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High Energy Physics
Nuclear Physics
Archaeology
Statistics
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Citations	10354	2432
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TITLE	CITED BY	YEAR
The COMPASS experiment at CERN P Abbon, E Albrecht, VY Alexakhin, Y Alexandrov, GD Alexeev, ... Nuclear Instruments and Methods in Physics Research Section A: Accelerators ...	853	2007
First Observation of the Doubly Charmed Baryon Ξ_{cc}^+ M Mattson, G Alkhazov, AG Atamantchouk, MY Balatz, NF Bondar, ... Physical review letters 89 (11), 112001	477	2002
First measurement of the transverse spin asymmetries of the deuteron in semi-inclusive deep inelastic scattering VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, B Badetek, ... Physical review letters 94 (20), 202002	462	2005
The deuteron spin-dependent structure function g_{1d} and its first moment VY Alexakhin, Y Alexandrov, GD Alexeev, M Alexeev, A Amoroso, ... Physics Letters B 647 (1), 8-17	461	2007
A new measurement of the Collins and Sivers asymmetries on a transversely polarised deuteron target ES Ageev, VY Alexakhin, Y Alexandrov, GD Alexeev, M Alexeev, ... Nuclear Physics B 765 (1-2), 31-70	390	2007
Collins and Sivers asymmetries for pions and kaons in muon–deuteron DIS M Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... Physics Letters B 673 (2), 127-135	317	2009
Confirmation of the doubly charmed baryon Ξ_{cc}^+ (3520) via its decay to $pD^+ K^-$ A Ocherashvili, MA Moinester, J Russ, J Engelfried, I Torres, U Akgun, ... Physics Letters B 628 (1-2), 18-24	315	2005
Measurement of the Collins and Sivers asymmetries on transversely polarised protons MG Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... Physics Letters B 692 (4), 240-246	250	2010
Quark helicity distributions from longitudinal spin asymmetries in muon–proton and muon–deuteron scattering MG Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... Physics Letters B 693 (3), 227-235	224	2010
Measurements on isovector giant resonances in pion charge exchange A Erell, J Alster, J Lichtenstadt, MA Moinester, JD Bowman, MD Cooper, ... Physical Review C 34 (5), 1822	209	1986

TITLE	CITED BY	YEAR
Observation of a $J^{PC} = 1^{-+}$ Exotic Resonance in Diffractive Dissociation of $190 \text{ GeV}/c \pi^-$ into $\pi^- \pi^- \pi^+$ MG Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... Physical review letters 104 (24), 241803	204	2010
Gluon polarization in the nucleon from quasi-real photoproduction of high-pT hadron pairs ES Ageev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... Physics Letters B 633 (1), 25-32	202	2006
The spin-dependent structure function of the proton g_1p and a test of the Bjorken sum rule MG Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... Physics Letters B 690 (5), 466-472	179	2010
COMPASS: A proposal for a common muon and proton apparatus for structure and spectroscopy G Baum, R Gehring, W Meyer, PM Shagin, HJ Kessler, F Stinzinger, ...	165	1996
Measurement of the spin structure of the deuteron in the DIS region ES Ageev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... Physics Letters B 612 (3-4), 154-164	157	2005
The polarised valence quark distribution from semi-inclusive DIS M Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... Physics Letters B 660 (5), 458-465	144	2008
Pion absorption on ^3He at $T_\pi=62.5$ and 82.8 MeV KA Aniol, A Altman, RR Johnson, HW Roser, R Tacik, U Wienands, ... Physical Review C 33 (5), 1714	143	1986
Compass-ii proposal F Gautheron, W Eyrych, V Konstantinov, S Ishimoto, DH Kang, ...	137	2010
Chiral symmetry and pion polarizabilities D Babusci, S Bellucci, G Giordano, G Matone, AM Sandorfi, MA Moinester Physics Letters B 277 (1-2), 158-162	137	1992
Observation of a Narrow Charm-Strange Meson $D_{sJ}^+(2632) \rightarrow D_s^+ \eta$ and $D^0 K^+$ AV Evdokimov, U Akgun, G Alkhozov, J Amaro-Reyes, AG Atamantchouk, ... Physical review letters 93 (24), 242001	132	2004
Measurement of the πmeson polarizabilities via the $\gamma p \rightarrow \gamma \pi^+ n$ reaction J Ahrens, VM Alexeev, JRM Annand, HJ Arends, R Beck, G Caselotti, ... The European Physical Journal A-Hadrons and Nuclei 23 (1), 113-127	129	2005
Design, construction, and performance of a high-resolution π^0 spectrometer for nuclear physics experiments HW Baer, RD Bolton, JD Bowman, MD Cooper, FH Cverna, RH Heffner, ... Nuclear Instruments and Methods 180 (2-3), 445-459	115	1981
Flavour separation of helicity distributions from deep inelastic muon-deuteron scattering M Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... Physics Letters B 680 (3), 217-224	113	2009

TITLE	CITED BY	YEAR
The COMPASS setup for physics with hadron beams P Abbon, C Adolph, R Akhunzyanov, Y Alexandrov, MG Alexeev, ... Nuclear Instruments and Methods in Physics Research Section A: Accelerators ...	107	2015
Positive pion-nucleus elastic scattering at 30 and 50 MeV BM Freedom, SH Dam, CW Darden III, RD Edge, DJ Malbrough, T Marks, ... Physical Review C 23 (3), 1134	102	1981
Multipole Analysis of Particle-Particle or Particle-Hole Multiplets M Moinester, JP Schiffer, WP Alford Physical Review 179 (4), 984	100	1969
Spin asymmetry A1d and the spin-dependent structure function g1d of the deuteron at low values of x and Q2 VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, B Badelek, ... Physics Letters B 647 (5-6), 330-340	96	2007
Gluon polarisation in the nucleon and longitudinal double spin asymmetries from open charm muoproduction M Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... Physics Letters B 676 (1-3), 31-38	93	2009
Hadronic production of Λ_c from 600 GeV/cπ^-, Σ^- and p beams FG Garcia, G Alkhazov, AG Atamantchouk, MY Balatz, NF Bondar, ... Physics Letters B 528 (1-2), 49-57	91	2002
K^+ total cross sections on ^{12}C and medium effects in nuclei RA Krauss, J Alster, D Ashery, S Bart, RE Chrien, JC Hiebert, RR Johnson, ... Physical Review C 46 (2), 655	89	1992
Leading order determination of the gluon polarisation from DIS events with high-pT hadron pairs C Adolph, MG Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, ... Physics Letters B 718 (3), 922-930	87	2013
Transverse spin effects in hadron-pair production from semi-inclusive deep inelastic scattering C Adolph, MG Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, ... Physics Letters B 713 (1), 10-16	87	2012
Total cross section measurements with π^-, Σ^- and protons on nuclei and nucleons around 600GeV/c U Dersch, N Akchurin, VA Andreev, AG Atamantchouk, M Aykac, ... Nuclear Physics B 579 (1-2), 277-312	87	2000
The (n, p) reaction as a probe of Gamow-Teller strength KP Jackson, A Celler, WP Alford, K Raywood, R Abegg, RE Azuma, ... Physics Letters B 201 (1), 25-28	87	1988
K^+ total cross sections as a test for nucleon "swelling" Y Mardor, E Piasetsky, J Alster, D Ashery, MA Moinester, AI Yavin, S Bart, ... Physical review letters 65 (17), 2110	81	1990
Observation of the nuclear isovector monopole resonance JD Bowman, HW Baer, R Bolton, MD Cooper, FH Cverna, NSP King, ... Physical Review Letters 50 (16), 1195	75	1983

TITLE	CITED BY	YEAR
Positive pion-nucleus elastic scattering at 40 MeV M Blecher, K Gotow, D Jenkins, F Milder, FE Bertrand, TP Cleary, ... Physical Review C 20 (5), 1884	71	1979
Measurement of the Σ^- charge radius by Σ^--electron elastic scattering I Eschrich, H Krüger, J Simon, K Vorwalter, G Alkhazov, AG Atamantchouk, ... Physics Letters B 522 (3-4), 233-239	70	2001
How to search for doubly charmed baryons and tetraquarks MA Moinester Zeitschrift für Physik A Hadrons and Nuclei 355 (1), 349-362	67	1996
$p(\gamma \rightarrow \pi^0)$ reaction and the $E2$ excitation of the Δ G Blanpied, M Blecher, A Caracappa, C Djalali, MA Duval, G Giordano, ... Physical review letters 69 (13), 1880	65	1992
Gamow-Teller strength deduced from $^{54}\text{Fe}(n,p)^{54}\text{Mn}$ cross sections at 298 MeV MC Vetterli, O Häusser, WP Alford, D Frekers, R Helmer, R Henderson, ... Physical review letters 59 (4), 439	65	1987
Precision Measurements of the Λ_c^+ and D^0 Lifetimes A Kushnirenko, G Alkhazov, AG Atamantchouk, MY Balatz, NF Bondar, ... Physical review letters 86 (23), 5243	63	2001
Pion Double Charge Exchange at 50 MeV on ^{14}C I Navon, MJ Leitch, DA Bryman, T Numao, P Schlatter, G Azuelos, ... Physical Review Letters 52 (2), 105	63	1984
Reaction $^3\text{He}(\pi^+, pp)p$ at $T_\pi=350$ and 500 MeV LC Smith, RC Minehart, D Ashery, E Piasetsky, M Moinester, I Navon, ... Physical Review C 40 (3), 1347	61	1989
Excitation of isovector giant resonances in pion single-charge exchange at 120, 165, and 230 MeV F Irom, JD Bowman, GO Bolme, E Piasetzky, U Sennhauser, J Alster, ... Physical Review C 34 (6), 2231	60	1986
Isospin Dependence of Pion Absorption on Nucleon Pairs at $T_\pi = 65$ MeV MA Moinester, DR Gill, J Vincent, D Ashery, S Levenson, J Alster, ... Physical Review Letters 52 (14), 1203	59	1984
First observation of doubly charmed baryons M Moinester arXiv preprint hep-ex/0212029	57	2002
Properties of the isovector monopole and other giant resonances in pion charge exchange A Erell, J Alster, J Lichtenstadt, MA Moinester, JD Bowman, MD Cooper, ... Physical Review Letters 52 (24), 2134	56	1984
Measurement of the longitudinal spin transfer to Λ and $\bar{\Lambda}$ hyperons in polarised muon DIS M Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... The European Physical Journal C 64 (2), 171	55	2009

TITLE	CITED BY	YEAR
Spin-flip isovector giant resonances from the $^{90}\text{Zr}(n,p)^{90}\text{Y}$ reaction at 198 MeV KJ Raywood, BM Spicer, S Yen, SA Long, MA Moinester, R Abegg, ... Physical Review C 41 (6), 2836	54	1990
Multipole decomposition of Gamow–Teller strength MA Moinester Canadian Journal of Physics 65 (6), 660-665	54	1987
Measurements of the (π^+, π^0) Reaction on Light Elements in the (3,3)-Resonance Region Y Shamai, J Alster, D Ashery, S Cochavi, MA Moinester, AI Yavin, ... Physical Review Letters 36 (2), 82	54	1976
Differential Cross Section of the $pn \rightarrow pp(^1S_0)\pi^-$ Reaction Extracted from $pd \rightarrow ppp\pi^-$ F Duncan, H Hahn, C Aclander, D Ashery, EG Auld, DR Gill, DA Hutcheon, ... Physical review letters 80 (20), 4390	53	1998
Measurement of the charged-pion polarizability C Adolph, R Akhunzyanov, MG Alexeev, GD Alexeev, A Amoroso, ... Physical review letters 114 (6), 062002	50	2015
Sample size estimation for correlations with pre-specified confidence interval M Moinester, R Gottfried The Quantitative Methods for Psychology 10 (2), 124-130	50	2014
Observation of the Cabibbo-Suppressed Decay $\Xi_c^+ \rightarrow pK^-\pi^+$ SY Jun, N Akchurin, VA Andreev, AG Atamantchouk, M Aykac, MY Balatz, ... Physical review letters 84 (9), 1857	48	2000
Reaction $\pi^+ + d \rightarrow p + p$ at 20 to 65 MeV BG Ritchie, RD Edge, DJ Malbrough, BM Preedom, FE Bertrand, ... Physical Review C 24 (2), 552	48	1981
Observation of Isobaric Analog States in Pion Single-Charge-Exchange Reactions HW Baer, JD Bowman, MD Cooper, FH Cverna, CM Hoffman, ... Physical Review Letters 45 (12), 982	48	1980
Azimuthal asymmetries of charged hadrons produced by high-energy muons scattered off longitudinally polarised deuterons MG Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... The European Physical Journal C 70 (1-2), 39-49	44	2010
Pion absorption by ^3He at the Δ-resonance energy S Mukhopadhyay, S Levenson, RE Segel, G Garino, D Geesaman, ... Physical Review C 43 (3), 957	44	1991
Observation of Analogs of the Giant-Dipole Resonance in Pion Single Charge Exchange on ^{40}Ca HW Baer, R Bolton, JD Bowman, MD Cooper, F Cverna, NSP King, ... Physical Review Letters 49 (19), 1376	44	1982

TITLE	CITED BY	YEAR
Charge and transition densities of samarium isotopes in the interacting boson model MA Moinester, J Alster, G Azuelos, AEL Dieperink Nuclear Physics A 383 (2), 264-284	44	1982
Pion absorption on the diproton E Piasetzky, D Ashery, MA Moinester, GA Miller, A Gal Physical review letters 57 (17), 2135	43	1986
Double spin asymmetry in exclusive ρ^0 muoproduction at COMPASS M Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... The European Physical Journal C 52 (2), 255-265	41	2007
Analyzing Powers and Partial Wave Decomposition of $pn \rightarrow pp(^1S_0)\pi^-$ at Low Energies H Hahn, FA Duncan, J Aclander, D Ashery, EG Auld, DR Gill, ... Physical review letters 82 (11), 2258	40	1999
Quadrupole amplitude in the $\gamma N \rightarrow \Delta$ transition AM Bernstein, S Nozawa, MA Moinester Physical Review C 47 (3), 1274	40	1993
Electromagnetic matrix elements in baryons HJ Lipkin, MA Moinester Physics letters. Section B 287 (1-3), 179-184	40	1992
Elastic scattering of positive pions on ^{16}O at 40.0 and 49.7 MeV DJ Malbrough, CW Darden, RD Edge, T Marks, BM Preedom, RL Burman, ... Physical Review C 17 (4), 1395	38	1978
Interaction of Positive and Negative Pions with ^{27}Al and ^{28}Si D Ashery, M Zaider, Y Shamai, S Cochavi, MA Moinester, AI Yavin, ... Physical Review Letters 32 (17), 943	38	1974
First Measurement of Chiral Dynamics in $\pi^- \gamma \rightarrow \pi^- \pi^- \pi^+$ C Adolph, MG Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, ... Physical review letters 108 (19), 192001	37	2012
Elastic scattering of positive pions on ^{12}C at 49.9 MeV MA Moinester, RL Burman, RP Redwine, MA Yates-Williams, ... Physical Review C 18 (6), 2678	36	1978
High momentum transfer longitudinal and transverse form factors of the 7Li ground-state doublet J Lichtenstadt, J Alster, MA Moinester, J Dubach, RS Hicks, GA Peterson, ... Physics Letters B 219 (4), 394-398	35	1989
Isobaric analog states in pion single-charge-exchange reactions on and above the (3, 3) resonance energy U Sennhauser, E Piasetzky, HW Baer, JD Bowman, MD Cooper, HS Matis, ... Physical Review Letters 51 (15), 1324	35	1983
Spin asymmetry A_1^d and the spin-dependent structure function g_1^d of the deuteron at low values of x and Q^2 C COMPASS, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ... Physics Letters B 647 (5-6), 330-340	34	2007

TITLE	CITED BY	YEAR
Analyzing-power measurement in $p \rightarrow n \rightarrow \pi^- pp(^1S_0)$: Pion absorption by quark clusters? C Ponting, DA Hutcheon, MA Moinester, PL Walden, DR Gill, RR Johnson, ... Physical review letters 63 (17), 1792	34	1989
How to search for pentaquarks in high energy hadronic interactions MA Moinester, D Ashery, LG Landsberg, HJ Lipkin Zeitschrift für Physik A Hadrons and Nuclei 356 (1), 207-218	33	1996
Pion absorption on ^3He at low energies H Hahn, A Altman, D Ashery, G Gefen, DR Gill, RR Johnson, ... Physical Review C 53 (3), 1074	33	1996
Multispectral images of ostraca: acquisition and analysis S Faigenbaum, B Sober, A Shaus, M Moinester, E Piasetzky, G Bearman, ... Journal of Archaeological Science 39 (12), 3581-3590	32	2012
Two-photon physics capabilities of KLOE at DAΦNE G Alexander, F Anulli, D Babusci, R Baldini-Ferroli, M Bassetti, S Bellucci, ... Il Nuovo Cimento A (1965-1970) 107 (6), 837-861	32	1994
The structure of ^{36}Ar and ^{38}Ar via the $(^3\text{He}, d)$ reaction on ^{35}Cl and ^{37}Cl MA Moinester, WP Alford Nuclear Physics A 145 (1), 143-176	32	1970
Exclusive p_0 muoproduction on transversely polarised protons and deuterons C Adolph, MG Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, ... Nuclear Physics B 865 (1), 1-20	31	2012
Elastic scattering of π^+ and π^- from ^{40}Ca at 64.8 MeV SH Dam, RD Edge, BM Preedom, M Hamm, RL Burman, R Carlini, ... Physical Review C 25 (5), 2574	31	1982
Angular distributions of single pion charge exchange reactions to isobaric analog states in light nuclei A Doron, J Alster, A Erell, MA Moinester, RA Anderson, HW Baer, ... Physical Review C 26 (1), 189	30	1982
Isoscalar and isovector M4 spin transitions in ^{14}C MA Plum, RA Lindgren, J Dubach, RS Hicks, RL Huffman, B Parker, ... Physics Letters B 137 (1-2), 15-19	29	1984
Positive-pion-nucleus elastic scattering at 20 MeV FE Obenshain, FE Bertrand, EE Gross, NW Hill, JR Wu, RL Burman, ... Physical Review C 27 (6), 2753	29	1983
A nuclear structure study with the $^{94}\text{Mo}(p, t)^{92}\text{Mo}$ reaction A Moalem, MA Moinester, N Auerbach, J Alster, Y Dupont Nuclear Physics A 177 (1), 145-160	28	1971
Radiative decay width of the $a_2(1320)^-$ meson VV Molchanov, G Alkhazov, AG Atamantchouk, MY Balatz, NF Bondar, ... Physics Letters B 521 (3-4), 171-180	27	2001

TITLE	CITED BY	YEAR
A study of spin isovector giant resonances with the $^{208}\text{Pb}(n, p)^{208}\text{Tl}$ reaction MA Moinester, A Trudel, K Raywood, S Yen, BM Spicer, R Abegg, ... Physics Letters B 230 (1-2), 41-45	27	1989
Gamow-Teller strength and giant resonances in $^{90}\text{Zr}(n, p)$ at 198 MeV S Yen, BM Spicer, MA Moinester, K Raywood, R Abegg, WP Alford, ... Physics Letters B 206 (4), 597-600	27	1988
Study of the Even Molybdenum Isotopes with the (p, t) Reaction A Moalem, MA Moinester, J Alster, Y Dupont Nuclear Physics A 196 (3), 605-614	27	1972
Excitation of the Ground-State Rotational Band of ^{152}Sm by 250-MeV Electrons A Nakada, N Haik, J Alster, JB Bellicard, S Cochavi, B Frois, M Huet, ... Physical Review Letters 38 (11), 584	25	1977
Study of the $^{92}, ^{96}\text{Zr}(d, \alpha)^{90}, ^{94}\text{Y}$ Reactions S Gilad, S Cochavi, MA Moinester, J Alster, M Buenerd, P Martin Nuclear Physics A 233 (1), 81-90	25	1974
Possibility of H dibaryon production with energetic hyperon and meson beams MA Moinester, CB Dover, HJ Lipkin Physical Review C 46 (3), 1082	24	1992
Measurement of the Ds^{\pm} lifetime M Iori, G Alkhozov, AG Atamantchouk, MY Balatz, NF Bondar, PS Cooper, ... Physics Letters B 523 (1-2), 22-28	23	2001
Upper limit on the decay $\Sigma(1385)^- \rightarrow \Sigma^- \gamma$ and cross section for $\gamma \Sigma^- \rightarrow \Lambda \pi^-$ VV Molchanov, G Alkhozov, AG Atamantchouk, MY Balatz, NF Bondar, ... Physics Letters B 590 (3-4), 161-169	20	2004
Angular Distribution for $^{15}\text{N}(\pi^+, \pi^0)^{15}\text{O}$ (g.s.) at $T_{\pi} = 48$ MeV MD Cooper, HW Baer, R Bolton, JD Bowman, F Cverna, NSP King, ... Physical Review Letters 52 (13), 1100	20	1984
Pion single charge exchange on ^{14}C F Irom, JR Comfort, R Jeppesen, JJ Kraushaar, RA Ristinen, W Tew, ... Physical Review C 28 (6), 2565	20	1983
The low lying levels of ^7Li studied by electron scattering J Lichtenstadt, J Alster, MA Moinester, J Dubach, RS Hicks, GA Peterson, ... Physics Letters B 121 (6), 377-380	20	1983
$^3\text{He}(\pi^-, \pi^0)$ reaction at $T_{\pi} = 200$ MeV MD Cooper, HW Baer, JD Bowman, FH Cverna, RH Heffner, CM Hoffman, ... Physical Review C 25 (1), 438	20	1982
Neutron hole states in ^{91}Mo and ^{93}Mo studied by the (p, d) reaction MA Moinester, G Finkel, J Alster, P Martin Nuclear Physics A 202 (3), 473-496	20	1973

TITLE	CITED BY	YEAR
Production asymmetry of Ds from 600 GeV/c Σ^- and π^- beam M Kaya, G Alkhazov, AG Atamantchouk, MY Balatz, NF Bondar, ... Physics Letters B 558 (1-2), 34-40	19	2003
Pion and kaon polarizabilities and radiative transitions MA Moinester, V Steiner Chiral Dynamics: Theory and Experiment, 247-263	19	1998
Multi-nucleon degrees of freedom in inelastic form factors of ^7Li J Lichtenstadt, J Alster, MA Moinester, J Dubach, RS Hicks, GA Peterson, ... Physics Letters B 244 (2), 173-177	18	1990
Study of isovector resonances with pion charge exchange HW Baer, R Bolton, JD Bowman, MD Cooper, F Cverna, NSP King, ... Nuclear Physics A 396, 437-453	16	1983
Charge and transition densities for the samarium isotopes by electron scattering MA Moinester, J Alster, G Azuelos, JB Bellicard, B Frois, M Huet, ... Physical Review C 24 (1), 80	16	1981
($\pi^\mp, \pi N$) Knockout Reactions on ^{12}C from 30 to 90 MeV MA Moinester, M Zaider, J Alster, D Ashery, S Cochavi, AI Yavin Physical Review C 8 (6), 2039	16	1973
Pion generalized dipole polarizabilities by virtual Compton scattering $\pi e \rightarrow \pi e \gamma$ C Unkmeir, A Ocherashvili, T Fuchs, MA Moinester, S Scherer Physical Review C 65 (1), 015206	15	2001
Multispectral imaging as a tool for enhancing the reading of ostraca B Sober, S Faigenbaum, I Beit-Arieh, I Finkelstein, M Moinester, ... Palestine Exploration Quarterly 146 (3), 185-197	14	2014
Radiative corrections for pion polarizability experiments AA Akhundov, S Gerzon, S Kananov, MA Moinester Zeitschrift für Physik C Particles and Fields 66 (1-2), 279-284	14	1995
Proton polarization from π^+ absorption in ^3He S MayTal-Beck, J Aclander, A Altman, D Ashery, H Hahn, MA Moinester, ... Physical review letters 68 (20), 3012	14	1992
180° electron scattering from ^{14}C MA Plum, RA Lindgren, J Dubach, RS Hicks, RL Huffman, B Parker, ... Physical Review C 40 (5), 1861	14	1989
Deexcitation gamma rays from the interaction of 70-MeV pions with $s - d$ shell nuclei M Zaider, D Ashery, S Cochavi, S Gilad, MA Moinester, Y Shamai, ... Physical Review C 16 (6), 2313	14	1977
The $^{92}\text{Mo} (p, t) ^{90}\text{Mo}$ reaction at 40 MeV A Moalem, MA Moinester, J Alster, Y Dupont, M Chabre Physics Letters B 34 (5), 392-394	14	1971

TITLE	CITED BY	YEAR
A new determination of the $\gamma\pi \rightarrow \pi\pi$ anomalous amplitude via $\pi e^- \rightarrow \pi^- e^- \pi^0$ data I Giller, A Ocherashvili, T Ebertshäuser, MA Moinester, S Scherer The European Physical Journal A-Hadrons and Nuclei 25 (2), 229-240	13	2005
Hadron-Photon Interactions in COMPASS MA Moinester, V Steiner, S Prakhov arXiv preprint hep-ex/9903017	13	1999
($^3\text{He},d$) Stripping to Unbound Analog States in Tc Isotopes D Ashery, S Alper, A Moalem, Y Shamaï, Al Yavin, G Bruge, ... Physical Review C 5 (5), 1729	13	1972
Detection of Pion Single Charge Exchange in Zirconium J Alster, D Ashery, Al Yavin, J Duclos, J Miller, MA Moinester Physical Review Letters 28 (5), 313	13	1972
Pion and sigma polarizabilities and radiative transitions MA Moinester Chiral Dynamics: Theory and Experiment, 152-163	12	1995
Radiative decay of the Delta resonance: Analyzing powers for $\pi p \rightarrow \pi^+ n \gamma$ JC Stasko, B Bassalleck, EC Booth, MB Chertok, D Healey, ... Physical review letters 72, 973-976	12	1994
Pion and kaon polarizabilities at CERN COMPASS M Moinester arXiv preprint hep-ex/0301024	11	2003
First measurement of the reaction $^3\text{He}(\gamma \rightarrow p)\text{X}$ with polarized photons C Ruth, GS Adams, H Baghaei, A Caracappa, WB Clayton, A D'Angelo, ... Physical review letters 72 (5), 617	11	1994
Multispectral imaging of two Hieratic inscriptions from Qubur el-Walaydah S Faigenbaum, B Sober, I Finkelstein, M Moinester, E Piasetzky, A Shaus, ... Ägypten und Levante/Egypt and the Levant, 349-353	10	2014
Pion single charge exchange angular distributions at $T_\pi=48$ MeV MJ Leitch, HW Baer, JD Bowman, MD Cooper, E Piasetzky, ... Physical Review C 33 (1), 278	10	1986
A position-sensitive, high energy gamma-ray detector S Gilad, JD Bowman, MD Cooper, RH Heffner, CM Hoffman, ... Nuclear Instruments and Methods 144 (2), 103-108	10	1977
$\pi^\mp, \pi N$ knockout reactions on ^{14}N from 50 to 90 MeV M Zaider, J Alster, D Ashery, S Cochavi, MA Moinester, Al Yavin Physical Review C 10 (2), 938	10	1974
First measurement of $\pi^- e^- \rightarrow \pi^- e^- \gamma$ pion virtual compton scattering A Ocherashvili, G Alkhazov, AG Atamantchouk, MY Balatz, NF Bondar, ... Physical Review C 66 (3), 034613	9	2002

TITLE	CITED BY	YEAR
Search for Gamow-Teller strength in the continuum via the $^3\text{He}(n,p)^3\text{H}$ reaction at 288 MeV A Celler, S Yen, WP Alford, R Abegg, BA Brown, S Burzynski, D Frekers, ... Physical Review C 47 (4), 1563	9	1993
Energy dependence of stretched states excited in (p,n) reactions R Pourang, JW Watson, M Ahmad, WP Alford, BD Anderson, AR Baldwin, ... Physical Review C 44 (2), 689	9	1991
Pion single charge exchange on ^7Li at low energies F Irom, HW Baer, JD Bowman, MD Cooper, E Piasetzky, U Sennhauser, ... Physical Review C 31 (4), 1464	9	1985
Energy Dependence of the Small-Angle Differential Cross Sections to Isobaric Analog States in $^7\text{Li}(\pi^+, \pi^0)^7\text{Be}$ and $^{13}\text{C}(\pi^+, \pi^0)^{13}\text{N}$ A Doron, J Alster, A Erell, S Gilad, MA Moinester, RA Anderson, HW Baer, ... Physical Review Letters 48 (15), 989	9	1982
Detection of He Ions in the Interaction of 70-MeV π^- with Aluminum A Doron, J Julien, MA Moinester, A Palmer, Al Yavin Physical Review Letters 34 (8), 485	9	1975
Study of the $91\text{Zr}(d, 3\text{He})90\text{Y}$ reaction S Cochavi, S Gilad, MA Moinester, J Alster, M Buenerd, P Martin Nuclear Physics A 233 (1), 73-80	9	1974
The transverse momentum dependence of charged kaon Bose–Einstein correlations in the SELEX experiment GA Nigmatkulov, AK Ponosov, U Akgun, G Alkhazov, J Amaro-Reyes, ... Physics Letters B 753, 458-464	8	2016
Multispectral imaging of Tel Malhata ostraca S Faigenbaum, B Sober, M Moinester, E Piasetzky, G Bearman Tel Malhata: a central city in the biblical Negev 1, 510-513	8	2015
Hybrid meson structure at COMPASS M Moinester, SU Chung arXiv preprint hep-ex/0003008	8	2000
Inelastic electron-pion scattering at FNAL (SELEX) MA Moinester, A Ocherashvili, V Steiner arXiv preprint hep-ex/9903039	8	1999
Spin-isovector giant resonances induced by (n,p) reactions on heavy nuclei SA Long, BM Spicer, KJ Raywood, R Abegg, WP Alford, A Celler, ... Physical Review C 57 (6), 3191	8	1998
Primakoff physics for CERN COMPASS hadron beam: Hadron polarizabilities, hybrid mesons, chiral anomaly, meson radiative transitions MA Moinester, V Steiner arXiv preprint hep-ex/9801011	8	1998
Chiral anomaly tests MA Moinester arXiv preprint hep-ph/9409307	8	1994

TITLE	CITED BY	YEAR
High-spin stretched states excited in (<i>n,p</i>) reactions at 300 MeV R Pourang, JW Watson, R Abegg, M Ahmad, WP Alford, BD Anderson, ... Physical Review C 47 (6), 2751	8	1993
Erratum: Reaction $\pi^+ + d \rightarrow p + p$ at 20 to 65 MeV BG Ritchie, RD Edge, DJ Malbrough, BM Freedom, FE Bertrand, ... Physical Review C 26 (5), 2337	8	1982
Sequestration of atmospheric carbon dioxide as inorganic carbon in the unsaturated zone under semi-arid forests I Carmi, J Kronfeld, M Moinester Catena 173, 93-98	7	2019
Multispectral imaging reveals biblical-period inscription unnoticed for half a century S Faigenbaum-Golovin, A Mendel-Geberovich, A Shaus, B Sober, ... PloS one 12 (6), e0178400	7	2017
RHX dating of archeological ceramics via a new method to determine effective lifetime temperature M Moinester, E Piasetzky, M Braverman Journal of the American Ceramic Society 98 (3), 913-919	7	2015
The lead-glass electromagnetic calorimeter for the SELEX experiment MY Balatz, PS Cooper, GV Davidenko, AG Dolgolenko, GB Dzyubenko, ... Nuclear Instruments and Methods in Physics Research Section A: Accelerators ...	7	2005
Pion polarizabilities and hybrid meson structure at CERN COMPASS M Moinester arXiv preprint hep-ex/0012063	7	2000
Pion polarizabilities and Hybrid meson structure at COMPASS M Moinester	7	2000
Proton polarization from π^+ absorption in 4He J Aclander, S MayTal-Beck, A Altman, D Ashery, H Hahn, MA Moinester, ... Physics Letters B 300 (1-2), 19-23	7	1993
A determination of the f_{72-d32} effective interaction using multipole sum rule methods MA Moinester, WP Alford Nuclear Physics A 144 (2), 305-320	7	1970
Multipole sum rule analysis of single-nucleon transfer reactions on 51V MA Moinester Nuclear Physics A 94 (1), 81-94	7	1967
Measurement of radon diffusion length in thin membranes A Malki, N Lavi, M Moinester, H Nassar, E Neeman, E Piasetzky, V Steiner Radiation protection dosimetry 150 (4), 434-440	6	2012
First observation of the Cabibbo-suppressed decays $\Xi_c^+ \rightarrow \Sigma^+ \pi^- \pi^+$ and $\Xi_c^+ \rightarrow \Sigma^- \pi^+ \pi^+$ and measurement of their branching ratios E Vazquez-Jauregui, J Engelfried, U Akgun, G Alkhazov, J Amaro-Reyes, ... Physics Letters B 666 (4), 299-304	6	2008

TITLE	CITED BY	YEAR
Polarization of Σ^+ hyperons produced by 800 GeV/c protons on Cu and Be P Pogodin, G Alkhazov, AG Atamantchouk, MY Balatz, NF Bondar, ... Physical Review D 70 (11), 112005	6	2004
Exclusive meson production at COMPASS J Pochodzalla, G Piller, M Moinester, A Sandacz, L Mankiewicz, ... Submitted to 6th INT/Jlab Workshop on Exclusive and Semiex, 218-225	6	1999
Pentaquark search with energetic hadron beams MA Moinester, D Ashery, LG Landsberg, HJ Lipkin Arxiv preprint hep-ph/9407319	6	1994
Δ components in the ^3He ground state MA Moinester, HJ Lipkin Physics Letters B 277 (3), 221-226	6	1992
Computerized paleographic investigation of Hebrew Iron Age ostraca S Faigenbaum-Golovin, A Shaus, B Sober, I Finkelstein, D Levin, ... Radiocarbon 57 (2), 317-325	5	2015
Nuclear dependence of charm production A Blanco-Covarrubias, J Engelfried, U Akgun, G Alkhazov, ... The European Physical Journal C 64 (4), 637-644	5	2009
In Vivo beam localization by positron activation in pion therapy LF Mausner, MA Moinester, JD Knight, S Cochavi, SS Friedland Radiation research 80 (1), 10-23	5	1979
Possible measurements of GPDs at COMPASS N d'Hose, E Burtin, PAM Guichon, J Marroncle, M Moinester, ... arXiv preprint hep-ex/0212047	4	2002
Design and performance of the fermilab E781 (SELEX) hardware scattering trigger A Atamantchuk, N Bondar, V Golovtsov, A Golyash, B Razmyslovich, ... Nuclear Instruments and Methods in Physics Research Section A: Accelerators ...	4	1999
Moinester <i>et al.</i> respond MA Moinester, E Piasetzky, D Ashery, GA Miller, A Gal Physical review letters 58 (8), 841	4	1987
Inelastic scattering of π^+ mesons from nuclei at 50 MeV F Milder, M Blecher, K Gotow, D Jenkins, P Roberson, RL Burman, ... Physics Letters B 72 (2), 159-162	4	1977
Hybrid Meson Production via Pion Scattering from Nuclear Coulomb Field. Hybrid Meson Production via Ultra-Peripheral Pion Scattering from a Virtual Photon Target M Moinester	3	2003
Radon exhalation from building materials V Steiner, E Neeman, S Gelberg, K Kovler, A Perevalov, M Moinester, ...	3	2002
Color Transparency at COMPASS-Feasibility Study A Sandacz, OA Grajek, M Moinester, E Piasetzky arXiv preprint hep-ex/0106076	3	2001

TITLE	CITED BY	YEAR
Working group on goldstone boson production and decay J Bijnens, G Colangelo, G D'Ambrosio, F Gabbiani, G Isidori, J Kambor, ... Chiral Dynamics: Theory and Experiment, 311-334	3	1998
Pion Polarizability, Radiative Transitions, and Quark Gluon Plasma Signatures MA Moinester arXiv preprint hep-ph/9410215	3	1994
Measuring pion and sigma polarizabilities and radiative transitions MA Moinester AIP Conference Proceedings 243 (1), 553-558	3	1992
A High Resolution Π^0 Spectrometer for Nuclear Structure Studies JD Bowman, MD Cooper, RH Heffner, C Hoffman, MA Moinester, J Potter, ... IEEE Transactions on Nuclear Science 25 (1), 344-346	3	1978
MEASUREMENTS OF PION-NUCLEAR ELASTIC-SCATTERING AT LOW ENERGIES D Malbrough, RD Edge, CW Darden, T Marks, BM Preedom, F Bertrand, ... BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 21 (8), 983-984	3	1976
Color transparency via coherent exclusive p_0 production M Moinester, OA Grajek, E Piasetzky, A Sandacz Nuclear Physics B-Proceedings Supplements 105 (1-3), 168-170	2	2002
The SELEX Collaboration MA Moinester, A Ocherashvili, V Steiner	2	1999
Doubly charmed baryons and tetraquarks MA Moinester	2	1995
Two-photon physics capabilities of KLOE at $DA\phi NE$ G Alexander, P Tini-Brunozzi, M Bassetti, D Dabusci, F Anulli, A Courau, ... Nucl. Instrum. Methods Phys. Res.	2	1993
Erratum: Charge and transition densities for the samarium isotopes by electron scattering MA Moinester, J Alster, G Azuelos, JB Bellicard, B Frois, M Huet, ... Physical Review C 25 (4), 2137	2	1982
First test of E781 Photon calorimeter readout V Steiner, MA Moinester, A Ocherashvili, S Gerzon, S Kananov, P Cooper, ... E781 H-note 712	2	
Testing the (time) 1/4 diffusion law of rehydroxylation in fired clays: evidence for single-file diffusion in porous media? VJ Hare	1	2016
Fizz-ball Fizzics M Moinester, L Gerland, G Liger-Belair, A Ocherashvili The Physics Teacher 50 (5), 284-287	1	2012
Polarization of Λ^0 and $\bar{\Lambda}^0$ inclusively produced by 610-GeV/c Σ^- and 525-GeV/c proton beams JL Sanchez-Lopez, S Ozkorucuklu, Y Onel, M Luksys, A Morelos Pineda, ...	1	2007

TITLE	CITED BY	YEAR
Hybrid Meson Production via Pion Scattering from the Nuclear Coulomb Field M Moinester arXiv preprint hep-ex/0301023	1	2003
Pion polarizabilities at CERN COMPASS M Moinester arXiv preprint hep-ex/0206038	1	2002
Two-Meson and Multi-Pion Final States from 600 Gev Pion Interactions MA Moinester arXiv preprint nucl-th/9405024	1	1994
Radiative decay of the Δ resonance: Analyzing powers for $\pi^- p \rightarrow \gamma n$ JC Staško, B Bassalleck, EC Booth, MB Chertok, D Healey, ... Physical Review Letters 72 (7), 973	1	1994
A Dependence of the Excitation Energy, Width, and Cross Section of the Isovector Monopole Resonance JD Bowman, HW Baer, MD Cooper, NSP King, HS Matis, E Piassetzky, ... Le Journal de Physique Colloques 45 (C4), C4-351-C4-355	1	1984
MEASUREMENT OF THE CA-40, CA-42, CA-44, CA-48 (π^+, π^0) REACTIONS HW Baer, RE Anderson, JD Bowman, MD Cooper, FH Cverna, ... BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 26 (4), 607-607	1	1981
PION-NUCLEAR INELASTIC-SCATTERING AT 50 MEV F Milder, M BLECHER, K GOTOW, D JENKINS, P ROBERSON, ... BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 22 (4), 525-525	1	1977
Pion single charge exchange (π^+, π^0) on ^{13}C and ^{11}B from 30 to 90 MeV M Zaider, J Alster, D Ashery, S Cochavi, MA Moinester, AI Yavin Tel Aviv Univ.(Israel). Dept. of Physics and Astronomy	1	1973
The E781 Calorimeter Light Monitor System M Moinester, V Steiner, S Gerzon, M Zilka, A Ocherashvili, M Balatz, ... FNAL E781 H-note 688	1	
Compton scattering off pions and electromagnetic polarizabilities M Moinester, S Scherer International Journal of Modern Physics A 34 (16), 1930008		2019
Pion Polarizability Review M Moinester Proceedings of the 8th International Conference on Quarks and Nuclear ...		2019
Pion Polarizability Status Report M Moinester arXiv preprint arXiv:1709.05159		2017
MEASUREMENT OF RADON DIFFUSION LENGTH IN THIN MEMBRANES (vol 150, pg 434, 2012) A Malki, N Lavi, M Moinester, H Nassar, E Neeman, E Piassetzky, V Steiner RADIATION PROTECTION DOSIMETRY 162 (3), 427-427		2014

TITLE	CITED BY	YEAR
Health and environmental concerns on the radioactivity of phosphogypsum storage in Israel D Godfrey-Smith, H Nassar, M Moinester, J Kronfeld, A Malki, V Steiner		2014
Health Impact of Uranium in Phosphate Fertilizers-Assessing the radiological impact of using Israeli phosphate fertilizers: A critical review M Moinester, J Kronfeld		2014
Pion Polarizability at CERN COMPASS M Moinester The European Physical Society Conference on High Energy Physics 180, 085		2014
First measurement of chiral dynamics in $\pi^- \gamma \rightarrow \pi^- \pi^- \pi^+$ G Baum, N Doshita, F Gautheron, S Goertz, C Hess, Y Kisselev, ... Physical Review Letters 108 (19), 192001-192001		2012
Collins and Sivers asymmetries for pions and kaons in muon-deuteron DIS COMPASS Collaboration M Alekseev, VY Alexakhin, Y Alexandrov, GD Alexeev, A Amoroso, ...		2009
ШЧЫЫС Ф Х ЫЭЪ Х ЦЬЫ Ч Ш з Ъ ЧХШ ЫЫ M Moinester, J Pochodzalla, A Sandacz arXiv preprint hep-ex/0212047		2008
Confirmation of the doubly charmed baryon $\{\chi\}_{cc}^{\sup+}(3520)$ via its decay to $pD^{\sup+} K^{\sup-}$ A Ocherashvili, MA Moinester, J Russ, J Engelfried		2005
Measurement of the π^+-meson polarizabilities via the $\gamma p \rightarrow \gamma \pi^+ n$ reaction DL Hornidge, R Beck, D Krambrich, M Rost, T Walcher, SN Cherepnya, ... Bulletin of the American Physical Society		2005
A new determination of the $\{\gamma\}\{\pi\}\{\text{yields}\}\{\pi\}\{\pi\}$ anomalous amplitude via $\{\pi\} e^{\sup-}\{\text{yields}\} \pi^{\sup-} e^{\sup-}\{\pi\}^{\sup 0}$ data I Giller, A Ocherashvili, MA Moinester, T Ebertshaeuser, S Scherer		2005
A new determination of the $\frac{F_2^{\pi^+}}{F_2^p} \propto \zeta \hat{O} \hat{A} \hat{E} \propto \zeta \propto \zeta$ anomalous amplitude via $\zeta e^{\sup-} \hat{O} \hat{A} \hat{E} \propto \zeta$-$e^{\sup-} \zeta 0$ data I Giller, A Ocherashvili, T Ebertshaeuser, MA Moinester, S Scherer EUROPEAN PHYSICAL JOURNAL A HADRONS AND NUCLEI 25 (2), 229		2005
Measurement of the $\{\pi\}^{\sup+}$-meson polarizabilities via the $\{\gamma\} p \{\text{yields}\} \{\gamma\}\{\pi\}^{\sup+} n$ reaction J Ahrens, HJ Arends, R Beck, G Caselotti, D Drechsel, D Krambrich, ...		2005
Confirmation of the Double Charm Baryon Ξ_{cc}^+ via its Decay to $p D^+ K$ A Ocherashvili, MA Moinester, J Russ, J Engelfried, I Torres, ... arXiv preprint hep-ex/0406033		2004
Upper limit on the decay $S(1385)^+ \rightarrow S^+ c$ and cross section for $c \rightarrow S^+ \rightarrow L^+ p^+$-[rapid communication] SELEX Collaboration, VV Molchanov, G Alkhazov, AG Atamantchouk, ... Physics Letters B 590, 161-169		2004
Measurements of π and K Polarizability @ COMPASS ML Colantoni, R Kühn, R Bertini, AN Skachkova, AG Olshevskii, ... CERN		2004

TITLE	CITED BY	YEAR
Doubly charmed baryons in COMPASS L Schmitt, S Paul, R Kuhn, MA Moinester arXiv preprint hep-ex/0310049		2003
HYBRID MESON PRODUCTION VIA ULTRA-PERIPHERAL PION SCATTERING FROM A VIRTUAL PHOTON TARGET M Moinester arXiv preprint hep-ex/0301023		2003
Color transparency at COMPASS via exclusive coherent vector meson production M Moinester, OA Grajek, E Piasetzky, A Sandacz arXiv preprint hep-ex/0212061		2002
First measurement of $\{\pi\}^{\text{sup-}} e \{\text{yields}\}\pi^{\text{sup-}} e \{\text{gamma}\}$ pion virtual compton scattering A Ocherashvili, I Giller, MA Moinester, V Steiner, G Alkhazov, ...		2002
Stabilized dye laser for crystal electromagnetic calorimeter monitoring A Fedorov, M Korzhik, A Lopatik, A Singovski, JP Peigneux, MA Moinester, ... Nuclear Instruments and Methods in Physics Research Section A: Accelerators ...		2002
Measurement of the radon exhalation rate from building materials V Steiner, E Neeman, K Kovler, A Perevalov, E Piasetzki, M Moinester, ...		2002
Color transparency via coherent exclusive $\{\rho\}^{\text{sup 0}}$ production M Moinester, OA Grajek, E Piasetzky, A Sandacz		2002
First observation of the doubly charmed baryon Ξ_{cc}^+ GP Thomas, E Gülmez, M Mattson, R Edelstein, SY Jun, AI Kulyavtsev, ... Physical Review Letters 89 (11), 112001-112001		2002
Pion generalized dipole polarizabilities by virtual Compton scattering $\{\pi\} e \{\text{yields}\}\pi e \{\text{gamma}\}$ C Unkmeir, T Fuchs, S Scherer, A Ocherashvili, MA Moinester		2002
First Measurement of $\pi\text{-}e \rightarrow p\text{-}e \text{ gamma}$ Pion Virtual Compton Scattering M MOINESTER, S Collaboration, LGR EMEDIATO, L EMEDIATO, ... Hep Ex 0109003		2001
Measurement of the σ^- charge radius by σ^--electron elastic scattering GP Thomas, E Gülmez, R Edelstein, SY Jun, AI Kulyavtsev, ... Physics Letters. Section B: Nuclear, Elementary Particle and High-Energy ...		2001
Observation of the Cabibbo-Suppressed Decay $\xi_c^+ \pi K^- \pi^+$ AG Dolgolenko, E Gülmez, SY Jun, R Edelstein, E Gottschalk, ... Physical Review Letters 84 (9), 1857-1861		2000
INELASTIC ELECTRON-PION SCATTERING AT FNAL MA MOINESTER, A OCHERASHVILI, V STEINER Baryons' 98-Proceedings Of The 8th International Conference On The Structure ...		1999
Kaon Radiative Decay $K^+ \rightarrow \mu^+ \nu \text{ gamma}$ at CKM at the Fermilab Main Injector C Milstene, PS Cooper, MA Moinester arXiv preprint hep-ex/9803033		1998

TITLE	CITED BY	YEAR
Kaon radiative decay $K^+ \rightarrow \mu \nu \gamma$ at CKM at the Fermilab main injector C Milstene, PS Cooper, MA Moinester Talk given at		1998
SELEX in a Nutshell J Russ, P Cooper, J Lach, M Moinester, I Giller, V Steiner, A Ocherashvili		1997
Radiative corrections for pion polarizability experiments MA Moinester		1994
On the search for exotic hadrons in the experiments with high energy hyperon beam GL Landsberg, MA Moinester, MA Kubantsev SCAN-9410002		1994
First measurement of the reaction $^3\text{He}(\gamma, p)^2\text{He}$ with polarized photons C Ruth, GS Adams, H Baghaei, A Caracappa, WB Clayton, A D'Angelo, ... Physical Review Letters;(United States) 72 (5)		1994
Precision measurements of two-photon reactions at DAPHNE G Alexander, S Bellucci, P Tini-Brunozzi, G Giordano, I Cohen, F Anulli, ... Prepared for, 219-221		1993
Pion absorption in ^3He at 37 Mev H Hahn, D Ashery, MA Moinester Bulletin of the American Physical Society 38 (9), 1859. e		1993
$p(\gamma, \pi^0)$ reaction and the E 2 excitation of the Δ G Blanpied, M Blecher, A Caracappa, C Djalali, M Duval, G Giordano, ... Physical Review Letters;(United States) 69 (13)		1992
K^+ total cross sections on ^{12}C and medium effects in nuclei RA Krauss, J Alster, D Ashery, S Bart, RE Chrien, JC Hiebert, RR Johnson, ... Physical Review, C (Nuclear Physics);(United States) 46 (2)		1992
The Quadrupole Amplitude in the 2_1N, A Transition AM Bernstein, S Nozawa, MA Moinester Proceedings of the Workshop on Hadron Structure from Photo-reactions at ...		1992
Δ components in the ^3He ground state MA Moinester, HJ Lipkin		1992
New $p(\gamma, \pi^0)$ results from LEGS and the quadrupole excitation of the Δ AM Sandorfi, BM Freedom, ST Thornton, MA Khandaker, G Giordano, ... Prepared for Baryons' 92: International Conference on the St, 111-118		1992
New measurements of the $p(\gamma, \pi^0)$ reaction at LEGS MA Khandaker, M Blecher, X Zhao, GS Blanpied, C Djalali, MA Duval, ...		1992
Spin-flip isovector giant resonances from the $^{90}\text{Zr}(n, p)^{90}\text{Y}$ reaction at 198 MeV KJ Raywood, BM Spicer, S Yen, SA Long, MA Moinester, R Abegg, ... Physical Review, C (Nuclear Physics);(USA) 41 (6)		1990

TITLE	CITED BY	YEAR
Electric and magnetic polarizabilities of hadrons via elastic Compton scattering at KAON MA Moinester, M Blecher TRIUMF		1990
180 degree electron scattering from sup 14 C MA Plum, RA Lindgren, J Dubach, RS Hicks, RL Huffman, B Parker, ... Physical Review (Section) C: Nuclear Physics;(USA) 40 (5)		1989
Analyzing-power measurement in rvec pnr arrow. pi. sup minus pp (sup 1 S sub 0): Pion absorption by quark clusters C Ponting, DA Hutcheon, MA Moinester, PL Walden, DR Gill, RR Johnson, ... Physical Review Letters;(USA) 63 (17)		1989
Reaction sup 3 He (. pi. sup+, pp) p at T sub. pi.= 350 and 500 MeV LC Smith, RC Minehart, D Ashery, E Piasetsky, M Moinester, I Navon, ... Physical Review (Section) C: Nuclear Physics;(USA) 40 (3)		1989
Isovector spin resonances in ⁹⁰Y from the ⁹⁰Zr(n,p)⁹⁰Y reaction at 198 MeV KJ Raywood, SA Long, BM Spicer, S Yen, KP Jackson, MA Moinester, ... AIP Conference Proceedings 176 (1), 1148-1150		1988
PION ABSORPTION ON THE DIPROTON-RESPOND MA MOINESTER, E PIASETZKY, D ASHERY, GA MILLER, A GAL PHYSICAL REVIEW LETTERS 58 (8), 841-841		1987
Quark clusters in pion absorption MA Moinester AIP Conference Proceedings 150 (1), 636-639		1986
Pion absorption on/sup 3/He at T/sub. pi./= 62. 5 and 82. 8 MeV KA Aniol, A Altman, RR Johnson, HW Roser, R Tacik, U Wienands, ... Phys. Rev. C;(United States) 33 (5)		1986
Isospin dependence of pion absorption by ¹²C at T_{pi} = 65 MeV HW Roser, B Barnett, RR Johnson, J Vincent, R Tacik, J Lichtenstadt, ... CM-P00067338		1984
Coincidence studies of pi+ absorption on ³He at T_{pi} = 65 and 85 MeV KA Aniol, D Ashery, RR Johnson, J Vincent, R Tacik, D Gill, U Wienands, ... CM-P00067341		1984
The pi- + ³He --> n + d reaction at 65 and 85 MeV KA Aniol, B Barnett, RR Johnson, R Tacik, J Lichtenstadt, D Gill, ... CM-P00067342		1984
Isoscalar and isovector M4 spin transitions in/sup 14/C MA Plum, RA Lindgren, J Dubach, RS Hicks, RL Huffman, B Parker, ...		1984
THE PI-HE-3---> ND REACTION AT 65-MEV AND 85-MEV K Aniol, RR Johnson, R Tacik, W Gyles, HP Gubler, J Vincent, H Roser, ...		1984
ABSORPTION OF PI-ON AT= 1 PAIR IN HE-3 AT T (PI)= 65-GEV AND 85-MEV A Altman, RR Johnson, R Tacik, HW Roser, U Wienands, J Vincent, ...		1984

TITLE	CITED BY	YEAR
COINCIDENCE STUDIES OF π^+ ABSORPTION ON HE-3 AT T (π)= 65-MEV AND 85-MEV K Aniol, RR Johnson, R Tacik, U Wienands, H Roser, A Altman, J Vincent, ...		1984
Elastic scattering of π^+/π^- from ^{40}Ca at 64.8 MeV SH Dam, RD Edge, BM Preedom, M Hamm, RL Burman, R Carlini, ... Phys. Rev. C;(United States) 25 (5)		1982
Energy dependence of the small-angle differential cross sections to isobaric analog states in ^7Li (π^+/π^0)/^7Be and ^{13}C (π^+/π^0 ... A Doron, J Alster, A Erell, S Gilad, MA Moinester, RA Anderson, HW Baer, ... Phys. Rev. Lett.:(United States) 48 (15)		1982
^3He (π^-/π^0) reaction at T/π= 200 MeV MD Cooper, HW Baer, JD Bowman, FH Cverna, RH Heffner, CM Hoffman, ... Phys. Rev. C;(United States) 25 (1)		1982
MEASUREMENT OF THE HE-3 (π^-, π^0) REACTION AT T-π= 200 MEV MD COOPER, HW BAER, JD BOWMAN, FH CVERNA, RH HEFFNER, ... BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 26 (4), 581-581		1981
MEASUREMENT OF CA-48, CA-44, CA-42, CA-40 (π^+, π^0) REACTIONS.(TALK, ABSTRACT ONLY) HW Baer, G Hogan, MJ Leitch, F Cverna, NSP King, RE Anderson, ...		1980
PION SINGLE CHARGE EXCHANGE ON CARBON ISOTOPES.(TALK, ABSTRACT ONLY) CD Goodman, G Hogan, MJ Leitch, F Cverna, M Moinester, NSP King, ...		1980
MEASUREMENTS OF ANGULAR-DISTRIBUTIONS FOR THE π^{++} D-] P^+ P REACTION IN THE ENERGY-RANGE FROM 20 TO 65 MEV B RITCHIE, FE BERTRAND, M BLECHER, RL BURMAN, R CARLINI, ... BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 25 (4), 559-559		1980
π-D SINGLE-CHARGE-EXCHANGE REACTION-(π-D, π-O) 2N DR GIEBINK, WR GIBBS, MA MOINESTER BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 25 (1), 47-48		1980
π^+ and π^- elastic scattering from ^{40}Ca at 65 MeV SH Dam, RD Edge, BM Preedom, FE Bertrand, EE Gross, M Blecher, ... AIP Conference Proceedings 54 (1), 525-526		1979
ANGULAR-DISTRIBUTION MEASUREMENTS FOR LI-7 (π^+ π^0) BE-7 AND C-13 (π^+ π^0) N-13 (IAS) J ALSTER, A DORON, S GILAD, MA MOINESTER, H BAER, JD BOWMAN, ... BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 24 (4), 687-687		1979
OBSERVATION OF ISOBARIC ANALOG STATES IN π^+, π^0 REACTIONS ON AL-27, NI-58, ZR-90, SN-120 AND PB-208 H BAER, D BOWMAN, M COOPER, F CVERNA, C HOFFMAN, N KING, ... BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 24 (4), 670-670		1979
π^+ AND π-SCATTERING FROM CA-40 AT 65-MEV SH DAM, RD EDGE, BM PREEDOM, RL BURMAN, ME HAMM, ... BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 24 (4), 687-687		1979

TITLE	CITED BY	YEAR
Elastic scattering of positive pions on/sup 1/6O at 40. 0 and 49. 7 MeV DJ Malbrough, CW Darden, RD Edge, T Marks, BM Preedom, RL Burman, ... Phys. Rev., C;(United States) 17 (4)		1978
ELASTIC-SCATTERING OF POSITIVE PIONS AT 30 MEV FE BERTRAND, M BLECHER, RL BURMAN, TP CLEARY, CW DARDEN, ... BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 23 (1), 80-80		1978
POSITIVE PION-NUCLEUS ELASTIC-SCATTERING AT 40 MEV FE BERTRAND, M BLECHER, RL BURMAN, TP CLEARY, S DAM, ... BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 23 (1), 81-81		1978
Tests of 5-inch Venetian-blind-type photomultiplier tubes.[For lead glass Cherenkov counters] S Gilad, HW Baer, MD Cooper, MA Moinester Los Alamos Scientific Lab., NM (USA)		1977
YIELDS OF C-11 AND N-13 FROM PI-STOPPED IN C, N, O LF MAUSNER, MA MOINESTER, JD KNIGHT, SS FRIEDLAND, ... BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 22 (4), 547-547		1977
Tests of 5-inch Venetian-blind-type photomultiplier tubes S Gilad, HW Baer, MD Cooper, MA Moinester Los Alamos Scientific Lab.		1977
PION-DEUTERON SINGLE-CHARGE-EXCHANGE REACTION D (PI-, PI0) 2N JD BOWMAN, WR GIBBS, MA MOINESTER, GJ STEPHENSON BULLETIN OF THE AMERICAN PHYSICAL SOCIETY 22 (4), 525-525		1977
Gamma rays following the interaction of 70 MeV pions with S-D shell nuclei M Zaider, D Ashery, S Cochavi, S Gilad, MA Moinester, Y Shamai, ... AIP Conference Proceedings 33 (1), 307-309		1976
Elastic and inelastic electron scattering in samarium isotopes J Alster, JB Bellicard, S Cochavi, A Guterman, N Haik, M Huet, P Leconte, ...		1976
Measurements of the (π^+, π^0) reaction on light elements in the (3, 3)-resonance region Y Shamai, J Alster, D Ashery, S Cochavi, MA Moinester, AI Yavin, ... Phys. Rev. Lett., v. 36, no. 2, pp. 82-85		1976
Detection of He ions in the interaction of 70-MeV π^+ with aluminum A Doron, J Julien, MA Moinester, A Palmer, AI Yavin Phys. Rev. Lett., v. 34, no. 8, pp. 485-487		1975
Interaction of the 70 MeV π^+ with Na^{23}, Mg^{24}, P^{31}, S^{32}, K^{39}, and Ca^{40} M Zaider, S Gilad, D Ashery, S Cochavi, MA Moinester Bulletin of the Israel Physical Society 21		1975
Studies of elastic and inelastic electron scattering on the even samarium isotopes N Haik, J Alster, A Guterman, MA Moinester, JB Bellicard, P Leconte, ... Bulletin of the Israel Physical Society 21		1975

TITLE	CITED BY	YEAR
Study of the (π^+, π^0) reaction on light elements with $E_{\text{sub}}(\pi^+) = 30$ to 230 mev		1975
S Cochavi, J Alster, D Ashery, MA Moinester, Y Shamai, AI Yavin, ... Bulletin of the Israel Physical Society 21		
Study of the $^{92}\text{Zr}(d, \alpha)^{90}\text{Y}$ and $^{94}\text{Zr}(d, \alpha)^{92}\text{Y}$ reactions		1974
S Gilad, S Cochavi, MA Moinester, J Alster, M Buenerd, P Martin Nucl. Phys., A, v. 233, no. 1, pp. 81-90		
Study of the $^{91}\text{Zr}(d, ^3\text{He})^{90}\text{Y}$ reaction		1974
S Cochavi, S Gilad, MA Moinester, J Alster, M Buenerd, P Martin Nucl. Phys., A, v. 233, no. 1, pp. 73-80		
$(\pi^+ - \pi^0, \pi^0 N)$ knockout reactions on ^{14}N from 50 to 90 MeV		1974
M Zaider, J Alster, D Ashery, S Cochavi, MA Moinester, AI Yavin Phys. Rev., C, v. 10, no. 2, pp. 938-940		
Interaction of positive and negative pions with ^{27}Al and ^{28}Si		1974
D Ashery, M Zaider, Y Shamai, S Cochavi, MA Moinester, AI Yavin, ... Phys. Rev. Lett., v. 32, no. 17, pp. 943-946		
Interaction of positive and negative pions with ^{27}Al and ^{28}Si		1974
D Ashery, AI Yavin, S Cochavi, Y Shamai, J Alster, MA Moinester, ... SIS-74-1723		
STUDY OF $^{91}\text{Zr}(d, ^3\text{He})^{90}\text{Y}$ REACTION		1974
S COCHAVI, S GILAD, MA MOINESTER, J ALSTER, M BUENERD, ... NUCLEAR PHYSICS A, 73-80		
Pion charge exchange reactions		1974
M Zaider, J Alster, D Ashery, N Auerbach, S Cochavi, MA Moinester, ... High-energy physics and nuclear structure		
$(\pi^+ - \pi^0, \pi^0 N)$ knockout reactions on ^{12}C from 30 to 90 MeV		1973
MA Moinester, M Zaider, J Alster, D Ashery, S Cochavi, AI Yavin Phys. Rev., C, v. 8, no. 6, pp. 2039-2042		
The $(\pi^+, \pi^0 N)$ knockout reactions on ^{12}C from 30 to 90 Mev		1973
J Alster, D Ashery, S Cochavi, MA Moinester, AI Yavin, M Zaider Tel Aviv Univ.(Israel). Dept. of Physics and Astronomy		
PION CHARGE EXCHANGE REACTIONS.(TALK)		1973
M Zaider, AI Yavin, S Cochavi, N Auerbach, MA Moinester, D Ashery, ...		
Pion charge exchange reactions		1973
J Alster, D Ashery, N Auerbach, S Cochavi, MA Moinester, J Warszawski, ...		
The reactions $^{12}\text{C}(\pi^+, p)^{10}\text{C}$ and $^{12}\text{C}(\pi^+, \pi^0 N)^{11}\text{C}$ from 30 to 90 MeV		1973
J Alster, D Ashery, S Cochavi, MA Moinester, Y Shamai, AI Yavin, ...		
Neutron hole states in ^{91}Mo and ^{93}Mo studied by the (p, d) reaction.		1973
MA Moinester, G Finkel, J Alster, P Martin Nucl. Phys., A 202: No. 3, 473-496 (1973).		

TITLE	CITED BY	YEAR
<i>sup</i>92 Mo (p, t) <i>sup</i>90 Mo REACTION AT 40 MeV.		1971
A Moalem, MA Moinester, J Alster, Y Dupont, M Chabre Phys. Lett. 34B: 392-4 (15 Mar 1971).		
NUCLEAR STRUCTURE STUDY WITH MO-94 (P, T) MO-92 REACTION		1971
A MOALEM, MA MOINESTER, N AUERBACH, J ALSTER, Y DUPONT NUCLEAR PHYSICS A, 145-+		
NUCLEAR STRUCTURE STUDY WITH THE <i>sup</i>94 Mo (p, t) <i>sup</i>92 Mo REACTION.		1971
A Moalem, MA Moinester, N Auerbach, J Alster, Y Dupont Nucl. Phys. A177: No. 1, 145-60 (1971).		
THE STRUCTURE OF <i>sup</i>36 Ar AND <i>sup</i>38 Ar VIA THE (<i>sup</i>3 He, d) REACTION ON <i>sup</i>35 Cl AND <i>sup</i>37 Cl.		1970
MA Moinester, WP Alford Nucl. Phys. A145: 143-76 (1970).		
DETERMINATION OF THE $f_{7/2-d_{3/2}}$/EFFECTIVE INTERACTION USING MULTIPOLE SUM RULE METHODS.		1970
MA Moinester, WP Alford Nucl. Phys. A144: 305-20 (1970).		
STRUCTURE OF AR-36 AND AR-38 VIA (HE-3, D) REACTION ON CL-35 AND CL-37		1970
MA MOINESTER, WP ALFORD NUCLEAR PHYSICS A, 143-+		
A determination of the $f_{7/2-d_{3/2}}$ effective interaction using multipole sum rule methods(Multiple sum calculations for estimating matrix elements of nucleon-nucleon ...		1969
WP ALFORD, MA MOINESTER		
The (HELIUM-3, DEUTERON) Reaction on CHLORINE-35, CHLORINE-37 and the Structure of ARGON-36 and ARGON-38.		1969
MA Moinester		
The (3He, D) Reaction on 35CL and 37CL and the Structure of 36AR and 38AR.		1969
MA Moinester University of Rochester. Department of Physics and Astronomy		
The structure of Ar 36 and Ar 38 via the/He 3, d/ reaction on Cl 35 and Cl 37(Deuteron angular distributions measured for argon excitation)		1969
WP ALFORD, MA MOINESTER		
The(³ He, d) reaction on³⁵ CL and³⁷ CL and the structure of³⁶ AR and³⁸ AR.		1968
MA Moinester University of Rochester. Dept. of Physics and Astronomy.		
Multipole Sum Rule Analysis of Single Nucleon Transfer Reactions on		1966
MA Moinester University of Rochester, Department of Physics and Astronomy		
Measurements of Pion and Kaon Polarizability...-Compass-CERN		
M Colantoni, F Balestra, R Bertini, MP Bussa, O Denisov, A Dolgoplov, ...		

TITLE	CITED BY	YEAR
Health Impact of Uranium in Phosphate Fertilizers M Moinester, J Kronfeld		
Researches with the 600MeV Linac. Chapter 4 J Alster, JB Bellicard, JM Cavedon, S Cochavi, B Frois, N Haik, M Huet, ...		
Pion induced nuclear reactions. Study of deexcitation γ spectra D Ashery, J Alster, S Cochavi, M Moinester, A Yavin		
Absorption of π^- on a T=1 pair in ^3He at $T_{\text{sub}}(\pi)=65$ and 85 MeV A Altman, KA Aniol, RR Johnson, HW Roser, R Tacik, U Wienands, ...		
A MEASUREMENT OF THE DIFFERENTIAL CROSS SECTION FOR $\text{PI}^- \rightarrow \text{PI}^0 \text{N}$ AT 0 AND 180 DEGREES IN THE MOMENTUM REGION 471-687 MEV/C ME Sadler, MF Taragin, DI Sober, N Stein, MA Moinester		
Experimental study of pion single charge exchange on ^{91}Zr Y Shamai, J Alster, D Ashery, AI Yavin, ED Arthur, RL Burman, ...		
Testing the (time) 1/4 quartic root diffusion law of ceramics rehydroxylation M Moinester		
Contribution to the APS DNP Town Meeting on Electromagnetic & Hadronic Physics Dec. 2000, Jefferson Lab. MA Moinester		
APPENDIX 5.1: X-RAY FLUORESCENCE (XRF) MEASUREMENTS OF RED INK ON A TEL MALHATA OSTRACON Y Nir-El, Y Goren, E Piasetzky, M Moinester, B Sober		
Pion Generalized Dipole Polarizabilities by Virtual Compton Scattering $e! e$ C Unkmeir, A Ocherashvili, T Fuchs, MA Moinester, S Scherer		
COMPASS: The Common Muon Proton Apparatus for Structure and Spectroscopy J ZHAO, Y ZLOBIN, L SINHA, A ZVYAGIN, K KONDO, M ZAVERTIAEV, ...		
APPENDIX 5.2: MULTISPECTRAL IMAGING OF TEL MALHATA OSTRACA S Faigenbaum, B Sober, M Moinester, E Piasetzky, G Bearman		
Charged particle emission in pion-nucleus (π, x) interaction J Barbarino, A Doron, J Julien, M Moinester, A Palmeri, Y Yavin		
Isospin dependence of pion absorption by ^{12}C at $T_{\text{sub}}(\pi)=65$ MeV HW Roser, A Altman, KA Aniol, RR Johnson, R Tacik, W Gyles, B Barnett, ...		
PION-INDUCED PION PRODUCTION ON DEUTERONS C Bordner, HJ Ziock, SA Wood, MA Moinester, D Roberts, DA Clark		
A SEARCH FOR NEUTRINO MIXING VIA NONEXPONENTIAL $\text{PI}^- \rightarrow \text{MU NU}$ DECAY JD Bowman, MA Moinester		

TITLE	CITED BY	YEAR
First Test of Photon-1 Detector and Readout Using the Laser Monitoring System		
V Steiner, MA Moinester, A Ocherashvili, M Kubantsev, D Mao, J Russ		
The fundamental scientific questions addressed		
M MOINESTER		
Study of the pion-nucleus interaction by measurement of the residual nucleus de-excitation		
S Ashery, S Cochavi, S Gilad, MA Moinester, Y Shamaï, Al Yavin, ...		
Coincidence studies of π^+ absorption on ^3He at $T_{\text{sub}}(\pi)=65$ and 85 MeV		
K Aniol, A Altman, H Roser, R Tacik, RR Johnson, U Wienands, D Gill, ...		
School of Physics and Astronomy, R. and B. Sackler Faculty of Exact Sciences, Tel Aviv University, 69978 Tel Aviv, Israel S. Scherer U. Mainz.		
AND by a New, I Giller, MA Moinester		
Elastic and inelastic electron scattering on the even samarium isotopes		
MA Moinester, N Haik, J Alster, G Azuelos, JB Bellicard, B Frois, ...		
A MEASUREMENT OF THE CROSS SECTION AND ANALYZING POWER OF THE $\text{PN} \rightarrow \text{PP}$ (1S0) PI-REACTION AT TRIUMF ENERGIES		
RR Johnson, E Korkmaz, ME Sevier, MA Moinester, PL Walden		