOUSTIC SENSORS FOR THE ANTARES EXPERIMENT. International Journal of Modern Physics A, 2006, 21, 92-96.	0.5	2
413	INTEGRATION OF ACOUSTIC DETECTION EQUIPMENT INTO ANTARES. International Journal of Modern Physics A, 2006, 21, 227-231.	0.5	1
414	Experimental simulation of a spectroscopic pixel X-ray detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 546, 205-208.	0.7	2

#	ARTICLE	IF	CITATIONS
433	Development of flip-chip bonding technology for (Cd,Zn)Te. IEEE Transactions on Nuclear Science, 2004, 51, 1799-1802.	1.2	13
434	First measurement of the helicity-dependent $\hat{p} \cdot \hat{\sigma} \hat{p} \cdot \hat{\sigma}$ differential cross-section. European Physical Journal A, 2003, 17, 241-244.	1.0	23
435	Threshold characterisation of the Medipix1 chip. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 509, 138-145.	0.7	7
436	Computed tomography using the Medipix1 chip. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 509, 240-250.	0.7	18
437	Helicity dependence of the $\hat{p} \cdot \hat{\sigma} \hat{p} \cdot \hat{\sigma}$ reaction in the second resonance region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 49-55.	1.5	56
438	A photon tagging system for the GDH-Experiment at ELSA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 498, 211-219.	0.7	9
439	ROSI"an object-oriented and parallel-computing Monte Carlo simulation for X-ray imaging. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 509, 151-156.	0.7	90
440	Large-scale images taken with the Medipix1 chip. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 509, 340-345.	0.7	6
441	First Measurement of the Gerasimov-Drell-Hearn Sum Rule for H_1 from 0.7 to 1.8 GeV at ELSA. Physical Review Letters, 2003, 91, 192001.	2.9	78
442	3D-position sensitive compact scintillation detector as absorber for a Compton-Camera. , 2003, , .		1
443	Helicity Amplitudes $A_{1/2}$ and $A_{3/2}$ for the $D_{13}(1520)$ Resonance Obtained from the $\hat{p} \cdot \hat{\sigma} \hat{p} \cdot \hat{\sigma}$ Reaction. Physical Review Letters, 2002, 88, 232002.	2.9	63
444	The GDH-Detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 484, 129-139.	0.7	10
445	ITEM"QM solutions for EM problems in image reconstruction exemplary for the Compton Camera. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 488, 323-331.	0.7	7
446	An active collimator system for a high-energy photon beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 459, 6-15.	0.7	10
447	First Measurement of the Gerasimov-Drell-Hearn Integral for H_1 from 200 to 800 MeV. Physical Review Letters, 2001, 87, .	2.9	141
448	Helicity Dependence of $\hat{p} \cdot \hat{\sigma}$ below 450 MeV and Contribution to the Gerasimov-Drell-Hearn Sum Rule. Physical Review Letters, 2000, 84, 5950-5954.	2.9	95
449	Photo-nuclear reactions on few body systems. Nuclear Physics A, 1998, 631, 230-241.	0.6	0
450	Measurement of the Target Asymmetry of $\hat{p} \cdot \hat{\sigma}$ and $\hat{p} \cdot \hat{\sigma}$ Photoproduction on the Proton. Physical Review Letters, 1998, 81, 534-537.	2.9	89

#	ARTICLE	IF	CITATIONS
451	Break-up and Coherent Photoproduction of η -Mesons on the Deuteron. <i>Physical Review Letters</i> , 1997, 78, 4697-4700.	2.9	50
452	^{14}C dating of sediment samples. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1997, 123, 455-459.	0.6	16
453	The Erlangen AMS facility: status report and research program. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1997, 123, 93-96.	0.6	21
454	Isospin splitting of transition amplitudes from photoproduction of eta mesons on deuterium. <i>Progress in Particle and Nuclear Physics</i> , 1996, 36, 131-136.	5.6	0
455	Neutral pion photoproduction from the proton near threshold. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 368, 20-25.	1.5	101
456	Near threshold photoproduction of η -mesons from complex nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 373, 45-50.	1.5	78
457	Photoproduction of positive pions from polarized protons. <i>Nuclear Physics A</i> , 1996, 601, 319-332.	0.6	24
458	Mass and $\Gamma(\rho^0/\rho^{\pm})$ decay branching ratio of the η -meson from the $p(\rho^{\pm}, \eta)p$ reaction. <i>Zeitschrift für Physik A</i> , 1995, 351, 237-240.	0.9	20
459	Near-threshold photoproduction of η -mesons from the deuteron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 358, 40-46.	1.5	94
460	Cross sections and asymmetries for the reaction from threshold to 1 GeV. <i>Nuclear Physics A</i> , 1995, 590, 763-784.	0.6	24
461	Experimental test of the Gerasimov-Drell-Hearn sum rule. <i>Progress in Particle and Nuclear Physics</i> , 1995, 34, 173-180.	5.6	7
462	Krusche et al. Reply. <i>Physical Review Letters</i> , 1995, 75, 3023-3023.	2.9	10
463	Near Threshold Photoproduction of η -Mesons off the Proton. <i>Physical Review Letters</i> , 1995, 74, 3736-3739.	2.9	291
464	η meson photoproduction on hydrogen near threshold. <i>Physical Review C</i> , 1995, 51, R2283-R2287.	1.1	25
465	Response of TAPS to monochromatic photons with energies between 45 and 790 MeV. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994, 346, 168-176.	0.7	198
466	Photoproduction of positive pions from hydrogen with PHOENICS at ELSA. <i>Nuclear Physics A</i> , 1994, 570, 580-598.	0.6	51
467	The photon tagging system of the PHOENICS-experiment at ELSA. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992, 321, 479-488.	0.7	13
468	Amadeus - a new type of large area scintillation detector with position-, energy- and time-of-flight determination. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1991, 310, 631-635.	0.7	8

#	ARTICLE	IF	CITATIONS
469	The study of baryon resonances by real photons. Progress in Particle and Nuclear Physics, 1990, 24, 303-321.	5.6	2
470	Photodisintegration of polarized deuterons ?measurement of angular distributions atE ?=450, 550 and 650 MeV. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1989, 43, 375-380.	1.5	4
471	A LED monitoring system for pulse height and time measurement with scintillation counters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 274, 222-226.	0.7	9
472	Observation of a narrow enhancement in the pp mass distribution from the reaction Î³d â†’ ppî€². Nuclear Physics A, 1986, 459, 573-593.	0.6	26
473	Target asymmetry measurement of deuteron photodisintegration at a photon energy of 550 MeV. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1984, 26, 175-179.	1.5	9
474	Positive pion photoproduction from hydrogen at photon energies between 500 MeV and 1,400 MeV in forward direction. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1983, 18, 199-205.	1.5	25
475	Deuteron photodisintegration at photon energies between 200 and 700 MeV in backward direction. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1983, 21, 149-154.	1.5	11
476	Reconstruction of Compton-camera images using artificial neural networks. , 0, , .		1
477	3D image reconstruction of CT-data using the ITEM algorithm. , 0, , .		0
478	A method for stoichiometric material reconstruction with spectroscopic X-ray pixel detectors. , 0, , .		6
479	Practical aspects of energy weighting in X-ray imaging. , 0, , .		7
480	Design and material considerations for a sensitive scintillation detector as absorber for a resolution Compton-Camera. , 0, , .		0
481	Using the Medipix2 Detector for Photon Counting Computed Tomography. , 0, , .		5
482	A polarized fast radio burst at low Galactic latitude. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	45