James Ritman

List of Publications by Year in descending order

207 papers	4,420 citations	109321 35 h-index	128289 60 g-index
210 all docs	210 docs citations	210 times ranked	2961 citing authors

#	Article	IF	Citations
1	Irradiation studies of silicon photomultipliers with proton beam from the JULIC cyclotron. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1025, 166130.	1.6	1
2	Versatile free-running ADC-based data acquisition system for particle detectors. Journal of Instrumentation, 2022, 17, C04022.	1.2	0
3	Production and electromagnetic decay of hyperons: a feasibility study with HADES as a phase-0 experiment at FAIR. European Physical Journal A, 2021, 57, 1.	2.5	12
4	The potential of $$varLambda $$ and $$varXi ^-$$ studies with PANDA at FAIR. European Physical Journal A, 2021, 57, 1.	2.5	5
5	PANDA Phase One. European Physical Journal A, 2021, 57, 1.	2.5	38
6	The KOALA experiment for (anti)protonâ€“proton elastic scattering. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1019, 165849.	1.6	0
7	Track Finding for the PANDA Detector Based on Hough Transformations. EPJ Web of Conferences, 2021, 251, 04002.	0.3	0
8	Feasibility studies for the measurement of time-like proton electromagnetic form factors from $$ar{p}p ightarrow mu ^+mu ^-$$ at $$overline{ext {P}}ext {ANDA}$$ at FAIR. European Physical Journal A, 2021, 57, 1.	2.5	7
9	Measurement of proton-proton elastic scattering into the Coulomb region at Pbeam = 2.5, 2.8 and 3.2 GeV/c. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 136022.	4.1	2
10	Electron-beam energy reconstruction for neutrino oscillation measurements. Nature, 2021, 599, 565-570.	27.8	27
11	Differential cross sections for neutron-proton scattering in the region of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mi>d</mml:mi><mml:mo>*</mml:mo></mml:m dibaryon resonance. Physical Review C, 2020, 102, .	2.9	5
12	Search for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î·</mml:mi></mml:math> mesic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts></mml:math> in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mi>d</mml:mi><mml:mo>â†’</mml:mo Physical Review C, 2020, 102, .	2.9	8
13	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mi>p</mml:mi><mml:mi>d</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:msup><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msup><mml:mtext>He</mml:mtext><mml:mn>2</mml:mn><mml:mi>Î³</mml:mi></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:mi>p</mml:mi>	4.1	8
14	Search for Î·â€™-mesic nuclei using (p,d) reaction with FRS/Super-FRS at GSI/FAIR. Journal of Physics: Conference Series, 2020, 1643, 012181.	0.4	0
15	Improved Rise Approximation Method for Pulse Arrival Timing. IEEE Transactions on Nuclear Science, 2019, 66, 1942-1951.	2.0	2
16	Polarization analysis of pÌ„ produced in pA collisions. EPJ Web of Conferences, 2019, 199, 05013.	0.3	0
17	Drift chamber calibration and particle identification in the P-349 experiment. EPJ Web of Conferences, 2019, 199, 05017.	0.3	0
18	Examination of the production of an isotensor dibaryon in the ppâ†’ppÏ€+Ï€â^’ reaction. Physical Review C, 2019, 99, .	2.9	3

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19	Design of a detector to study S=â^'2$S = - 2$ baryon interactions induced by stopped antiproton annihilation. EPJ Web of Conferences, 2019, 199, 05023.	0.3	0
20	Precision resonance energy scans with the PANDA experiment at FAIR. European Physical Journal A, 2019, 55, 1.	2.5	27
21	Spin Dependence of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î·</mml:mi></mml:math> Meson Production in Proton-Proton Collisions Close to Threshold. Physical Review Letters, 2018, 120, 022002.	7.8	2
22	Track propagation methods for the correlation of charged tracks with clusters in the calorimeter of the Pì„ANDA experiment. Journal of Instrumentation, 2018, 13, T02008-T02008.	1.2	0
23	Backward single-pion production in the $ pdightarrow {}^{3}mathrm{He} pi^{0}$ p d â†' 3 He Ï€ 0. European Physical Journal A, 2018, 54, 1.	2.5	0
24	Performance of a prototype Straw Tube Tracker for the Pì„ANDA experiment. Journal of Physics: Conference Series, 2018, 1024, 012013.	0.4	1
25	Search for C violation in the decay Î·â€¯â†'â€¯Ï€0e+eâ^' with WASA-at-COSY. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 378-384.	4.1	3
26	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.	4.1	12
27	Importance of d-wave contributions in the charge symmetry breaking reaction ddâ†'4Heï€0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 645-650.	4.1	3
28	Total and differential cross sections of Î·-production in protonâ€“deuteron fusion for excess energies between Qâ€¯=â€¯13 MeV and Qâ€¯=â€¯81 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 782, 297-304.	4.1	10
29	Pressure stabilized straw tube modules for the PANDA Forward Tracker. Journal of Instrumentation, 2018, 13, P06009-P06009.	1.2	9
30	Isotensor Dibaryon in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi><mml:mo stretchy="false">â†'</mml:mo><mml:mi>p</mml:mi><mml:mi>p</mml:mi><mml:msup><mml:mi>Ï€</mml:mi><mml:mo>+</mml:mo> Reaction?. Physical Review Letters, 2018, 121, 052001.	7.8	15
31	up to large values of Mandelstam variables <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>s</mml:mi><mml:mo>,</mml:mo><mml:mspace width="0.16em" /><mml:mi>t</mml:mi><mml:mo>,</mml:mo></mml:mrow></mml:math> and <mml:math	2.9	17
32	Simulation of protonâ€“proton elastic scattering for the KOALA recoil detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 898, 133-138.	1.6	3
33	overflow="scroll"><mml:mmultiscripts><mml:mrow><mml:mtext>He</mml:mtext></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:mmultiscripts></mml:math> in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif"	1.5	33
34	Determination of the spin triplet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mi mathvariant="normal">Î›</mml:mi></mml:mrow></mml:math>scattering length from the final state interaction in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mover accent="true"><mml:mi>p</mml:mi><mml:mo>âƒ—</mml:mo></mml:mover><mml:mi>p</mml:mi><mml:mo>â†'</mml:mo><mml:mi>	2.9	10
35	Measurement of the Ï‰â†'Ï€+Ï€âˆ'Ï€0 Dalitz plot distribution. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 770, 418-425.	4.1	13
36	Isoscalar single-pion production in the region of Roper and d âž (2380) resonances. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 599-607.	4.1	24

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37	Design, Implementation, and Verification of a Data Acquisition System for the Prototypes of the Front-End Electronics of the PANDA Micro Vertex Detector. , 2017, , .		0
38	Parallel Algorithms for Online Track Finding for the $ar{{m{P}}}$ANDA Experiment at FAIR. Journal of Physics: Conference Series, 2017, 898, 072040.	0.4	2
39	Design of the forward straw tube tracker for the PANDA experiment. Journal of Instrumentation, 2017, 12, C06032-C06032.	1.2	8
40	First results of the front-end ASIC for the strip detector of the PANDA MVD. Journal of Instrumentation, 2017, 12, C03063-C03063.	1.2	1
41	Drift Chamber Calibration and Track Reconstruction in the P349 Antiproton Polarization Experiment. Acta Physica Polonica B, 2017, 48, 1983.	0.8	3
42	Status of the analysis for the search of polarization in the antiproton production process. EPJ Web of Conferences, 2016, 130, 07002.	0.3	0
43	Empirical parametrization of the nucleon-nucleon elastic scattering amplitude at high beam momenta for Glauber calculations and Monte Carlo simulations. Physical Review C, 2016, 94, .	2.9	1
44	Resonances in QCD. Nuclear Physics A, 2016, 948, 93-105.	1.5	24
45	Study of doubly strange systems using stored antiprotons. Nuclear Physics A, 2016, 954, 323-340.	1.5	22
46	Simulated Measurement of the Ds Meson Semileptonic Decay Form Factor with the PÌ„ANDA Detector. Nuclear and Particle Physics Proceedings, 2016, 273-275, 2485-2487.	0.5	0
47	Search for an isospin I= 3 dibaryon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 455-461.	4.1	12
48	How to Reach a Thousand-Second in-Plane Polarization Lifetime with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>0.97</mml:mn><mml:mtext>â^'</mml:mtext><mml:mi>GeV</mml:mi><mml:mo>/</mml:mo><mml:mo> in a Storage Ring. Physical Review Letters, 2016, 117, 054801.	7.8	57
49	A time-based front-end ASIC for the silicon micro strip sensors of the PÌ„ANDA Micro Vertex Detector. Journal of Instrumentation, 2016, 11, C03017-C03017.	1.2	4
50	Measurements of branching ratios for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î·</mml:mi></mml:math> decays into charged particles. Physical Review C, 2016, 94, .	2.9	12
51	Measurement of the $overrightarrow{n} pightarrow dpi^{0}pi^{0}$ reaction with polarized beam in the region of the d*(2380) resonance. European Physical Journal A, 2016, 52, 1.	2.5	21
52	Feasibility studies of time-like proton electromagnetic form factors at $overline{m P}$ P Â¯ ANDA at FAIR. European Physical Journal A, 2016, 52, 1.	2.5	31
53	High-precision measurement of the associated strangeness production in proton-proton interactions. European Physical Journal A, 2016, 52, 1.	2.5	12
54	Measurement of polarization observables of the associated strangeness production in proton proton interactions. European Physical Journal A, 2016, 52, 1.	2.5	6

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55	Extracting the depolarization coefficient DNN from data measured with a full acceptance detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 817, 42-45.	1.6	2
56	New Method for a Continuous Determination of the Spin Tune in Storage Rings and Implications for Precision Experiments. Physical Review Letters, 2015, 115, 094801.	7.8	53
57	Online Tracking Algorithms on GPUs for the PÌ…ANDA Experiment at FAIR. Journal of Physics: Conference Series, 2015, 664, 082006.	0.4	3
58	Measurement of the npâ†'npÏ€0Ï€0 reaction in search for the recently observed dâž(2380) resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 325-332.	4.1	63
59	ABC effect and resonance structure in the double-pionic fusion to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">He</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2015, 91, .	2.9	30
60	Search for Polarization Effects in the Antiproton Production Process. Acta Physica Polonica B, 2015, 46, 191.	0.8	5
61	Experimental access to Transition Distribution Amplitudes with the PÌ„ANDA experiment at FAIR. European Physical Journal A, 2015, 51, 1.	2.5	29
62	Tracking with Straw Tubes in the PANDA Experiment. EPJ Web of Conferences, 2014, 66, 11007.	0.3	0
63	ADC-Based Real-Time Signal Processing for the PANDA Straw Tube Tracker. IEEE Transactions on Nuclear Science, 2014, 61, 3627-3634.	2.0	1
64	A recoil detector for the measurement of antiproton-proton elastic scattering at angles close to 90Â°. European Physical Journal A, 2014, 50, 1.	2.5	6
65	Charge symmetry breaking inddâ†'He4Ï€0with WASA-at-COSY. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 44-49.	4.1	9
66	Determination of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mrow><mml:mi>Î·</mml:mi></mml:mrow><mml:mrow><mml:mo>â€²</mml:mo></mml:m Scattering Length in Free Space. Physical Review Letters, 2014, 113, 062004.	7.8	38
67	Neutron-proton scattering in the context of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi>d</mml:mi><mml:mo>*</mml:mo></mml:msup></mml:m resonance. Physical Review C, 2014, 90, .	2.9	54
68	Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î·</mml:mi><mml:mo>â†'</mml:mo><mml:msup><mml:mi> plot distribution. Physical Review C, 2014, 90, .	2.9	23
69	Triplet based online track finding in the PANDA-STT. Hyperfine Interactions, 2014, 229, 153-158.	0.5	2
70	Cross section ratio and angular distributions of the reaction p + d â†' 3He + Î· at 48.8 MeV and 59.8 MeV excess energy. European Physical Journal A, 2014, 50, 1.	2.5	12
71	A method for fast feature extraction in threshold scans. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 735, 615-619.	1.6	2
72	Evidence for a New Resonance from Polarized Neutron-Proton Scattering. Physical Review Letters, 2014, 112, .	7.8	150

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73	A free-running, time-based readout method for particle detectors. Journal of Instrumentation, 2014, 9, C03025-C03025.	1.2	5
74	Simulations on the measurement of the D_s meson semileptonic form factor with the PANDA detector. Journal of Physics: Conference Series, 2014, 503, 012024.	0.4	0
75	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
76	Final-state interactions in the process $$ar pp o pK^ + Lambda$$. European Physical Journal A, 2013, 49, 1.	2.5	20
77	The straw tube trackers of the PANDA experiment. , 2013, , .		0
78	Isospin decomposition of the basic double-pionic fusion in the region of the ABC effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 229-236.	4.1	114
79	Search for a dark photon in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mrow><mml:mi>Ï€</mml:mi></mml:mrow><mml:mrow><mml:mn>0</mml:mn></mml:mrow></mml:msup></mml:math> decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 187-193.	4.1	105
80	Particle identification using the time-over-threshold measurements in straw tube detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 573-574.	1.6	5
81	Study of the Î›p interaction close to the and thresholds. Nuclear Physics A, 2013, 901, 65-88.	1.5	17
82	On the Î£N cusp in the pp â†' pK+Î› reaction. European Physical Journal A, 2013, 49, 1.	2.5	18
83	Investigation of theddâ†'3HenÏ€0reaction with the FZ JÃ¼lich WASA-at-COSY facility. Physical Review C, 2013, 88, .	2.9	5
84	Measurement of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mi>n</mml:mi><mml:mo>â†'</mml:mo><mml:mi>p</mml:mi><mml:mi>p</mml:mi><mml:mi>p</mml:mi> in search for the recently observed resonance structure in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>d</mml:mi><mml:msup><mml:. Physical Review C, 2013, 88, .	2.9	62
85	Search forÎ·-mesic4He with the WASA-at-COSY detector. Physical Review C, 2013, 87, .	2.9	40
86	Investigation of an ADC based signal processing and design of an ATCA data acquisition system unit for the Straw Tube Tracker at PANDA. , 2013, , .		0
87	Development of a readout system for thePÌ„ANDAMicro Vertex Detector. Journal of Instrumentation, 2013, 8, C01043-C01043.	1.2	3
88	Abashian-Booth-Crowe resonance structure in the double pionic fusion to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>4</mml:mn></mml:msup></mml:math>He. Physical Review C, 2012, 86, .	2.9	30
89	The pp â†' nK+Î£+ reaction at 2.95 GeV/c. European Physical Journal A, 2012, 48, 1.	2.5	4
90	Formation of the S = -1 resonance X(2265) in the reaction pp â†' X+K+ at 2.50 and 2.85 GeV. European Physical Journal A, 2012, 48, 1.	2.5	21

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91	Final State Interactions and Polarization Observables in the Reactionppâ†'pKÎ›. EPJ Web of Conferences, 2012, 37, 01008.	0.3	2
92	The pKOÎ£+ final state in proton-proton collisions. European Physical Journal A, 2012, 48, 1.	2.5	12
93	Exclusive measurement of the <mml:math altimg="si1.gif" overflow="scroll" 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" 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	34
94	Upper limits for a narrow resonance in the reactionp+pâ†'K++(Î›p). Physical Review D, 2011, 84, .	4.7	7
95	Abashian-Booth-Crowe Effect in Basic Double-Pionic Fusion: A New Resonance?. Physical Review Letters, 2011, 106, 242302.	7.8	210
96	Invariant-mass distributions for the pp $ ightarrow$ pp$ eta$ reaction at Q = 10 MeV. European Physical Journal A, 2010, 43, 131-136.	2.5	9
97	Systematic study of the pp $ ightarrow$ pp$ omega$ reaction. European Physical Journal A, 2010, 44, 7-22.	2.5	11
98	Production of $ Lambda$ and $ Sigma^{0}_{}$ hyperons in proton-proton collisions. European Physical Journal A, 2010, 46, 27-44.	2.5	41
99	The straw tube tracker of the ANDA experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 148-150.	1.6	3
100	Measurement of the invariant mass distributions for the reaction at excess energy of. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 684, 11-16.	4.1	15
101	High resolution study of the Λp final state interaction in the reaction <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>p</mml:mi><mml:mo>+</mml:mo><mml:mi>p</mml:mi><mml:mo>â†'</mml:mo><mml:msup><mml:mi>K stretchy="false">(</mml:mo><mml:mi>Λ</mml:mi><mml:mi>p</mml:mi><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 332	4.1	32
102	Influence of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>N</mml:mi><mml:mo>â^—</mml:mo></mml:msup></mml:math>-resonances on hyperon production in the channel <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mi mathvariant="italic">pp</mml:mi><mml:mo>â†'</mml:mo><mml:msup><mml:mi>K</mml:mi><mml:mo>+</mml:mo></mml:msup><m 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
103	Cross sections of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>p</mml:mi><mml:mi>p</mml:mi><mml:mo>â†'</mml:mo><mml:msup><mml:mi>K</mml:mi><mml:mo>+ reaction close to threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 10-14.	4.1	20
104	DISTO data on. Nuclear Physics A, 2010, 835, 43-50.	1.5	23
105	Two-proton correlation function for theppâ†'pp+ Î· andppâ†'pp+pionsreactions. Journal of Physics G: Nuclear and Particle Physics, 2010, 37, 055003.	3.6	8
106	Experimental study of thep+6Liâ†'Î·+7Bereaction 11.3 MeV above threshold. Physical Review C, 2010, 82, .	2.9	9
107	Upper limit of the total cross section for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="italic">pn</mml:mi><mml:mo>â†'</mml:mo><mml:mi mathvariant="italic">pn</mml:mi><mml:msup><mml:mi>Î·</mml:mi><mml:mrow><mml:mo>â€²</mml:mo></mml:mrow></mml:msup	2.9	5
108	Indication of a Deeply Bound and Compact<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>K</mml:mi><mml:mo>â^'</mml:mo></mml:msup><mml:mi>p</mml:mi><mml:mi>p</mml:mi><mml:mi> Formed in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi><mml:mo>â†'</mml:mo><mml:mi>p</mml:mi><mml:mi>p</mml:mi><mml:mi>Λ</mml:mi><mml at 2.85ÂGeV. Physical Review Letters, 2010, 104, 132502.	7.8	161

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109	Determination of the Total Width of theÎ·â€²Meson. Physical Review Letters, 2010, 105, 122001.	7.8	10
110	Precision measurements of theppâ†’Ï€+pnandppâ†’Ï€+dreactions: Importance of long-range and tensor force effects. Physical Review C, 2009, 79, .	2.9	6
111	Search for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î·</mml:mi></mml:mrow></mml:math>-mesic nuclei in a recoil-free transfer reaction. Physical Review C, 2009, 79, .	2.9	43
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