

# Alessandra Filippi

## List of Publications by Year in descending order

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276  
papers

7,022  
citations

76326

40  
h-index

85541

71  
g-index

279  
all docs

279  
docs citations

279  
times ranked

7189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonances in $e^+e^- \rightarrow \mu^+\mu^-$ annihilation near 2.2 GeV. Physical Review D, 2020, 101, .	4.1	18
2	Exploring the Structure of the Bound Proton with Deeply Virtual Compton Scattering. Physical Review Letters, 2019, 123, 032502.	7.8	15
3	Extraction of Form Factors from a Four-Dimensional Angular Analysis of $\Lambda \rightarrow \pi^0 \ell^+ \ell^-$ . Physical Review Letters, 2019, 123, 091801.	7.8	24
4	Measurement of nuclear transparency ratios for protons and neutrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134792.	4.1	15
5	Searches for lepton number violating $K^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134794.	4.1	26
6	First results on nucleon resonance photocouplings from the $\Lambda^0 \rightarrow \Lambda^+ \pi^- p$ reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 371-379.	4.1	20
7	Measurement of the beam spin asymmetry of $\Lambda \rightarrow \pi^0 \ell^+ \ell^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 426-431.	4.1	5
8	Search for production of an invisible dark photon in $\Upsilon$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	40
9	Direct Observation of Proton-Neutron Short-Range Correlation Dominance in Heavy Nuclei. Physical Review Letters, 2019, 122, 172502.	7.8	80
10	First search for $K^0_S \rightarrow \pi^0 \ell^+ \ell^-$ . Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 791, 156-166.	4.1	48
11	Observation of the Decay $P_c^+ \rightarrow \Lambda^0 p$ , and $P_c^0 \rightarrow \Lambda^0 n$ . Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 791, 156-166.	7.8	7
12	Observation of the Decay $\Lambda_c^+ \rightarrow \Lambda^0 p$ . Physical Review Letters, 2019, 122, 081802.	7.8	7
13	Precision resonance energy scans with the PANDA experiment at FAIR. European Physical Journal A, 2019, 55, 1.	2.5	27
14	Search for a Stable Six-Quark State at BABAR. Physical Review Letters, 2019, 122, 072002.	7.8	10
15	Modified structure of protons and neutrons in correlated pairs. Nature, 2019, 566, 354-358.	27.8	105
16	Search for $B^0 \rightarrow \rho^+ \rho^-$ with the BaBar experiment. Physical Review D, 2019, 100, .	4.7	6
17	Technical design report for the $\overline{\text{ANDA}}$ Barrel DIRC detector. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 045001.	3.6	28
18	Measurement of the Dependence of the Deuteron Spin Structure Function $g_T$ and its Moments at Low $Q^2$ . Physical Review Letters, 2019, 122, 081802.	7.8	16

#	ARTICLE	IF	CITATIONS
19	<p>Study of the reactions <math display="inline">\frac{d}{dt} \left( \frac{1}{r^2} \frac{dr}{dt} \right) = -\frac{1}{r^2} \frac{d^2 r}{dt^2}</math></p> <p>Measurement of <math>\cos^2 \theta</math></p> <p>in <math>\cos^2 \theta &lt; \frac{1}{2}</math></p>	4.7	16
20	<p><math display="inline">B^0 \rightarrow D^0 \pi^0</math></p>		

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37	Measurement of the beam asymmetry $\hat{\Sigma}$ and the target asymmetry $T$ in the photoproduction of $\eta'$ mesons off the proton using CLAS at Jefferson Laboratory. <i>Physical Review C</i> , 2018, 97, .	2.9	7
38	First measurement of $\hat{\Sigma}$ polarization in photoproduction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 783, 280-286.	4.1	2
39	Search for heavy neutral lepton production in $K^+$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 778, 137-145.	4.1	49
40	Differential cross section for $\hat{\Sigma}$ using CLAS at Jefferson Lab. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 782, 646-651.	4.1	3
41	Exclusive photoproduction of $\eta'$ mesons up to large values of Mandelstam variables $s$ and $t$ . <i>Physical Review Letters</i> , 2017, 118, 031802.	7.8	35
42	The HPS electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 854, 89-99.	1.6	8
43	Beam-target double-spin asymmetry in quasielastic electron scattering off the deuteron with CLAS. <i>Physical Review C</i> , 2017, 95, .	2.9	5
44	Differential cross sections and polarization observables from CLAS $\eta'$ photoproduction and the search for new $N^*$ states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 771, 142-150.	4.1	14
45	Target and double spin asymmetries of deeply virtual $\eta'$ production with a longitudinally polarized proton target and CLAS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 768, 168-173.	4.1	14
46	Search for $\eta'$ at the $\bar{B}B$ Experiment. <i>Physical Review Letters</i> , 2017, 118, 031802.	7.8	35
47	Search for Invisible Decays of a Dark Photon Produced in $\bar{B}B$ Collisions at the $\bar{B}B$ Experiment. <i>Physical Review Letters</i> , 2017, 119, 131804.	7.8	272
48	Target and beam-target spin asymmetries in exclusive pion electroproduction for $\eta'$ . <i>Physical Review C</i> , 2017, 95, .	2.9	4
49	Differential cross section measurements for $\hat{\Sigma}$ above the first nucleon resonance region. <i>Physical Review C</i> , 2017, 96, .	2.9	19
50	Measurements of $\hat{\Sigma}$ cross sections with CLAS at $Q^2 = 1.40$ . <i>Physical Review C</i> , 2017, 96, .	2.9	29
51	Beam-Target Helicity Asymmetry for $\hat{\Sigma}$ in the $N^*$ Resonance Region. <i>Physical Review Letters</i> , 2017, 118, 242002.	7.8	26
52	Photon beam asymmetry $\hat{\Sigma}$ for $\hat{\Sigma}$ and $\hat{\Sigma}^2$ photoproduction from the proton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 771, 213-221.	4.1	32
53	Exclusive $\hat{\Sigma}$ electroproduction at $Q^2 = 1.40$ . <i>Physical Review C</i> , 2017, 95, .	2.9	16
54	Feasibility study for the measurement of $\hat{\Sigma}$ transition distribution amplitudes at $Q^2 = 1.40$ . <i>Physical Review C</i> , 2017, 95, .	4.7	21

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55	First Exclusive Measurement of Deeply Virtual Compton Scattering off $^4\text{He}$ . Physical Review D, 2017, 95, .	7.8	30
56	Cross sections for the reactions $eK \rightarrow e\pi^+K^0$ and $eK \rightarrow e\pi^0K^+$ . Physical Review D, 2017, 95, .	4.7	16
57	Measurement of the differential and total cross sections of the $e^+e^- \rightarrow \pi^+\pi^-e^+e^-$ reaction within the resonance region. Physical Review C, 2017, 96, .	4.7	9
58	Measurement of the differential and total cross sections of the $e^+e^- \rightarrow \pi^+\pi^-e^+e^-$ reaction within the resonance region. Physical Review C, 2017, 96, .	4.7	9
59	Meson decays and determination of $B \rightarrow V u \bar{c} b$ cross section using initial-state radiation at BABAR. Physical Review D, 2017, 95, .	4.7	15
60	Measurement of the $e^+e^- \rightarrow \pi^+\pi^0 e^+e^-$ cross section using initial-state radiation at BABAR. Physical Review D, 2017, 96, .	4.7	18
61	Measurement of the $D^*(2010)^+ D^+$ Mass Difference. Photon beam asymmetry $\Sigma$ in the reaction $e^+e^- \rightarrow \pi^+\pi^-e^+e^-$ . Physical Review Letters, 2017, 119, 202003.	7.8	2
62	Measurement of the helicity asymmetry $E$ in photoproduction. Physical Review C, 2017, 96, .	4.1	11
63	Target and beam-target spin asymmetries in exclusive pion electroproduction for $Q^2 > 1 \text{ GeV}^2$ . I. $e^+e^- \rightarrow \pi^+ n$ . Physical Review C, 2017, 95, .	2.9	4
64	Measurement of two-photon exchange effect by comparing elastic $e^+e^- \rightarrow \pi^+\pi^-e^+e^-$ cross sections. Physical Review C, 2017, 95, .	4.1	11
65	Measurement of the helicity asymmetry $E$ in photoproduction. Physical Review C, 2017, 96, .	2.9	13
66	Determination of the proton spin structure functions for $0.05 < Q^2 < 5 \text{ GeV}^2$ using CLAS. Physical Review C, 2017, 96, .	2.9	30
67	Measurement of the $e^+e^- \rightarrow K^0 K^+ \pi^-$ and $K^0 K^+ \pi^0$ cross sections using initial-state radiation. Physical Review D, 2017, 95, .	4.7	8
68	Evidence for $C \rightarrow P$ violation in $e^+e^- \rightarrow \pi^+\pi^-e^+e^-$ . Physical Review D, 2017, 95, .	4.7	7
69	Measurement of target and double spin asymmetries for the $e^+e^- \rightarrow \pi^+\pi^-e^+e^-$ reaction in the nucleon resonance region at low $Q^2$ . Physical Review C, 2016, 94, .	2.9	6
70	First measurement of the helicity asymmetry $E$ in photoproduction on the proton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 64-69.	4.1	33
71	Study of doubly strange systems using stored antiprotons. Nuclear Physics A, 2016, 954, 323-340.	1.5	22
72	Tests of $C \rightarrow P$ symmetry in $e^+e^- \rightarrow \pi^+\pi^-e^+e^-$ . Physical Review D, 2016, 94, .	4.7	4

#	ARTICLE	IF	CITATIONS
73	Search for a muonic dark force at $BaBar$ . Physical Review D, 2016, 94, .	4.7	108
74	Photoproduction of $\Lambda$ and $\Sigma$ hyperons using linearly polarized photons. Physical Review C, 2016, 93, .	2.9	46
75	Photoproduction of the $\Lambda(1520)$ hyperon. Physical Review C, 2016, 93, .	4.7	26
76	Measurement of the $S$ -wave amplitude from Dalitz plot analyses of $K\bar{K}\pi$ in two-photon interactions. Physical Review D, 2016, 93, .	4.7	9
77	Search for mixing-induced $CP$ violation using partial reconstruction of $B \rightarrow K^* \pi$ decays. Physical Review D, 2016, 93, .	4.7	3
78	Time-dependent analysis of $B \rightarrow K^* \pi$ decays and studies of the $B \rightarrow K^* \pi$ decays. Physical Review D, 2016, 93, .	4.7	4
79	Measurement of angular asymmetries in the decays $B \rightarrow K^* \pi$ . Physical Review D, 2016, 93, .	4.7	29
80	Measurement of the neutral $D$ meson mixing parameters in a time-dependent amplitude analysis of the $D^0 \rightarrow \pi^+ \pi^-$ decay. Physical Review D, 2016, 93, .	4.7	9
81	Measurements of the Collins asymmetries for kaons and pions in $e^+e^-$ annihilations at $BaBar$ . EPJ Web of Conferences, 2016, 120, 08003.	0.3	0
82	Measurement of the $B \rightarrow D^* \pi$ branching fraction. Physical Review D, 2016, 94, .	4.7	6
83	Target and beam-target spin asymmetries in exclusive $e^+e^- \rightarrow \pi^+ \pi^- \pi^0$ and $e^+e^- \rightarrow \pi^+ \pi^- \eta$ electroproduction with 1.6- to 5.7-GeV electrons. Physical Review C, 2016, 94, .	2.9	5
84	Feasibility studies of time-like proton electromagnetic form factors at $PANDA$ at FAIR. European Physical Journal A, 2016, 52, 1.	2.5	31
85	Measurement of the $B \rightarrow K^* \pi$ emission rates in $B \rightarrow K^* \pi$ decays at rest on $B \rightarrow K^* \pi$ . Physical Review D, 2016, 93, .	2.9	11
86	Precise determination of the deuteron spin structure at low to moderate $Q^2$ using CLAS and extraction of the neutron contribution. Physical Review C, 2015, 92, .	4.7	20
87	Measurement of the $B \rightarrow K^* \pi$ decay branching fraction as a function of $Q^2$ . Physical Review D, 2015, 91, .	4.7	28
88	Search for a light Higgs resonance in radiative decays of the $\psi(1S)$ with a charm tag. Physical Review D, 2015, 91, .	4.7	8
89	Search for baryon-number and lepton-number violating decays of $\Lambda$ hyperons using the CLAS detector at Jefferson Laboratory. Physical Review D, 2015, 92, .	4.7	15
90	Study of the $B \rightarrow K^* \pi$ decays in the energy range from 2.6 to 8.0 GeV. Physical Review D, 2015, 92, .	4.7	13

#	ARTICLE	IF	CITATIONS
91	Measurement of initial-state $e^-$ final-state radiation interference in the processes $e^-e^+ \rightarrow e^-e^+ \gamma \gamma$ . Physical Review D, 2015, 91, . First Observation of $e^-e^+ \rightarrow e^-e^+ \gamma \gamma$ . Physical Review D, 2015, 91, .	4.7	18
92	Violation in $C$ and $P$ violation in $e^-e^+ \rightarrow e^-e^+ \gamma \gamma$ . Physical Review D, 2015, 91, .	7.8	14
93	Cross Sections for the Exclusive Photon Electroproduction on the Proton and Generalized Parton Distributions. Physical Review Letters, 2015, 115, 212003.	7.8	73
94	Determination of the beam-spin asymmetry of deuteron photodisintegration in the energy region $E^3 = 1.1$ to $2.3$ GeV. Physical Review C, 2015, 91, .	2.9	5
95	Observation of the baryonic decay $B^0 \rightarrow \bar{c} p \bar{K}^0$ . Physical Review D, 2015, 91, . Collins asymmetries in inclusive charged $K^0$ production. Physical Review D, 2015, 91, .	4.7	3
96	$K^0$ and $\bar{K}^0$ pairs produced in $e^-e^+ \rightarrow e^-e^+ \gamma \gamma$ . Physical Review D, 2015, 91, .	4.7	23
97	The Meson Spectroscopy Program at the Jefferson Laboratory. EPJ Web of Conferences, 2015, 96, 01013. First measurement of the polarization observable $E$ in the $e^-e^+ \rightarrow e^-e^+ \gamma \gamma$ process. Physical Review D, 2015, 91, .	0.3	2
98	$\hat{t}^2$ violation in $e^-e^+ \rightarrow e^-e^+ \gamma \gamma$ . Physical Review D, 2015, 91, .		

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109	Longitudinal Target-Spin Asymmetries for Deeply Virtual Compton Scattering. Physical Review Letters, 2015, 114, 032001.	7.8	40
110	Experimental access to Transition Distribution Amplitudes with the $Pi^0$ ,ANDA experiment at FAIR. European Physical Journal A, 2015, 51, 1.	2.5	29
111	The $\Upsilon(4040)$ at the future PANDA experiment. Journal of Physics: Conference Series, 2014, 503, 012007.	0.4	2
112	Search for new $\Upsilon$ -like particles produced in association with $a_1$ -lepton pair. Physical Review D, 2014, 90, .	4.7	2
113	<a href="#">Bottomonium spectroscopy and radiative transitions involving the</a> $\langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi} \Upsilon \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{b} \langle \text{mml:mi} \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{l} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mo}$		



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127	Study of the $P_{\pi^+}$ ANDA pixel detector performances in a beam test with pions of 10 GeV/c momentum. Journal of Instrumentation, 2014, 9, P11013-P11013.	1.2	0
128	Single-event upset tests on the readout electronics for the pixel detectors of the PANDA experiment. Journal of Instrumentation, 2014, 9, C01042-C01042.	1.2	1
129	Search of Kaonic Nuclear States at the SuperB factory. Few-Body Systems, 2013, 54, 1201-1203.	1.5	0
130	Technical design report for the $\overline{P}$ ANDA (AntiProton Annihilations at Darmstadt) Straw Tube Tracker. European Physical Journal A, 2013, 49, 1.	2.5	71
131	Beam test results of pixel triggered prototypes for the ANDA experiment. Journal of Instrumentation, 2014, 9, C01042-C01042.	1.5	6
132	Search for CP violation in $B \rightarrow \pi K$ decays. Physical Review D, 2013, 87, .	1.6	2
133	Search for CP violation in $B \rightarrow \pi K$ decays. Physical Review D, 2013, 87, .	1.6	2
134	Search for CP violation in $B \rightarrow \pi K$ decays. Physical Review D, 2013, 87, .	1.6	2
135	Search for CP violation in $B \rightarrow \pi K$ decays. Physical Review D, 2013, 87, .	1.6	2
136	Precision measurement of the $B \rightarrow \pi K$ branching fraction. Physical Review D, 2013, 87, .	4.7	74
137	Measurement of the $B \rightarrow \pi K$ branching fraction. Physical Review D, 2013, 87, .	4.7	74
138	Measurement of the $B \rightarrow \pi K$ branching fraction. Physical Review D, 2013, 87, .	4.7	74
139	Measurement of the $B \rightarrow \pi K$ branching fraction. Physical Review D, 2013, 87, .	4.7	74
140	Measurement of the $B \rightarrow \pi K$ branching fraction. Physical Review D, 2013, 87, .	4.7	74
141	Measurement of the $B \rightarrow \pi K$ branching fraction. Physical Review D, 2013, 87, .	4.7	74
142	Measurement of the $B \rightarrow \pi K$ branching fraction. Physical Review D, 2013, 87, .	4.7	74

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145	Evidence for Heavy Hyperhydrogen $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{H} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:mi} \rangle \hat{\text{b}} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 6 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:math} \rangle$ . Physical Review Letters, 2012, 108, 042501.	7.8	70
146	Search for the neutron-rich hypernucleus $\hat{\text{b}}^9\text{He}$ . Physical Review C, 2012, 86, .	2.9	6
147	The $pp \hat{\text{a}}^+ nK + \hat{\text{b}}^+ \text{ reaction at 2.95 GeV/c}$ . European Physical Journal A, 2012, 48, 1.	2.5	4
148	Neutron-rich hypernuclei: evidence for $\hat{\text{b}}^6\text{H}$ and search for $\hat{\text{b}}^9\text{He}$ . EPJ Web of Conferences, 2012, 37, 01023.	0.3	0
149	The $pK^0 \hat{\text{b}}^+ \text{ final state in proton-proton collisions}$ . European Physical Journal A, 2012, 48, 1.	2.5	12
150	Recent results on $K \hat{\text{a}}^+$ multinucleon absorption by FINUDA. Hyperfine Interactions, 2012, 210, 53-57.	0.5	0
151	Hypernuclear weak decay studies with FINUDA. Nuclear Physics A, 2012, 881, 322-338.	1.5	12
152	First observation of the hyper superheavy hydrogen. Nuclear Physics A, 2012, 881, 269-287.	1.5	40
153	Recent results on $K \hat{\text{a}}^+$ multinucleon absorption by FINUDA. , 2012, , 203-207.		0
154	Studies of $K \hat{\text{a}}^+$ absorption on light nuclei and the search for bound nuclear kaonic states. Journal of Physics: Conference Series, 2011, 312, 022002.	0.4	2
155	Study of the two $\hat{\text{a}}^+$ nucleon induced Non Mesonic Weak Decay with FINUDA. Journal of Physics: Conference Series, 2011, 312, 022010.	0.4	0
156	Triggerless Micro Vertex Detector with low material budget in the PANDA experiment. Journal of Physics: Conference Series, 2011, 312, 052006.	0.4	0
157	Neutron $\hat{\text{a}}^+$ proton coincidences from Non-Mesonic Weak Decay of p-shell $\hat{\text{b}}$ -hypernuclei and determination of the two-nucleon induced process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 219-225.	4.1	27
158	Hypernuclear spectroscopy with $\hat{\text{b}}$ hypernuclei. Nuclear Physics A, 2011, 871, 1-12.	4.1	19
159	Hypernuclear spectroscopy with $\hat{\text{b}}$ hypernuclei. Nuclear Physics A, 2011, 871, 1-12.	4.1	47
160	Systematic study of the $pp \rightarrow pp \omega$ reaction. European Physical Journal A, 2010, 44, 7-22.	2.5	11
161	Production of $\Lambda$ and $\Sigma^0_{\text{b}}$ hyperons in proton-proton collisions. European Physical Journal A, 2010, 46, 27-44.	2.5	41
162	Study of two-body non-mesonic decays of light hypernuclei with FINUDA. Nuclear Physics A, 2010, 835, 439-442.	1.5	7

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163	Proton spectra from Non-Mesonic Weak Decay of p-shell $\Lambda$ -hypernuclei and evidence for the two-nucleon induced process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 139-146.	4.1	36
164	Influence of $\Lambda$ -hypernuclei on hyperon production in the channel at 2.95, 3.20 and 3.30 GeV/c beam m. Physics Letters, Section B: Nuclear, Elementary Particle and High-Ene	4.1	36
165	Study of the reaction. Nuclear Physics A, 2010, 835, 398-401.	1.5	5
166	FINUDA hypernuclear spectroscopy. Nuclear Physics A, 2010, 835, 414-417.	1.5	3
167	NEW RESULTS ON NONMESONIC WEAK DECAY OF $\Lambda$ HYPERNUCLEI WITH FINUDA. International Journal of Modern Physics E, 2010, 19, 2573-2578.	1.0	1
168	RECENT RESULTS ON MESONIC WEAK DECAY OF $\Lambda$ -HYPERNUCLEI. International Journal of Modern Physics E, 2010, 19, 2566-2572.	1.0	1
169	THE SEARCH FOR ANTIKAON NUCLEAR BOUND STATES, RECENT RESULTS FROM FINUDA. International Journal of Modern Physics E, 2010, 19, 2600-2605.	1.0	1
170	Experimental issues on $K^+$ absorption by few nucleons and the search for Bound Kaonic Nuclear Systems. , 2010, . .		0
171	Recent results on the search of bound kaonic states in nuclei with FINUDA. Hyperfine Interactions, 2009, 193, 173-179.	0.5	0
172	Mesonic and Non-Mesonic Weak Decay of Hypernuclei with FINUDA. Nuclear Physics A, 2009, 827, 303c-305c.	1.5	5
173	New results on mesonic weak decay of p-shell $\Lambda$ -hypernuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 139-146.	4.1	44
174	Single-pion production in pp collisions at 0.95 GeV/c (II). European Physical Journal A, 2009, 39, 281-289.	2.5	4
175	On the production of $\pi^+\pi^-$ pairs in pp collisions at 0.8 GeV. European Physical Journal A, 2009, 42, 159.	2.5	19
176	Correlated $\Lambda$ pairs from the absorption of $\Lambda$ at rest in light nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 669, 229-234.	4.1	23
177	Experimental studies of $\Lambda$ -nuclear aggregates in induced interactions. Nuclear Physics A, 2008, 804, 207-218.	1.5	5
178	Measurement of the proton spectra from non-mesonic weak decay of $^5\Lambda\text{He}$ , $^7\Lambda\text{Li}$ and $^{12}\Lambda\text{C}$ . Nuclear Physics A, 2008, 804, 151-161.	1.5	31
179	Two-pion production in proton-proton collisions with a polarized beam. European Physical Journal A, 2008, 37, 267.	2.5	36
180	DANE monitored by FINUDA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 570, 205-215.	1.6	16

#	ARTICLE	IF	CITATIONS
181	Comparison of isoscalar vector meson production cross sections in proton-proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 647, 351-357. Experimental study of the $\Lambda(1520)$ production in the channel $\Lambda p \rightarrow \Lambda(1520) p$ . xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd"	4.1	17
182	Search for $\Lambda(1520)$ production in the channel $\Lambda p \rightarrow \Lambda(1520) p$ . xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" overflow="scroll"	4.1	3
183	Search for $\Lambda(1520)$ production in the channel $\Lambda p \rightarrow \Lambda(1520) p$ . xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd"	4.1	49
184	The $A(K^- \text{ stop}, d)A'$ reaction, a tool to observe $[\Lambda^3\text{NNN}]$ clusters. European Physical Journal A, 2007, 33, 283-286.	2.5	7
185	Study of the proton weak decay of $^{12}\text{C}$ with FINUDA. European Physical Journal A, 2007, 33, 251-254.	2.5	5
186	A study of the proton spectra following the capture of $^6\text{Li}$ and $^{12}\text{C}$ with FINUDA. Nuclear Physics A, 2006, 775, 35-50. Hyperon production in the channel $\Lambda p \rightarrow \Lambda(1520) p$	1.5	56
187	Search for $\Lambda(1520)$ production in the channel $\Lambda p \rightarrow \Lambda(1520) p$ . xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd"	4.1	56
188	Search for $\Lambda(1520)$ production in the channel $\Lambda p \rightarrow \Lambda(1520) p$ . xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x"	4.1	32
189	Single-pion production in pp collisions at 0.95 GeV/c (l). European Physical Journal A, 2006, 30, 443-453.	2.5	22
190	Search for the pentaquark in antiproton $^4\text{He}$ annihilation at rest. Nuclear Physics A, 2006, 779, 116-141.	1.5	5
191	First results on $^{12}\text{C}$ production at $\text{DA}\hat{\text{I}}\text{NE}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 622, 35-44.	4.1	84
192	First results from the FINUDA experiment at $\text{DA}\hat{\text{I}}\text{NE}$ . Nuclear Physics A, 2005, 754, 399-409.	1.5	7
193	First results from the FINUDA experiment. Nuclear Physics A, 2005, 752, 139-144.	1.5	8
194	Recent experimental results in hypernuclear physics. AIP Conference Proceedings, 2005, , .	0.4	0
195	Evidence for a Kaon-Bound State $K^0_{\Lambda}$ produced in $K^0_{\Lambda}$ Absorption Reactions at Rest. Physical Review Letters, 2005, 94, 212303.	7.8	373
196	VECTOR MESON PRODUCTION IN COLLISIONS OF NUCLEONS. International Journal of Modern Physics A, 2005, 20, 427-435.	1.5	1
197	FIRST HYPERNUCLEAR RESULTS FROM THE FINUDA EXPERIMENT AT $\text{DA}\hat{\text{I}}\text{NE}$ . International Journal of Modern Physics A, 2005, 20, 310-320.	1.5	1
198	Open problems in low energy antineutron interactions. Nuclear Instruments & Methods in Physics Research B, 2004, 214, 65-69.	1.4	1

#	ARTICLE	IF	CITATIONS
199	Overline pp annihilation into four charged pions at rest and in flight. European Physical Journal C, 2004, 35, 21-33.	3.9	29
200	Dynamical selection rules from p or p annihilation at rest in three meson final states. European Physical Journal C, 2004, 35, 177-187.	3.9	0
201	Evidence for a narrow resonance at 1530 MeV/c <sup>2</sup> in the K <sup>0</sup> <sub>p</sub> -system of the reaction pp <sup>+</sup> π <sup>+</sup> +K <sup>0</sup> <sub>p</sub> from the COSY-TOF experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 127-134.	4.1	140
202	Measurement of the λ production in proton-proton collisions with the COSY time-of-flight spectrometer. European Physical Journal A, 2003, 16, 127-137.	2.5	45
203	Coupled channel analysis of π <sup>+</sup> +π <sup>-</sup> π <sup>0</sup> , K <sup>+</sup> +K <sup>-</sup> π <sup>0</sup> and K <sup>+</sup> {pm}K <sup>0</sup> <sub>S</sub> π <sup>{mp}</sup> from p p annihilation at rest in hydrogen targets at three densities. European Physical Journal C, 2003, 26, 371-388.	3.9	27
204	Antineutron physics. Physics Reports, 2003, 383, 213-297.	25.6	15
205	Results of the coupled channel analysis of π <sup>+</sup> +π <sup>-</sup> π <sup>0</sup> , K <sup>+</sup> +K <sup>-</sup> π <sup>0</sup> and K <sup>±</sup> K <sup>0</sup> Sπ <sup>±</sup> final states from p <sub>l</sub> ,p annihilation at rest in hydrogen targets at different densities. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 233-240.	4.1	5
206	Search for a narrow state at 1.9 GeV in π <sup>+</sup> +2π <sup>-</sup> π <sup>0</sup> exclusive events in n <sub>l</sub> ,p annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 527, 39-42.	4.1	4
207	Study of the K <sup>+</sup> +K <sup>-</sup> π <sup>+</sup> π <sup>-</sup> π <sup>0</sup> final state in antiproton annihilation at rest in gaseous hydrogen at NTP with the OBELIX spectrometer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 545, 261-271.	4.1	23
208	Antineutron nucleus annihilation cross sections below 400 MeV/c. Nuclear Physics A, 2002, 697, 209-224.	1.5	32
209	Single and multinucleon antiproton nucleus 4He annihilation at rest. Nuclear Physics A, 2002, 700, 159-192.	1.5	17
210	Production of η mesons in proton nucleus proton collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 522, 16-21.	4.1	45
211	Contribution from waves in annihilation at rest. Nuclear Physics A, 2001, 686, 317-340.	1.5	11
212	Hidden strangeness and OZI rule. Nuclear Physics A, 2001, 691, 336-343.	1.5	2
213	Associated strangeness production at threshold with the TOF experiment at COSY. Nuclear Physics A, 2001, 691, 344-352.	1.5	4
214	Antinucleon nucleus nucleon elastic cross section below 100 MeV/c. Nuclear Physics A, 2001, 692, 3-10.	1.5	0
215	Hints for a l=2 η resonant state in the annihilation reaction. Nuclear Physics A, 2001, 692, 287-294.	1.5	1
216	Protonium annihilation into π <sup>+</sup> π <sup>-</sup> π <sup>0</sup> at rest in a liquid hydrogen target. Physical Review D, 2001, 65, .	4.7	6

#	ARTICLE	IF	CITATIONS
217	Further studies on the performance of large area planar drift chamber filled with a He-based mixture. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 452, 386-388.	1.6	1
218	Antineutron-proton total cross section from 50 to 400 MeV/c. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 378-385.	4.1	24
219	Measurements of cascade times of antiprotons in molecular hydrogen and helium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 224-228.	4.1	6
220	An analysis of the contribution of isospin two $\rho$ resonant states in the annihilation reaction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 495, 284-288.	4.1	8
221	The FINUDA superconducting magnet at DAΦNE. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 553-558.	0.4	6
222	New measurements of the annihilation cross section at very low energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 461, 405-412.	4.1	57
223	Study of $\rho^+$ and $\rho^0$ production in annihilations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 471, 263-270.	4.1	3
224	Study of $\rho^+$ and $\rho^0$ annihilation reactions in flight. Nuclear Physics A, 1999, 655, 453-494.	1.5	12
225	Hidden strangeness production in two body annihilation in flight. Nuclear Physics A, 1999, 655, c167-c172.	1.5	0
226	Light baryon production in binary annihilation reactions at rest. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 460, 248-255.	4.1	4
227	$\rho^+$ and $\rho^0$ annihilation cross sections at very low energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 461, 413-416.	4.1	44
228	Evidence for two pseudoscalar states in the 1.4-1.5 GeV mass region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 462, 453-461.	4.1	21
229	Study of $\rho^+$ and $\rho^0(1525)$ meson production in annihilation at rest. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 438, 430-440.	4.1	19
230	Hypernuclear physics with stopped $K^+$ at DAΦNE. Nuclear Physics, Section B, Proceedings Supplements, 1998, 61, 601-606.	0.4	1
231	The FINUDA experiment at DAΦNE. Il Nuovo Cimento A, 1998, 111, 1067-1075.	0.2	0
232	Measurements of the reaction $\bar{p} + p \rightarrow \rho^+ + \pi^0$ of antiproton annihilation at rest at three hydrogen target densities. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 432, 427-435.	4.1	9
233	Study of the isovector scalar mesons in the channel $\bar{p} + p \rightarrow K^+ + K^0 S^0$ at rest with initial angular momentum state selection. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 180-188.	4.1	24
234	Study of the $f_0(1500)/f_2(1565)$ production in the exclusive annihilation $\bar{p} + p \rightarrow \rho^+ + \rho^0$ in flight. Physical Review D, 1998, 57, 55-66.	4.7	21

#	ARTICLE	IF	CITATIONS
235	New data on $\hat{p}^{++}$ -baryon production in annihilation at rest. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 403, 177-184.	4.1	8
236	Study of the annihilation from S states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 220-228.	4.1	22
237	The FINUDA experiment at DAΦNE. Nuclear Physics A, 1997, 626, 575-582.	1.5	1
238	$\bar{p}, p$ partial cross sections at low energy. Nuclear Physics, Section B, Proceedings Supplements, 1997, 56, 58-65.	0.4	28
239	Results on spin-parity analysis of $\bar{p}, p \rightarrow \pi^+ \pi^- \pi^0$ annihilation at rest from different density hydrogen targets. Nuclear Physics, Section B, Proceedings Supplements, 1997, 56, 146-153.	0.4	1
240	Results on spin-parity analysis of $\bar{n}, p \rightarrow \pi^+ \pi^- \pi^+$ in flight. Nuclear Physics, Section B, Proceedings Supplements, 1997, 56, 160-165.	0.4	0
241	$\bar{n}, p$ annihilation in flight in two mesons in the momentum range between 50 and 400 MeV/c with OBELIX. Nuclear Physics, Section B, Proceedings Supplements, 1997, 56, 227-233.	0.4	13
242	Changes in the annihilation delay time distribution of stopped antiprotons in helium gas, due to contaminants. $\hat{e}^{\text{II}}$ . Il Nuovo Cimento A, 1997, 110, 419-428.	0.2	1
243	A search for axial vectors in annihilations at rest in gaseous hydrogen at NTP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 400, 226-238.	4.1	25
244	Spin-parity analysis of the final state $\pi^+ \pi^- \pi^0$ from annihilation at rest in hydrogen targets at three densities. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 408, 476-486.	4.1	27
245	Study of annihilation in two mesons in the momentum range between 50 to 400 MeV/c with OBELIX. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 410, 344-352.	4.1	9
246	Hypernuclear physics with the FINUDA spectrometer at DAΦNE. Nuclear Physics A, 1997, 623, 279-288.	1.5	4
247	The antineutron beam at OBELIX. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 399, 11-26.	1.6	17
248	Final results of an experimental study of a large-area planar drift chamber filled with a He-based mixture. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 385, 58-68.	1.6	16
249	Exotic trapping of antiprotons in $^4\text{He}$ : dependence on pressure. Il Nuovo Cimento A, 1996, 109, 1505-1516.	0.2	3
250	$\bar{p}, p$ annihilation cross section at very low energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 369, 77-85.	4.1	66
251	Protonium annihilation into KSKL at three different target densities. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 386, 486-494.	4.1	16
252	New data on OZI rule violation in annihilation at rest. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 450-456.	4.1	15

#	ARTICLE	IF	CITATIONS
253	Experimental antiproton nuclear stopping power in H <sub>2</sub> and D <sub>2</sub> . Physical Review A, 1996, 54, 5441-5444.	2.5	18
254	Measurements of the annihilation at rest. Nuclear Physics A, 1995, 585, 577-617.	1.5	30
255	decay to in annihilation at rest. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 187-198.	4.1	38
256	Performances of the OBELIX time of flight system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 356, 270-279.	1.6	17
257	Performance of a large area drift chamber operating with a He-C <sub>4</sub> H <sub>10</sub> mixture. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 367, 100-103.	1.6	10
258	FINUDA and hypernuclei production at DAΦNE. Nuclear Physics A, 1995, 585, 271-277.	1.5	10
259	$\bar{\Lambda}$ and $\bar{\Sigma}^0$ production in antiproton annihilation at rest in a hydrogen gas target at NTP. Nuclear Physics A, 1995, 594, 375-405.	1.5	20
260	Antiproton Slowing Down in H <sub>2</sub> and He and Evidence of Nuclear Stopping Power. Physical Review Letters, 1995, 74, 371-374.	7.8	64
261	$\bar{\Lambda}$ and $\bar{\Sigma}^0$ meson production in annihilation and the OZI rule. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 334, 237-243.	4.1	41
262	Measurement of the annihilation frequencies in a 5 mb hydrogen gas target. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 329, 407-412.	4.1	11
263	Measurement of the frequency of the annihilation reaction $p \bar{p} \rightarrow \bar{\Lambda}^0$ at rest in a NTP hydrogen target. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 337, 226-234.	4.1	13
264	An experimental study of antiproton-4He annihilation at rest. Nuclear Physics A, 1994, 569, 761-790.	1.5	15
265	Changes in the Annihilation delay time distribution of stopped antiprotons in helium gas, due to contaminants. Il Nuovo Cimento A, 1994, 107, 1325-1337.	0.2	3
266	A study of pontecorvo reactions in antiproton deuterium annihilations at rest. Il Nuovo Cimento A, 1994, 107, 2837-2852.	0.2	9
267	Annihilation cross-sections of antineutrons on C, Al, Cu, Sn and Pb at low momenta (180-280 MeV/c) with the OBELIX spectrometer. Il Nuovo Cimento A, 1994, 107, 943-953.	0.2	13
268	Evidence of a new state at $\sqrt{s} \approx 1660$ MeV/c <sup>2</sup> observed in $\bar{p}p$ annihilations. Il Nuovo Cimento A, 1994, 107, 2243-2252.	0.2	4
269	The $\bar{\Lambda}^0/\bar{\Sigma}^0$ ratio from $\bar{p}p$ annihilations. Il Nuovo Cimento A, 1994, 107, 2271-2278.	0.2	0
270	Meson spectroscopy with S- and P-wave-dominant initial-state selection in $\bar{p}p$ annihilation. Il Nuovo Cimento A, 1994, 107, 2279-2286.	0.2	2



#	ARTICLE	IF	CITATIONS
271	First results from OBELIX on reactions with detected neutral pions in the final state. Il Nuovo Cimento A, 1994, 107, 2287-2303.	0.2	0
272	Study of the OZI-rule violation in antiproton annihilation in deuterium at rest. Il Nuovo Cimento A, 1994, 107, 2315-2320.	0.2	0
273	A new measurement of the Pontecorvo reaction with the OBELIX spectrometer at LEAR. Nuclear Physics A, 1993, 562, 617-643.	1.5	15
274	Antinucleon-nucleon annihilation cross section measurements at low energies. Nuclear Physics A, 1993, 558, 137-146.	1.5	10
275	Hypernuclei production with stopped K <sup>-</sup> at DAΦNE. Nuclear Physics A, 1993, 553, 851-856.	1.5	1
276	New results on meson spectroscopy from Obelix. Nuclear Physics A, 1993, 558, 13-26.	1.5	29