

Eberhard Widmann

List of Publications by Year in descending order

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476
papers

8,362
citations

66250

44
h-index

81351

76
g-index

485
all docs

485
docs citations

485
times ranked

6393
citing authors

#	ARTICLE	IF	CITATIONS
19	Kaonic Deuterium Measurement with SIDDHARTA-2 on DAΦNE. Acta Physica Polonica B, 2020, 51, 251.	0.3	5
20	Kaonic Deuterium Precision Measurement at DAΦNE: The SIDDHARTA-2 Experiment. Springer Proceedings in Physics, 2020, , 965-969.	0.1	1
21	Probing low-energy QCD with kaonic atoms at DAΦNE. Journal of Physics: Conference Series, 2020, 1643, 012182.	0.3	0
22	Studies of K^{\pm} -nuclei interactions at low-energies by AMADEUS. Journal of Physics: Conference Series, 2020, 1643, 012081.	0.3	1
23	Recent Experimental Results on the Low-energy K^{\pm} Interaction with Nucleons by AMADEUS. Acta Physica Polonica B, 2020, 51, 121.	0.3	0
24	Kaonic atoms experiment at the DAΦNE collider by SIDDHARTA/SIDDHARTA-2. SciPost Physics Proceedings, 2020, , .	0.2	2
25	Search for polarized antiproton production. Hyperfine Interactions, 2019, 240, 1.	0.2	1
26	Measurement of jet radial profiles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 204-219.	1.5	7
27	Measurement of branching fraction and final-state asymmetry for the $B^0 \rightarrow K^0 \pi^0$ decay. Physical Review D, 2019, 100, .	1.6	2
28	A $100\text{-}\mu\text{m}$ -resolution position-sensitive detector for slow positronium. Nuclear Instruments & Methods in Physics Research B, 2019, 457, 44-48.	0.6	8
29	Charged-particle pseudorapidity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	12
30	First Observation of an Attractive Interaction between a Proton and a Cascade Baryon. Physical Review Letters, 2019, 123, 112002.	2.9	66
31	Calibration of the photon spectrometer PHOS of the ALICE experiment. Journal of Instrumentation, 2019, 14, P05025-P05025.	0.5	8
32	Charged-particle production as a function of multiplicity and transverse sphericity in pp collisions at $\sqrt{s} = 5.02$ and 13 TeV . European Physical Journal C, 2019, 79, 1.	1.4	49
33	Event-shape and multiplicity dependence of freeze-out radii in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
34	Investigations of Anisotropic Flow Using Multiparticle Azimuthal Correlations in p -p, p -Pb, Xe-Xe, and Pb-Pb Collisions at the LHC. Physical Review Letters, 2019, 123, 142301.	2.9	64
35	Low energy antikaon-nucleon/nuclei interaction studies by AMADEUS. AIP Conference Proceedings, 2019, , .	0.3	0
36	Spectroscopic study of the $\Lambda(1405)$ resonance via the $d(K^{\pm}, n)$ reaction at J-PARC. AIP Conference Proceedings, 2019, , .	0.3	2

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37	\bar{p} correlated production from low energy K^+ ^{12}C interactions by AMADEUS. EPJ Web of Conferences, 2019, 199, 03010.	0.1	0
38	Polarization analysis of \bar{p}_\perp , produced in pA collisions. EPJ Web of Conferences, 2019, 199, 05013.	0.1	0
39	Drift chamber calibration and particle identification in the P-349 experiment. EPJ Web of Conferences, 2019, 199, 05017.	0.1	0
40	Study of the \bar{p} interaction with femtoscopy correlations in p and p collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134822.	1.5	64
41	Measurement of the production of charm jets tagged with D0 mesons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
42	Production of muons from heavy-flavour hadron decays in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	4
43	Production of \bar{p} and \bar{p} in $3He$ and \bar{p} collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 620-625.	0.7	6
44	nuclear bound state, observed in $3He$ \bar{p} reactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 620-625.	0.8	4
45	Spectroscopy of kaonic atoms at DAFNE and J-PARC. EPJ Web of Conferences, 2019, 199, 03004.	0.1	2
46	A hydrogen beam to characterize the ASACUSA antihydrogen hyperfine spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 935, 110-120.	0.7	6
47	X-ray Detectors for Kaonic Atoms Research at DAΦNE. Condensed Matter, 2019, 4, 42.	0.8	4
48	Experiments with low-energy kaons at the DAΦNE Collider. Journal of Physics: Conference Series, 2019, 1137, 012037.	0.3	1
49	Multiplicity dependence of \bar{p} production in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134822.	1.5	27
50	production in Pb collisions at $\sqrt{s}=5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134822.	1.5	27
51	Measurement of D^0 , D^+ , D^* and D^* production in pp collisions at $\sqrt{s}=5.02$ TeV with ALICE. European Physical Journal C, 2019, 79, 1.	1.4	43
52	Antiproton beams with low energy spread for antihydrogen production. Journal of Instrumentation, 2019, 14, P05009-P05009.	0.5	4
53	Jet fragmentation transverse momentum measurements from di-hadron correlations in $\sqrt{s}=7$ TeV pp and $\sqrt{s_{NN}}=5.02$ TeV Pb collisions. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
54	Monte-Carlo simulation of positronium laser excitation and anti-hydrogen formation via charge exchange. Hyperfine Interactions, 2019, 240, 1.	0.2	1

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55	Real-time data processing in the ALICE High Level Trigger at the LHC. Computer Physics Communications, 2019, 242, 25-48.	3.0	14
56	Velocity-selected production of S^3 metastable positronium. Physical Review A, 2019, 99, .	1.0	17
57	Low Energy Antikaon-nucleon/nuclei interaction studies by AMADEUS. EPJ Web of Conferences, 2019, 199, 01014.	0.1	0
58	Hyperfine spectroscopy of hydrogen and antihydrogen in ASACUSA. Hyperfine Interactions, 2019, 240, 1.	0.2	18
59	Measurements of isospin asymmetry and difference of direct CP asymmetries in inclusive $B \rightarrow X s \bar{s}$ decays. Physical Review D, 2019, 99, .	1.6	10
60	Imaging a positronium cloud in a 1 Tesla. EPJ Web of Conferences, 2019, 198, 00004.	0.1	4
61	Event-Shape Engineering for the D-meson elliptic flow in mid-central Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	16
62	Precision resonance energy scans with the PANDA experiment at FAIR. European Physical Journal A, 2019, 55, 1.	1.0	27
63	of ^{12}C and Evidence for ^{12}C		

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73	positronium production by stimulated decay from the S positronium production by stimulated decay from the S	1.0	8
74	All the fun of the FAIR: fundamental physics at the facility for antiproton and ion research. Physica Scripta, 2019, 94, 033001.	1.2	79
75	Search for a Light C P -odd Higgs Boson and Low-Mass Dark Matter at the Belle Experiment. Physical Review Letters, 2019, 122, 011801.	2.9	15
76	Detector setup of the VIP2 underground experiment at LNGS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 233-234.	0.7	1
77	Technical design report for the \overline{P} AND Barrel DIRC detector. Journal of Physics C: Nuclear and Particle Physics, 2019, 46, 045001.	1.4	28
78	Inclusive J/ψ production at mid-rapidity in pp collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
79	Measurement of the inclusive isolated photon production cross section in $ext{p}ext{p}$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	8
80	Kaonic Atoms Measurement at DA Φ \hat{I} NE: SIDDHARTA and SIDDHARTA-2. Springer Proceedings in Physics, 2019, , 191-195.	0.1	0
81	Low-energy K^{*} Hadronic Interactions with Light Nuclei by AMADEUS. , 2019, ,		0
82	AEgIS at ELENA: outlook for physics with a pulsed cold antihydrogen beam. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170274.	1.6	8
83	Search for $B \rightarrow X c$ violation in the $B \rightarrow X c$	1.6	26
84	Search for $B \rightarrow X c$ violation in the $B \rightarrow X c$	1.6	10
85	Measurement of the $B \rightarrow X c$ reaction near the $B \rightarrow X c$	1.1	21
86	lepton polarization and R D T $ETQq000rgBT/Ov$	1.6	118
87	Compression of a mixed antiproton and electron non-neutral plasma to high densities. European Physical Journal D, 2018, 72, 1.	0.6	17
88	Observation of $\Lambda_c(2930)^0$ and updated measurement of $\Lambda_c \rightarrow K^+$ $\Lambda_c \rightarrow K^+$ $\Lambda_c \rightarrow K^+$ at Belle. European Physical Journal C, 2018, 78, 1.	1.4	31
89	charmed baryons in collisions. Physical Review D, 2018, 97,	1.6	61
90	Imaging antimatter with a Micromegas detector. Nuclear Instruments & Methods in Physics Research B, 2018, 422, 1-6.	0.6	1

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91	The kaonic atoms research program at DAΦNE: overview and perspectives. Journal of Physics: Conference Series, 2018, 1138, 012011.	0.3	1
92	Search for the violation of Pauli Exclusion Principle at LNGS. EPJ Web of Conferences, 2018, 182, 02118.	0.1	1
93	A New Silicon Drift Detector System for Kaonic Atom Measurements. Journal of Physics: Conference Series, 2018, 1138, 012013.	0.3	1
94	Search for the rare decay of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ with improved hadronic t . Physical Review D, 2018, 98, .	1.6	15
95	Antiproton tagging and vertex fitting in a Timepix3 detector. Journal of Instrumentation, 2018, 13, P06004-P06004.	0.5	0
96	The kaonic atoms research program at DAΦNE: from SIDDHARTA to SIDDHARTA-2. EPJ Web of Conferences, 2018, 181, 01004.	0.1	3
97	Low energy interaction studies of negative kaons in light nuclear targets by AMADEUS. EPJ Web of Conferences, 2018, 181, 01005.	0.1	2
98	Studies of low-energy K- nuclear interactions by AMADEUS. EPJ Web of Conferences, 2018, 182, 02035.	0.1	0
99	A charged particle veto detector for kaonic deuterium measurements at DAΦNE. Journal of Physics: Conference Series, 2018, 1138, 012012.	0.3	5
100	NuPECC in the Nuclear Physics Landscape. Nuclear Physics News, 2018, 28, 3-4.	0.1	0
101	Measurement of $\Gamma_c(1S)$, $\Gamma_c(2S)$, and nonresonant $\pi^+ \pi^- \pi^0$ production via two-photon collisions. Physical Review D, 2018, 98, .	1.6	5
102	Measurement of the branching fraction and time-dependent $C \rightarrow P$ asymmetry for $C \rightarrow B^0 \pi^0$. Physical Review D, 2018, 98, .	1.6	5
103	Observation of $e^+e^- \rightarrow \pi^+ \pi^- \pi^0$ and search for $e^+e^- \rightarrow \pi^+ \pi^- \pi^0$, $\pi^+ \pi^- \pi^0$, and $\pi^+ \pi^- \pi^0$ at s near 10.6 GeV at Belle. Physical Review D, 2018, 98, .	1.6	8
104	Measurement of the decays $B_c^+ \rightarrow \pi^+ \pi^- \pi^0$ at Belle. Physical Review D, 2018, 98, .	1.6	5
105	Observation of $e^+e^- \rightarrow \pi^+ \pi^- \pi^0 \pi^0$ and search for $e^+e^- \rightarrow \pi^+ \pi^- \pi^0 \pi^0$ at $s = 10.96 \text{ GeV}$. Physical Review D, 2018, 98, .	1.6	5
106	Observation of $\bar{B}^0(2S) \rightarrow \pi^+ \pi^- \pi^0$ Decay. Physical Review Letters, 2018, 121, 232001.	2.9	5
107	Evidence of a structure in $\Lambda_c^+ \rightarrow K^+ \Lambda^0$. European Physical Journal C, 2018, 78, 1.	1.4	22
108	Search for the lepton-flavor-violating decay $B^0 \rightarrow K^* \pi^+ \pi^- e^+ e^-$. Physical Review D, 2018, 98, .	1.6	5

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109	Measurement of time-dependent asymmetries in CP asymmetries in $B^0 \rightarrow K^* S$	1.6	7
110	Monte-Carlo based performance assessment of ASACUSA's antihydrogen detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 910, 90-95.	0.7	3
111	AEgl...IS latest results. EPJ Web of Conferences, 2018, 181, 01037.	0.1	1
112	Determination of N^* amplitudes from associated strangeness production in p+p collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 574-580.	1.5	12
113	Towards the first measurement of matter-antimatter gravitational interaction. EPJ Web of Conferences, 2018, 182, 02040.	0.1	3
114	Search for $B^0 \rightarrow S^* K^0$	1.6	2
115	Recent Developments from ASACUSA on Antihydrogen Detection. EPJ Web of Conferences, 2018, 181, 01003.	0.1	10
116	Search for $B^0 \rightarrow \tilde{\nu}^* K^0$	2.9	13
117	Inclusive study of bottomonium production in association with Υ meson in $e^+e^- \rightarrow e^+e^- \Upsilon(5S)$ ($5S \rightarrow \Upsilon(5S)$). European Physical Journal C, 2018, 78, 1.	1.4	13
118	On the Importance of Electron Diffusion in a Bulk-Matter Test of the Pauli Exclusion Principle. Entropy, 2018, 20, 515.	1.1	13
119	Measurement of branching fractions of hadronic decays of the Λ_c^0 baryon. Physical Review D, 2018, 97, .	1.6	9
120	Study of $K^0_S \rightarrow S^* K^0$ pair production in single-tag two-photon collisions. Physical Review D, 2018, 97, .	1.6	5
121	The ASACUSA antihydrogen and hydrogen program: results and prospects. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170273.	1.6	33
122	Production cross sections of hyperons and charmed baryons from $e^+e^- \rightarrow \mu^+\mu^- \Lambda_c^0$ annihilation near s^* . Physical Review D, 2018, .	1.6	17
123	Observation of an Excited Λ_c^0 Producing long-lived Λ_c^0 . Physical Review D, 2018, 121, 052003.	2.9	32
124	Production of $2\gamma \rightarrow S^* K^0$ positronium via $e^+e^- \rightarrow \mu^+\mu^- S^* K^0$	1.0	21
125	Experimental search for the violation of Pauli exclusion principle. European Physical Journal C, 2018, 78, 319.	1.4	20
126	Observation of $\Upsilon(4S) \rightarrow \Upsilon(1S)$. Physical Review Letters, 2018, 121, 062001.	2.9	8

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127	Measurement of the branching fraction of $B \rightarrow D^* T_{ETQq1}$. <i>Physical Review D</i> , 2017, 95, .	1.6	5
128	Measurement of the \tilde{L} , Michel parameters η and κ in the radiative leptonic decay $B \rightarrow \ell \gamma \ell^+ \nu_{\ell} \nu_{\ell'}$. <i>Progress of Theoretical and Experimental Physics</i> , 2018, 2018, .	1.8	11
129	Underground Test of Quantum Mechanics: The VIP2 Experiment. <i>STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health</i> , 2018, , 155-168.	0.0	2
130	Search for Deeply Bound Kaonic Nuclear States in the AMADEUS Experiment. <i>Acta Physica Polonica B</i> , 2018, 49, 705.	0.3	2
131	Low Energy Antikaon–Nucleon/Nuclei Interaction Studies by AMADEUS. <i>Acta Physica Polonica B, Proceedings Supplement</i> , 2018, 11, 609.	0.0	3
132	Observation of $B \rightarrow D^* C P$. <i>Physical Review Letters</i> , 2017, 118, 051801.	2.9	18
133	In-beam measurement of the hydrogen hyperfine splitting and prospects for antihydrogen spectroscopy. <i>Nature Communications</i> , 2017, 8, 15749.	5.8	26
134	Search for $B \rightarrow D^* \nu \bar{\nu}$ decays to invisible final states at Belle. <i>Physical Review D</i> , 2017, 95, .	1.6	10
135	Search for the \tilde{a}^0 glueball in $\tilde{\eta}(1S)$ and $\tilde{\eta}(2S)$ decays. <i>Physical Review D</i> , 2017, 95, .	1.6	10
136	Search for $B \rightarrow D^* \tilde{L} p$ and branching fraction measurement of $B \rightarrow D^* \tilde{L} \nu$. <i>Physical Review D</i> , 2017, 95, .	1.6	10
137	Measurement of the branching fraction and $B \rightarrow D^* e \nu$ annihilation at Belle. <i>Physical Review Letters</i> , 2017, 118, 111801.	1.6	14
138	Measurement of the branching fraction and $B \rightarrow D^* s \nu$ asymmetry in charmless $B \rightarrow D^* \tilde{L} \nu$. <i>Physical Review D</i> , 2017, 95, .	1.6	5
139	Observation of an alternative $B \rightarrow D^* \tilde{L} \nu$ decay. <i>Physical Review D</i> , 2017, 95, .	1.6	18
140	Measurement of the branching fraction and $B \rightarrow D^* \tilde{L} \nu$ asymmetry in charmless $B \rightarrow D^* \tilde{L} \nu$. <i>Physical Review D</i> , 2017, 95, .	1.6	45
141	Measurement of the branching fraction and $B \rightarrow D^* \tilde{L} \nu$ asymmetry in charmless $B \rightarrow D^* \tilde{L} \nu$. <i>Physical Review D</i> , 2017, 95, .	1.6	6
142	Lepton-Flavor-Dependent Angular Analysis of $B \rightarrow D^* K^* \nu \bar{\nu}$. <i>Physical Review Letters</i> , 2017, 118, 111801.	2.9	252
143	Measurement of the branching fraction and $B \rightarrow D^* \tilde{L} \nu$ asymmetry in charmless $B \rightarrow D^* \tilde{L} \nu$. <i>Physical Review D</i> , 2017, 95, .	1.6	21
144	Measurement of the decays $B \rightarrow D^* \tilde{L} \nu$, $B \rightarrow D^* \tilde{L} \nu$, and $B \rightarrow D^* \tilde{L} \nu$ in fully reconstructed events at Belle. <i>Physical Review D</i> , 2017, 96, .	1.6	10

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145	<p>or light tetraquark states in $1 < S > T_j \text{ ETQq1 } 1 \text{ 0.784314 } \text{ rgBT /Overlock } 10 \text{ Tf } 50 \text{ 747}$</p> <p>$1 < S > T_j \text{ ETQq1 } 1 \text{ 0.784314 } \text{ rgBT /Overlock } 10 \text{ Tf } 50 \text{ 747}$</p>		



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163	Drift Chamber Calibration and Track Reconstruction in the P349 Antiproton Polarization Experiment. Acta Physica Polonica B, 2017, 48, 1983.	0.3	3
164	Low-energy Antikaon–Nucleon/Nuclei Interaction Studies by AMADEUS. Acta Physica Polonica B, 2017, 48, 1875.	0.3	0
165	Antimatter Gravity Measurements with Cold Antihydrogen: the AEGIS Experiment. , 2017, , .		0
166	Prospects of In-Flight Hyperfine Spectroscopy of (Anti)Hydrogen for Tests of CPT Symmetry. , 2017, , .		0
167	Low-energy Antikaon–Nucleon Absorption Studies by AMADEUS. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 1125.	0.0	0
168	Positronium for Antihydrogen Production in the AEGIS Experiment. Acta Physica Polonica A, 2017, 132, 1443-1449.	0.2	0
169	Precision X-ray spectroscopy of kaonic atoms as a probe of low-energy kaon-nucleus interaction. EPJ Web of Conferences, 2016, 126, 04045.	0.1	4
170	Strong interaction studies with kaonic atoms. EPJ Web of Conferences, 2016, 113, 03009.	0.1	2
171	Search for Λ^{\pm} mesic nuclei by missing-mass spectroscopy of the $^{12}\text{C}(p,d)$ reaction. EPJ Web of Conferences, 2016, 130, 02010.	0.1	0
172	Future projects of light kaonic atom X-ray spectroscopy. EPJ Web of Conferences, 2016, 130, 01018.	0.1	0
173	Status of the analysis for the search of polarization in the antiproton production process. EPJ Web of Conferences, 2016, 130, 07002.	0.1	0
174	Probing antimatter gravity – The AEGIS experiment at CERN. EPJ Web of Conferences, 2016, 126, 02016.	0.1	2
175	SIDDHARTA results and implications of the results on antikaon-nucleon interaction. AIP Conference Proceedings, 2016, , .	0.3	2
176	Searches for the violation of Pauli exclusion principle at LNGS in VIP(-2) experiment. Journal of Physics: Conference Series, 2016, 718, 042055.	0.3	5
177	Towards measuring the ground state hyperfine splitting of antihydrogen – a progress report. Hyperfine Interactions, 2016, 237, 1.	0.2	8
178	Study of excited Λ^{\pm} mesic nuclei decaying into Λ^{\pm} and π^{\pm} . Journal of Physics: Conference Series, 2016, 770, 012034.	1.6	49
179	Kaonic atoms and strangeness in nuclei: SIDDHARTA-2 and AMADEUS experiments. Journal of Physics: Conference Series, 2016, 770, 012034.	0.3	2
180	Intelligent Front-end Electronics for Silicon photodetectors (IFES). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 819, 163-166.	0.7	6

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181	K -series X-ray yield measurement of kaonic hydrogen atoms in a gaseous target. Nuclear Physics A, 2016, 954, 7-16.	0.6	13
182	Study of doubly strange systems using stored antiprotons. Nuclear Physics A, 2016, 954, 323-340.	0.6	22
183	Measurement of Excitation Spectra in the C^{12}		

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199	Testing the Pauli Exclusion Principle for Electrons at LNGS. <i>Physics Procedia</i> , 2015, 61, 552-559.	1.2	3
200	Particle tracking at cryogenic temperatures: the Fast Annihilation Cryogenic Tracking (FACT) detector for the AEGIS antimatter gravity experiment. <i>Journal of Instrumentation</i> , 2015, 10, C02023-C02023.	0.5	5
201	Positron bunching and electrostatic transport system for the production and emission of dense positronium clouds into vacuum. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 362, 86-92.	0.6	34
202	VIP 2: experimental tests of the pauli exclusion principle for electrons. <i>Hyperfine Interactions</i> , 2015, 233, 121-126.	0.2	0
203	Investigation of the low energy kaons hadronic interactions in light nuclei by AMADEUS. <i>Hyperfine Interactions</i> , 2015, 234, 9-15.	0.2	0
204	High sensitivity tests of the Pauli Exclusion Principle with VIP2. <i>Journal of Physics: Conference Series</i> , 2015, 631, 012070.	0.3	3
205	Towards a precise measurement of the antihydrogen ground state hyperfine splitting in a beam: the case of in-flight radiative decays. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 184001.	0.6	11
206	The development of the antihydrogen beam detector and the detection of the antihydrogen atoms for in-flight hyperfine spectroscopy. <i>Journal of Physics: Conference Series</i> , 2015, 635, 022061.	0.3	3
207	Low-energy kaon-nucleon/nuclei interaction studies at DAΦNE by AMADEUS. <i>EPJ Web of Conferences</i> , 2015, 95, 04072.	0.1	0
208	Experiments with low-energy antimatter. <i>EPJ Web of Conferences</i> , 2015, 96, 01007.	0.1	1
209	Search for the deeply bound K-pp state from the semi-inclusive forward-neutron spectrum in the in-flight K- reaction on helium-3. <i>Progress of Theoretical and Experimental Physics</i> , 2015, 2015, 61D01-0.	1.8	24
210	The ASACUSA CUSP: an antihydrogen experiment. <i>Hyperfine Interactions</i> , 2015, 235, 13-20.	0.2	5
211	Unprecedented Studies of the Low-energy Negatively Charged Kaons Interactions in Nuclear Matter by AMADEUS. <i>Acta Physica Polonica B</i> , 2015, 46, 203.	0.3	23
212	Search for $\eta'(958)$ -nucleus Bound States by (p,d) Reaction at GSI and FAIR. <i>Acta Physica Polonica B</i> , 2015, 46, 127.	0.3	4
213	Measurement of the Strong Interaction Induced Shift and Width of the $1s$ State of Kaonic Deuterium at J-PARC. <i>Acta Physica Polonica B</i> , 2015, 46, 101.	0.3	15
214	Search for Polarization Effects in the Antiproton Production Process. <i>Acta Physica Polonica B</i> , 2015, 46, 191.	0.3	5
215	Numerical simulations of hyperfine transitions of antihydrogen. <i>Hyperfine Interactions</i> , 2015, 233, 47-51.	0.2	3
216	Spectroscopy of η' -nucleus bound states at GSI and FAIR – very preliminary results and future prospects –. <i>Hyperfine Interactions</i> , 2015, 234, 33-39.	0.2	4

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217	An atomic hydrogen beam to test ASACUSA's apparatus for antihydrogen spectroscopy. <i>Hyperfine Interactions</i> , 2015, 233, 35-40.	0.2	3
218	The AEgIS experiment. <i>Hyperfine Interactions</i> , 2015, 233, 13-20.	0.2	18
219	Emulsion detectors for the antihydrogen detection in AEgIS. <i>Hyperfine Interactions</i> , 2015, 233, 29-34.	0.2	1
220	Experimental access to Transition Distribution Amplitudes with the π^0 ANDA experiment at FAIR. <i>European Physical Journal A</i> , 2015, 51, 1.	1.0	29
221	Investigation of the low energy kaons hadronic interactions in light nuclei by AMADEUS. <i>EPJ Web of Conferences</i> , 2014, 81, 01016.	0.1	0
222	X-ray spectroscopy of kaonic atoms at SIDDHARTA. <i>EPJ Web of Conferences</i> , 2014, 73, 05008.	0.1	0
223	The yield of kaonic hydrogen X-rays in the SIDDHARTA experiment. <i>EPJ Web of Conferences</i> , 2014, 66, 09016.	0.1	1
224	Kaonic atoms – studies of the strong interaction with strangeness. <i>EPJ Web of Conferences</i> , 2014, 81, 01017.	0.1	0
225	Search for the $K^{\bar{0}}$ pp bound state via the in-flight $^3\text{He}(K^{\bar{0}}, n)$ reaction. <i>EPJ Web of Conferences</i> , 2014, 81, 02016.	0.1	0
226	Comparison of Planar and 3D Silicon Pixel Sensors Used for Detection of Low Energy Antiprotons. <i>IEEE Transactions on Nuclear Science</i> , 2014, 61, 3747-3753.	1.2	3
227	Progress and perspectives in the low-energy kaon-nucleon/nuclei interaction studies at the DAΦNE collider. <i>Journal of Physics: Conference Series</i> , 2014, 556, 012004.	0.3	0
228	Search for the $K^{\bar{0}}$ pp bound state via the $^3\text{He}(K^{\bar{0}}, n)$ reaction at 1 GeV/c. <i>Journal of Physics: Conference Series</i> , 2014, 569, 012080.	0.3	0
229	Unprecedented Studies of the Low-energy Negatively Charged Kaons Interactions in Nuclear Matter by AMADEUS. <i>Acta Physica Polonica B</i> , 2014, 45, 753.	0.3	2
230	A Search for Deeply-bound Kaonic Nuclear States by In-flight $^3\text{He}(K^{\bar{0}}, n)$ Reaction at J-PARC. <i>Acta Physica Polonica B</i> , 2014, 45, 767.	0.3	4
231	A Search for ϕ Meson Nucleus Bound State Using Antiproton Annihilation on Nucleus. <i>Acta Physica Polonica B</i> , 2014, 45, 819.	0.3	7
232	Kaonic Atoms – Results of the SIDDHARTA Experiment. <i>Acta Physica Polonica B</i> , 2014, 45, 787.	0.3	2
233	A moiré deflectometer for antimatter. <i>Nature Communications</i> , 2014, 5, 4538.	5.8	71
234	A source of antihydrogen for in-flight hyperfine spectroscopy. <i>Nature Communications</i> , 2014, 5, 3089.	5.8	149

#	ARTICLE	IF	CITATIONS
235	The AEGIS Experiment. <i>Hyperfine Interactions</i> , 2014, 228, 121-131.	0.2	6
236	AEGIS experiment: Towards antihydrogen beam production for antimatter gravity measurements. <i>European Physical Journal D</i> , 2014, 68, 1.	0.6	4
237	Spectroscopy apparatus for the measurement of the hyperfine structure of antihydrogen. <i>Hyperfine Interactions</i> , 2014, 228, 61-66.	0.2	6
238	Towards a spin polarized antihydrogen beam. <i>Hyperfine Interactions</i> , 2014, 228, 67-76.	0.2	1
239	Investigation of silicon sensors for their use as antiproton annihilation detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 765, 161-166.	0.7	6
240	Azimuthal emission patterns of K^+ of K^+ in $Ni^{60}+Ni$ collisions near the strangeness production threshold. <i>Physical Review C</i> , 2014, 90, .	1.1	22
241	Measuring the gravitational free-fall of antihydrogen. <i>Hyperfine Interactions</i> , 2014, 228, 151-157.	0.2	4
242	Perspectives for low energy antiproton physics at FAIR. <i>Hyperfine Interactions</i> , 2014, 229, 123-128.	0.2	2
243	L-series X-ray yields of kaonic ^3He and ^4He atoms in gaseous targets. <i>European Physical Journal A</i> , 2014, 50, 1.	1.0	8
244	Silvio: A trigger for Λ -hyperons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 745, 38-49.	0.7	0
245	New precision era of experiments on strong interaction with strangeness at DAFNE/LNF-INFN. <i>EPJ Web of Conferences</i> , 2014, 66, 05016.	0.1	0
246	Antiproton to electron mass ratio determined by two-photon laser spectroscopy of antiprotonic helium atoms. <i>EPJ Web of Conferences</i> , 2014, 66, 05020.	0.1	0
247	Unveiling the strangeness secrets: low-energy kaon-nucleon/nuclei interactions studies at DAΦNE. <i>EPJ Web of Conferences</i> , 2014, 66, 09004.	0.1	2
248	A search for the K^+pp bound state in the $^3\text{He}(K^+\text{-in-flight},n)$ reaction at J-PARC. <i>EPJ Web of Conferences</i> , 2014, 66, 09008.	0.1	1
249	Status of the PANDA Barrel DIRC. <i>Journal of Instrumentation</i> , 2014, 9, C05060-C05060.	0.5	6
250	Measuring GBAR with emulsion detector. <i>International Journal of Modern Physics Conference Series</i> , 2014, 30, 1460268.	0.7	3
251	Experimental Tests of Quantum Mechanics: Pauli Exclusion Principle and Spontaneous Collapse Models. <i>Springer Proceedings in Physics</i> , 2014, , 181-187.	0.1	0
252	Search for deeply bound Kaonic nuclear states via $^3\text{He}(K^+\text{-in-flight},n)$ reaction at J-PARC., 2014, , .		0

#	ARTICLE	IF	CITATIONS
253	Sub-Doppler Two-Photon Laser Spectroscopy of Antiprotonic Helium and the Antiproton-to-Electron Mass Ratio. <i>Few-Body Systems</i> , 2013, 54, 917-922.	0.7	0
254	Kaon-Nucleon Strong Interaction in Kaonic Atoms: The SIDDHARTA Program. <i>Few-Body Systems</i> , 2013, 54, 1123-1126.	0.7	1
255	A Search for Deeply Bound Kaonic Nuclear States at J-PARC. <i>Few-Body Systems</i> , 2013, 54, 1195-1199.	0.7	1
256	Technical design report for the \overline{P} ANDA (AntiProton Annihilations at Darmstadt) Straw Tube Tracker. <i>European Physical Journal A</i> , 2013, 49, 1.	1.0	71
257	Unlocking the secrets of the kaon-nucleon/nuclei interactions at low-energies: The SIDDHARTA(-2) and the AMADEUS experiments at the DAΦNE collider. <i>Nuclear Physics A</i> , 2013, 914, 251-259.	0.6	19
258	A search for deeply-bound kaonic nuclear state at the J-PARC E15 experiment. <i>Nuclear Physics A</i> , 2013, 914, 315-320.	0.6	9
259	X-ray transition yields of low-Z kaonic atoms produced in Kapton. <i>Nuclear Physics A</i> , 2013, 916, 30-47.	0.6	7
260	Preliminary study of kaonic deuterium X-rays by the SIDDHARTA experiment at DAΦNE. <i>Nuclear Physics A</i> , 2013, 907, 69-77.	0.6	44
261	Strong-interaction shifts and widths of kaonic helium isotopes. <i>Nuclear Physics A</i> , 2013, 914, 305-309.	0.6	1
262	Measurement of the hyperfine structure of antihydrogen in a beam. <i>Hyperfine Interactions</i> , 2013, 215, 1-8.	0.2	27
263	Two-photon laser spectroscopy of antiprotonic helium and the antiproton-electron mass ratio. , 2013, , .		0
264	Microwave spectroscopic study of the hyperfine structure of antiprotonic ³ He. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 125003.	0.6	9
265	Annihilation of low energy antiprotons in silicon sensors. , 2013, , .		0
266	Testing the Pauli Exclusion Principle for Electrons. <i>Journal of Physics: Conference Series</i> , 2013, 447, 012070.	0.3	14
267	Experimental tests of quantum mechanics: Pauli exclusion principle violation and spontaneous collapse models. , 2012, , .		0
268	Testing CPT symmetry with antiprotonic helium and antihydrogen. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	4
269	The K1.8BR spectrometer system at J-PARC. <i>Progress of Theoretical and Experimental Physics</i> , 2012, 2012, .	1.8	15
270	Experimental tests of Quantum Mechanics: from Pauli Exclusion Principle Violation to spontaneous collapse models. <i>Journal of Physics: Conference Series</i> , 2012, 361, 012006.	0.3	5

#	ARTICLE	IF	CITATIONS
271	Kaonic atoms measurements at the DAFNE accelerator: the SIDDHARTA experiment. Journal of Physics: Conference Series, 2012, 348, 012003.	0.3	0
272	Kaonic atoms measurements at the DAΦNE collider: the SIDDHARTA experiment. Journal of Physics: Conference Series, 2012, 383, 012004.	0.3	0
273	The Barrel DIRC of PANDA. Journal of Instrumentation, 2012, 7, C02008-C02008.	0.5	3
274	Double antikaonic nuclear clusters in antiproton-3He annihilation at J-PARC. Hyperfine Interactions, 2012, 213, 51-61.	0.2	3
275	Microwave spectroscopy measurements of the hyperfine structure in antiprotonic 3He. Hyperfine Interactions, 2012, 212, 167-177.	0.2	2
276	Antihydrogen atom formation in a CUSP trap towards spin polarized beams. Hyperfine Interactions, 2012, 212, 31-40.	0.2	0
277	A search for $\bar{\Lambda}^0$ meson nucleus bound state using antiproton annihilation on nucleus. Hyperfine Interactions, 2012, 213, 23-29.	0.2	0
278	Measurements of the strong-interaction widths of the kaonic 3He and 4He 2p levels. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 40-43.	1.5	33
279	X-ray spectroscopy of light kaonic atoms – new results and perspectives. Nuclear Physics, Section B, Proceedings Supplements, 2012, 233, 173-178.	0.5	0
280	A glimpse into the Pandora box of the quantum mechanics: The Pauli exclusion principle violation and spontaneous collapse models put at test. , 2012, , .		2
281	Kaon-nuclei interaction studies at low energies (the AMADEUS project). EPJ Web of Conferences, 2012, 37, 07002.	0.1	0
282	Kaonic 3He and 4He measurements in the SIDDHARTA experiment at the DAΦNE collider. EPJ Web of Conferences, 2012, 37, 02002.	0.1	0
283	Studies of the \bar{K}^0 -N interaction at DAΦNE. Hyperfine Interactions, 2012, 210, 107-110.	0.2	1
284	Results from the kaonic hydrogen X-ray measurement at DAFNE and outlook to future experiments. Hyperfine Interactions, 2012, 209, 121-126.	0.2	3
285	Kaonic 3He and 4He X-ray measurements in SIDDHARTA. Hyperfine Interactions, 2012, 209, 139-143.	0.2	1
286	Synthesis of antihydrogen atoms in a CUSP trap. Hyperfine Interactions, 2012, 209, 35-41.	0.2	3
287	Creativity-innovation - the seed for frontier science. Hyperfine Interactions, 2012, 211, 57-58.	0.2	0
288	Kaonic hydrogen X-ray measurement in SIDDHARTA. Nuclear Physics A, 2012, 881, 88-97.	0.6	116

#	ARTICLE	IF	CITATIONS
289	Microwave spectroscopy measurements of the hyperfine structure in antiprotonic ^3He . , 2012, , 167-177.		0
290	Synthesis of antihydrogen atoms in a CUSP trap. , 2012, , 35-41.		0
291	Kaonic ^3He and ^4He X-ray measurements in SIDDHARTA. , 2012, , 139-143.		0
292	Performance Evaluation of Silicon Drift Detectors for a Precision X-ray Spectroscopy of Kaonic Helium-3. Journal of Physics: Conference Series, 2011, 312, 052009.	0.3	0
293	Two-photon laser spectroscopy of antiprotonic helium and the antiproton-to-electron mass ratio. Nature, 2011, 475, 484-488.	13.7	313
294	A high sensitivity test of the Pauli Exclusion Principle for electrons. , 2011, , .		3
295	Precision spectroscopy of light kaonic atom X-rays in the SIDDHARTA experiment. , 2011, , .		0
296	Precision spectroscopy of kaonic [³ He X-rays at J-PARC. , 2011, , .		1
297	Testing the Pauli Exclusion Principle for electrons. Journal of Physics: Conference Series, 2011, 335, 012060.	0.3	2
298	Measurement of the ground-state hyperfine splitting of antihydrogen. Journal of Physics: Conference Series, 2011, 335, 012059.	0.3	1
299	Experimental tests of quantum mechanics “ Pauli exclusion principle violation (the VIP experiment) and future perspective. Journal of Physics: Conference Series, 2011, 306, 012036.	0.3	9
300	Precision Spectroscopy of Kaonic Helium-3 X-rays at J-PARC. Journal of Physics: Conference Series, 2011, 312, 022020.	0.3	0
301	Kaonic helium X-ray measurement in the SIDDHARTA experiment. Journal of Physics: Conference Series, 2011, 312, 022021.	0.3	0
302	Liquid helium-free cryostat and hermetically sealed cryogenic microwave cavity for hyperfine spectroscopy of antiprotonic helium. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 659, 55-60.	0.7	3
303	Experimental tests of quantum mechanics: Pauli Exclusion Principle Violation (the VIP experiment) and future perspectives. Physics Procedia, 2011, 17, 40-48.	1.2	8
304	A new measurement of kaonic hydrogen X-rays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 113-117.	1.5	314
305	New Experimental Limit on the Pauli Exclusion Principle Violation by Electrons“The VIP Experiment. Foundations of Physics, 2011, 41, 282-287.	0.6	10
306	Spectroscopy of the hyperfine structure of antiprotonic ^4He and ^3He . Hyperfine Interactions, 2011, 199, 337-346.	0.2	1

#	ARTICLE	IF	CITATIONS
307	Low-Energy Kaon-Nucleon/Nuclei Interaction Studies at DAΦNE (SIDDHARTA and AMADEUS Experiments). Few-Body Systems, 2011, 50, 447-449.	0.7	4
308	Performance of silicon-drift detectors in kaonic atom X-ray measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 264-267.	0.7	27
309	First measurement of kaonic helium-3 X-rays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 199-202.	1.5	65
310	First observation of two hyperfine transitions in antiprotonic ³ He. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 1-6.	1.5	10
311	Experimental studies on kaonic atoms at DAΦNE. , 2011, , .		0
312	Spectroscopic study of ¹⁴ O via the in-flight (K ⁺ ,n) reaction on deuteron. , 2011, , .		1
313	X-RAY SPECTROSCOPY OF KAONIC ATOMS AT DAΦNE. International Journal of Modern Physics A, 2011, 26, 432-437.	0.5	0
314	STATUS AND PLANS OF EXPERIMENT E17 AT J-PARC. International Journal of Modern Physics A, 2011, 26, 604-606.	0.5	1
315	EXPERIMENTAL TESTS OF QUANTUM MECHANICS PAULI EXCLUSION PRINCIPLE VIOLATION (THE VIP) Tj ETQq1 1 0.784314 rgBT /Over 145-154.	0.6	10
316	THE SEARCH FOR DEEPLY BOUND KAONIC NUCLEAR STATES AT J-PARC. International Journal of Modern Physics A, 2011, 26, 561-563.	0.5	3
317	Studies of antikaon interactions with nucleons at DAΦNE. , 2011, , .		1
318	Precision Spectroscopy of Kaonic Helium-3 X-rays at J-PARC. , 2011, , .		0
319	Spectroscopy of the hyperfine structure of antiprotonic ⁴ He and ³ He. , 2011, , 337-346.		1
320	Double antikaonic nuclear clusters in antiproton- ³ He annihilation at J-PARC. , 2011, , 271-281.		0
321	Studies of the $\bar{K}N$ interaction at DAΦNE. , 2011, , 257-260.		0
322	The VIP Experimental Limit on the Pauli Exclusion Principle Violation by Electrons. Foundations of Physics, 2010, 40, 765-775.	0.6	9
323	Kaonic atoms studies at DAFNE by the SIDDHARTA experiment. Nuclear Physics A, 2010, 835, 27-34.	0.6	5
324	The AMADEUS experiment - precision measurements of low-energy antikaon nucleus/nucleon interactions. Nuclear Physics A, 2010, 835, 410-413.	0.6	6

#	ARTICLE	IF	CITATIONS
325	Measurement of strange tribaryons in the $K^+ \Lambda^0 p$ system. EPJ Web of Conferences, 2010, 3, 03017.	1.5	11
326	Precision Spectroscopy of Kaonic Helium-3 Atoms X-rays at J-PARC. EPJ Web of Conferences, 2010, 3, 03017.	0.1	1
327	Precision Spectroscopy of Kaonic Atoms at DAΦNE. EPJ Web of Conferences, 2010, 3, 03023.	0.1	2
328	Low energy kaon nuclei interaction studies at DAΦNE. EPJ Web of Conferences, 2010, 3, 03021.	0.1	0
329	A search for deeply-bound kaonic nuclear states at J-PARC. EPJ Web of Conferences, 2010, 3, 07015.	0.1	0
330	Search for $\bar{\Lambda}^0$ -Meson Nuclear Bound States in the $\bar{K}^+ p \rightarrow \Lambda^0 p$ Reaction. Progress of Theoretical Physics Supplement, 2010, 186, 337-342.	0.2	4
331	Measurement of the $K^+ \Lambda^0 p$ system. EPJ Web of Conferences, 2010, 3, 03017.	1.1	6
332	New experimental limit on the Pauli Exclusion Principle violation by electrons at the VIP experiment. AIP Conference Proceedings, 2010, , .	0.3	1
333	A search for deeply bound kaonic nuclear states at J-PARC. , 2010, , .		0
334	Precision spectroscopy of Kaonic helium-3 and helium-4 ^3He X-rays. , 2010, , .		0
335	Precision spectroscopy of light kaonic atom X-rays in the SIDDHARTA experiment. , 2010, , .		0
336	Development of a GEM-TPC prototype. , 2010, , .		0
337	Measurement of the In-Medium $K^+ \Lambda^0 p$ system. EPJ Web of Conferences, 2010, 3, 03017.	2.9	38
338	SEARCH FOR STRANGE TRIBARYON STATES IN THE $^4\text{He}(\text{STOPPED } K^+, p)$ REACTION. International Journal of Modern Physics A, 2009, 24, 442-445.	0.5	1
339	KAONIC ATOMS AT DAΦNE THE SIDDHARTA EXPERIMENT. International Journal of Modern Physics A, 2009, 24, 190-197.	0.5	3
340	VIP EXPERIMENT: NEW EXPERIMENTAL LIMIT ON PAULI EXCLUSION PRINCIPLE VIOLATION BY ELECTRONS. International Journal of Modern Physics A, 2009, 24, 506-510.	0.5	1
341	Multipurpose Navigation System-Based Concept for Surgical Template Production. Journal of Oral and Maxillofacial Surgery, 2009, 67, 1113-1120.	0.5	10
342	Experimental Low-Energy Antiproton Physics. Few-Body Systems, 2009, 45, 165-167.	0.7	1

#	ARTICLE	IF	CITATIONS
343	Planned measurement of the ground-state hyperfine splitting of antihydrogen. Hyperfine Interactions, 2009, 193, 305-311.	0.2	24
344	Determination of the antiproton-to-electron mass ratio by laser spectroscopy of \overline{p}^{He} . Hyperfine Interactions, 2009, 194, 1-6.	0.2	1
345	Kaonic atoms measurements at the DAΦNE accelerator. Hyperfine Interactions, 2009, 193, 11-17.	0.2	0
346	Double-strangeness production with antiprotons. Hyperfine Interactions, 2009, 194, 249-254.	0.2	12
347	Search for kaonic nuclear state, $K^{\sim}pp$, in the $p^+p^+\hat{p}^+X^+K^+$ reaction with FOPI. Hyperfine Interactions, 2009, 193, 189-194.	0.2	1
348	Search for the Kaonic Nuclear State, , in the exclusive channel. Nuclear Physics A, 2009, 827, 312c-314c.	0.6	15
349	Antiproton magnetic moment determined from the HFS of \overline{p}^{He} . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 55-59.	1.5	43
350	Kaonic helium-4 X-ray measurement in SIDDHARTA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 310-314.	1.5	87
351	New X-Ray Detectors for Exotic Atom Research. IEEE Transactions on Nuclear Science, 2009, 56, 1400-1404.	1.2	5
352	The VIP experiment. Journal of Physics: Conference Series, 2009, 174, 012065.	0.3	0
353	New experimental limit on the Pauli exclusion principle violation by electrons (the VIP experiment). Journal of Physics: Conference Series, 2009, 171, 012031.	0.3	0
354	Kaonic atoms measurements at the DAΦNE accelerator. , 2009, , 11-17.		0
355	Search for kaonic nuclear state, $K^{\sim}pp$, in the $p^+p^+\hat{p}^+X^+K^+$ reaction with FORb , 2009		
356	Determination of the antiproton-to-electron mass ratio by laser spectroscopy of \overline{p}^{He} . , 2009, , 349-354.		0
357	New precision measurements of the strong interaction in kaonic hydrogen. Few-Body Systems, 2008, 44, 79-82.	0.7	0
358			

#	ARTICLE	IF	CITATIONS
361	YN CORRELATIONS FROM THE STOPPED K^{\wedge} REACTION ON ^4He . Modern Physics Letters A, 2008, 23, 2520-2523.	0.5	32
362	Collisional Effects on the Antiprotonic Helium Hyperfine Structure Measurement. AIP Conference Proceedings, 2008, , .	0.3	1
363	Improved study of the antiprotonic helium hyperfine structure. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 081008.	0.6	27
364	VIP: AN EXPERIMENT TO SEARCH FOR A VIOLATION OF THE PAULI EXCLUSION PRINCIPLE. International Journal of Modern Physics A, 2007, 22, 242-248.	0.5	6
365	Experimental Search for a Violation of the Pauli Exclusion Principle for Electrons: the VIP experiment. AIP Conference Proceedings, 2007, , .	0.3	0
366	Kaonic hydrogen X-rays $\hat{\epsilon}$ experiments at DAFNE. Canadian Journal of Physics, 2007, 85, 479-485.	0.4	2
367	$\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ correlations from the } \langle \text{mml:mrow} \langle \text{mml:mo} \hat{\wedge} \langle \text{mml:mo} \langle \text{mml:mi} d \langle \text{mml:mi} \langle \text{mml:mrow} \langle \text{mml:math} \text{ correlations from the } \langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ display}=\text{"inline"} \langle \text{mml:mmultiscripts} \langle \text{mml:mi mathvariant}=\text{"normal"} \text{ He} \langle \text{mml:mi} \langle \text{mml:mprescripts} / \rangle \langle \text{mml:none}$		

#	ARTICLE	IF	CITATIONS
379	Search for a kaonic nuclear state via $4\text{He}(K^{\bar{0}}, N)$ reaction at rest. , 2007, , 195-200.		0
380	Experimental search of strange tribaryons in the $4\text{He}(K^{\bar{0}}, n)$ reaction. , 2007, , 201-205.		0
381	Determination of the Antiproton-to-Electron Mass Ratio by Precision Laser Spectroscopy of $p\bar{A}\text{He}^+$. Physical Review Letters, 2006, 96, 243401.	2.9	138
382	Antiproton \bar{p} Ion Collider for FAIR Project. AIP Conference Proceedings, 2006, , .	0.3	1
383	The VIP Experiment. AIP Conference Proceedings, 2006, , .	0.3	1
384	Low temperature behaviour of collisions between antiprotonic helium and hydrogenic molecules and an indication of the Wigner threshold law. Chemical Physics Letters, 2006, 427, 246-250.	1.2	3
385	New experimental limit on the Pauli exclusion principle violation by electrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 641, 18-22.	1.5	55
386	Proposed measurement of the ground-state hyperfine structure of antihydrogen. Hyperfine Interactions, 2006, 172, 107-110.	0.2	2
387	The Antiproton-Ion-Collider at FAIR. AIP Conference Proceedings, 2006, , .	0.3	6
388	Precise measurement of kaonic helium $3d \bar{p} 2p$ x-rays. AIP Conference Proceedings, 2006, , .	0.3	0
389	A search for deeply bound kaonic nuclear states. Nuclear Physics A, 2005, 754, 375-382.	0.6	48
390	Testing CPT with antiprotonic helium and antihydrogen \bar{p} the ASACUSA experiment at CERN-AD. Nuclear Physics A, 2005, 752, 87-96.	0.6	5
391	In vitro accuracy of a novel registration and targeting technique for image-guided template production. Clinical Oral Implants Research, 2005, 16, 502-508.	1.9	38
392	Measurement of the ground-state hyperfine structure of antihydrogen. AIP Conference Proceedings, 2005, , .	0.3	0
393	The Antiproton-Ion-Collider at FAIR. AIP Conference Proceedings, 2005, , .	0.3	7
394	FLAIR, a Facility for Low-energy Antiproton and Ion Research. AIP Conference Proceedings, 2005, , .	0.3	2
395	Plans for a Next-Generation Low-Energy Antiproton Facility. Physica Scripta, 2005, 72, C51-C56.	1.2	15
396	Observation of Cold, Long-Lived Antiprotonic Helium Ions. Physical Review Letters, 2005, 94, 063401.	2.9	40

#	ARTICLE	IF	CITATIONS
397	STRANGE MULTI-BARYON AND KAONIC ATOMS. , 2005, , .		0
398	Systematic study of the decay rates of antiprotonic helium states. Physical Review A, 2004, 70, .	1.0	15
399	Populations and lifetimes in the $n=2$ and $n=3$ metastable cascades of $p\text{-}^4\text{He}^+$ measured by pulsed and continuous antiproton beams. Physical Review A, 2004, 70, .	1.0	35
400	Strong interaction and E2 effect in even-A antiprotonic Te atoms. Physical Review C, 2004, 69, .	1.1	9
401	Study of the hyperfine structure of antiprotonic helium. Nuclear Instruments & Methods in Physics Research B, 2004, 214, 89-93.	0.6	8
402	Measurement of the hyperfine structure of antihydrogen. Nuclear Instruments & Methods in Physics Research B, 2004, 214, 31-34.	0.6	19
403	Effects of impurity molecules on the lifetime of antiprotonic helium atoms. Nuclear Instruments & Methods in Physics Research B, 2004, 214, 98-102.	0.6	1
404	Cryogenic tunable microwave cavity at 13GHz for hyperfine spectroscopy of antiprotonic helium. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 533, 598-611.	0.7	11
405			

#	ARTICLE	IF	CITATIONS
415	Anomalies in the decay rates of antiprotonic helium-atom states. Physical Review A, 2002, 66, .	1.0	28
416	Primary Populations of Metastable Antiprotonic ^4He and ^3He Atoms. Physical Review Letters, 2002, 89, 093401.	2.9	48
417	Antiprotonic helium. Physics Reports, 2002, 366, 183-329.	10.3	165
418	Quenching of metastable antiprotonic helium atoms in collisions with deuterium molecules. European Physical Journal D, 2002, 18, 261-266.	0.6	6
419	Title is missing!. European Physical Journal D, 2002, 18, 261-266.	0.6	8
420	Collisional quenching of metastable states of antiprotonic helium by hydrogen and deuterium molecules. European Physical Journal D, 2001, 13, 305-316.	0.6	5
421	Information on antiprotonic atoms and the nuclear periphery from the PS209 experiment. Nuclear Physics A, 2001, 692, 176-181.	0.6	37
422	High-Precision Spectroscopy of Antiprotonic Helium α^{ϵ} First Results from the AD of CERN. Hyperfine Interactions, 2001, 138, 121-129.	0.2	1
423	Nucleon density in the nuclear periphery determined with antiprotonic x rays: Calcium isotopes. Physical Review C, 2001, 65, .	1.1	10
424	Sub-ppm Laser Spectroscopy of Antiprotonic Helium and a CPT-Violation Limit on the Antiprotonic Charge and Mass. Physical Review Letters, 2001, 87, 093401.	2.9	111
425	Hyperfine Structure Measurements of Antiprotonic Helium and Antihydrogen. Lecture Notes in Physics, 2001, , 528-542.	0.3	12
426	Laser spectroscopy of antiprotonic helium and stringent constraint on the antiproton charge and mass. Nuclear Physics A, 2000, 663-664, 955c-958c.	0.6	1
427	Laser measurements of the density shifts of resonance lines in antiprotonic helium atoms and stringent constraint on the antiproton charge and mass. Physical Review A, 1999, 59, 223-229.	1.0	74
428	Composition of the nuclear periphery from antiproton absorption using short-lived residual nuclei. Physical Review C, 1999, 60, .	1.1	32
429	Antiprotonic atoms as a tool to study the nuclear periphery. Nuclear Physics A, 1999, 655, c289-c294.	0.6	0
430	Antiprotonic atom formation and spectroscopy-ASACUSA experiment at CERN-AD. Nuclear Physics A, 1999, 655, c353-c362.	0.6	0
431	Disentangling the K-complex of kaonic hydrogen with DEAR. , 1999, 118, 53-57.		0
432	Measurement of the hyperfine structure of antiprotonic helium. , 1999, 119, 195-200.		8

#	ARTICLE	IF	CITATIONS
433	Title is missing!, 1999, 118, 67-72.		3
434	Quenching of metastable states of antiprotonic helium atoms by collisions with H ₂ molecules. Journal of Chemical Physics, 1998, 109, 424-431.	1.2	17
435	Laser spectroscopic studies of state-dependent collisional quenching of the lifetimes of metastable antiprotonic helium atoms. Physical Review A, 1998, 57, 1698-1712.	1.0	42
436	Laser spectroscopy of metastable states in the $n=2$ cascade of antiprotonic ³ He. Physical Review A, 1998, 58, 3604-3610.	1.0	6
437	Nucleon density of ¹⁷² Yb and ¹⁷⁶ Yb at the nuclear periphery determined with antiprotonic x rays. Physical Review C, 1998, 58, 3195-3204.	1.1	21
438	Influence of oxygen admixtures on the lifetime of metastable antiprotonic helium atoms. Physical Review A, 1998, 58, 4406-4415.	1.0	6
439	Observation of double-resonant laser-induced transitions in the $v=n-l-1=2$ metastable cascade of antiprotonic He atoms. Physical Review A, 1997, 55, R1-R4.	1.0	34
440	High-precision structural studies of the antiprotonic helium atom $p\text{-} \text{Am}4\text{He}^+$ by observing laser resonances with $l''v=l''(n-l-1)=2$. Physical Review A, 1997, 55, R3295-R3298.	1.0	34
441	Hydrogen-Assisted Laser-Induced Resonant Transitions between Metastable States of Antiprotonic Helium Atoms. Physical Review Letters, 1997, 78, 1671-1674.	2.9	35
442	Interaction of antiprotonic helium atoms with H ₂ molecules. Nuclear Physics, Section B, Proceedings Supplements, 1997, 56, 78-83.	0.5	3
443	Hyperfine structure of metastable antiprotonic helium atomcules. Nuclear Physics, Section B, Proceedings Supplements, 1997, 56, 95-100.	0.5	0
444	Antiprotonic investigation of the nuclear periphery. Nuclear Physics, Section B, Proceedings Supplements, 1997, 56, 108-113.	0.5	8
445	Antihydrogen production and precision experiments. Nuclear Physics, Section B, Proceedings Supplements, 1997, 56, 336-348.	0.5	23
446	Antihydrogen production and precision experiments. The ATHENA collaboration. , 1997, 109, 1-32.		12
447	Hyperfine structure of the metastable $p\bar{l},\text{He}^+$ atomcule revealed by a laser-induced $(n, l) = (37, 35) \rightarrow (38, 34)$ transition. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 404, 15-19.	1.5	45
448	High-precision spectroscopy of antiprotonic helium atomcules. Nuclear Physics A, 1997, 626, 177-184.	0.6	1
449	Instrumentation for laser-induced annihilation spectroscopy of metastable antiprotonic helium atoms. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 396, 257-271.	0.7	20
450	Laser resonance studies of the interactions of metastable antiprotonic helium atomcules $p4\text{He}^+$ with surrounding H ₂ molecules. Chemical Physics Letters, 1997, 265, 137-144.	1.2	23

#	ARTICLE	IF	CITATIONS
451	Analog measurement of delayed antiproton annihilation time spectra in a high intensity pulsed antiproton beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 373, 411-414.	0.7	16
452	Isotope effects on delayed annihilation time spectra of antiprotonic helium atoms in a low-temperature gas. Physical Review A, 1996, 53, 2108-2117.	1.0	26
453	Effects of impurity atoms and molecules on the lifetime of antiprotonic helium atoms. Physical Review A, 1996, 53, 3129-3139.	1.0	39
454	Laser-induced resonant transitions in the $n=1$ and $n=2$ metastable cascades of antiprotonic He atoms. Physical Review A, 1996, 53, R1931-R1934.	1.0	34
455	Kaonic hydrogen X-ray experiment at KEK. Nuclear Physics A, 1995, 585, 239-246.	0.6	5
456	Laser-induced resonant transition at 470.724 nm in the $n=1$ cascade of metastable antiprotonic helium atoms. Physical Review A, 1995, 52, 4266-4269.	1.0	53
457	Phase and density dependence of the delayed annihilation of metastable antiprotonic helium atoms in gas, liquid, and solid helium. Physical Review A, 1995, 51, 2870-2880.	1.0	55
458	Laser Studies of the Decay Chain of Metastable Antiprotonic Helium Atoms. Physical Review Letters, 1994, 73, 3181-3181.	2.9	33
459	Laser Studies of the Decay Chain of Metastable Antiprotonic Helium Atoms. Physical Review Letters, 1994, 73, 1485-1488.	2.9	61
460	Delayed annihilation of antiprotons in helium gas. Physical Review A, 1994, 49, 4457-4465.	1.0	45
461	First observation of laser-induced resonant annihilation in metastable antiprotonic helium atoms. Physical Review Letters, 1994, 72, 1180-1183.	2.9	138
462	Long-lived antiprotonic atom in liquid and solid helium. Physica B: Condensed Matter, 1994, 194-196, 557-558.	1.3	0
463	Antiproton trapping in various helium media: report of the HELIUMTRAP experiment at LEAR. Nuclear Physics A, 1993, 558, 679-688.	0.6	9
464	Formation of long-lived gas-phase antiprotonic helium atoms and quenching by H ₂ . Nature, 1993, 361, 238-240.	13.7	169
465	A naturally occurring trap for antiprotons. Hyperfine Interactions, 1993, 81, 227-237.	0.2	1
466	Possible formation of antihydrogen atoms from metastable antiprotonic helium atoms and positrons/positroniums. Hyperfine Interactions, 1993, 76, 163-173.	0.2	9
467	Low-temperature $^1\text{H} + \text{e}^-$ channelling in gold and ^56Fe -iron channelling in gold and ^56Fe -iron. Hyperfine Interactions, 1991, 64, 701-709.	0.2	3
468	Limits for two-photon $\text{e}^+ + \text{e}^-$ decay widths of positron-electron scattering resonances for $\theta = 1.78$ to 1.92 MeV. Zeitschrift für Physik A, 1991, 340, 209-218.	0.9	13

#	ARTICLE	IF	CITATIONS
469	Discovery of antiproton trapping by long-lived metastable states in liquid helium. Physical Review Letters, 1991, 67, 1246-1249.	2.9	220
470	The Stuttgart positron beam, its performance and recent experiments. Nuclear Instruments & Methods in Physics Research B, 1990, 50, 300-306.	0.6	22
471	Evidence for a resonance in positron-electron scattering at 810 keV centre-of-mass Energy. Zeitschrift für Physik A, Atomic Nuclei, 1988, 330, 173-181.	0.3	4
472	Recent studies on e^+He^+ channelling. Nuclear Instruments & Methods in Physics Research B, 1988, 33, 49-52.	0.6	7
473	Experimental limits for narrow lines in the excitation function of positron-electron scattering around $E^*=620$ keV and $E^*=810$ keV. Zeitschrift für Physik A, Atomic Nuclei, 1987, 326, 527-529.	0.3	9
474	Progress in pion-decay channelling: Refractory bcc metals at high and low temperatures. Hyperfine Interactions, 1986, 31, 229-234.	0.2	5
475	Positron Manipulation and Positronium Laser Excitation in AEGIS. Defect and Diffusion Forum, 0, 373, 11-16.	0.4	0
476	FLAIR, a Facility for Low-energy Antiproton and Ion Research. , 0, , .		1