Moo Hyun Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4350377/publications.pdf

Version: 2024-02-01

222 papers	6,766 citations	109137 35 h-index	66788 78 g-index
223 all docs	223 docs citations	223 times ranked	6239 citing authors

#	Article	IF	Citations
1	Growth, optical, and luminescence characterization of LiCsMoO4 crystal. Journal of Crystal Growth, 2022, 580, 126466.	0.7	1
2	The environmental monitoring system at the COSINE-100 experiment. Journal of Instrumentation, 2022, 17, T01001.	0.5	6
3	Scintillation characteristics of a NaI(Tl) crystal at low-temperature with silicon photomultiplier. Journal of Instrumentation, 2022, 17, P02027.	0.5	4
4	Luminescence and scintillation properties of ZnMo1-xWxO4 crystal. Radiation Measurements, 2022, 153, 106744.	0.7	0
5	An MMC-based cryogenic calorimeter with a massive sodium molybdate crystal absorber for neutrinoless double beta decay searches. Journal of Instrumentation, 2022, 17, P04004.	0.5	2
6	A feasibility study of extruded plastic scintillator embedding WLS fiber for AMoRE-II muon veto. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1039, 167123.	0.7	3
7	Development of an array of fourteen HPGe detectors having 70% relative efficiency each. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 989, 164954.	0.7	5
8	Measurement of the cosmic muon annual and diurnal flux variation with the COSINE-100 detector. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 013-013.	1.9	10
9	Measurement of the background activities of a Â100Mo-enriched powder sample for an AMoRE crystal material by using fourteen high-purity germanium detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 992, 165020.	0.7	2
10	Crystal growth, optical, luminescence and scintillation characterization of Li2Zn2(MoO4)3 crystal. Journal of Alloys and Compounds, 2021, 860, 158510.	2.8	6
11	Lowering the energy threshold in COSINE-100 dark matter searches. Astroparticle Physics, 2021, 130, 102581.	1.9	17
12	Performance of the ISS-CREAM calorimeter in a calibration beam test. Astroparticle Physics, 2021, 130, 102583.	1.9	2
13	The COSINE-100 liquid scintillator veto system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1006, 165431.	0.7	13
14	Identification of new isomers in ^{228}Ac: impact on dark matter searches. European Physical Journal C, 2021, 81, 1.	1.4	0
15	Background modeling for dark matter search with 1.7Âyears of COSINE-100 data. European Physical Journal C, 2021, 81, 1.	1.4	16
16	Optical properties of the Czochralski grown Cs2MoO4 crystal. Optik, 2021, 242, 167035.	1.4	2
17	Strong constraints from COSINE-100 on the DAMA dark matter results using the same sodium iodide target. Science Advances, 2021, 7, eabk2699.	4.7	27
18	A search for solar axion induced signals with COSINE-100. Astroparticle Physics, 2020, 114, 101-106.	1.9	6

#	Article	IF	Citations
19	Study of cosmogenic radionuclides in the COSINE-100 NaI(Tl) detectors. Astroparticle Physics, 2020, 115, 102390.	1.9	13
20	Czochralski growth, electronic structure, luminescence and scintillation properties of Cs2Mo3O10: A new scintillation crystal for 0Î½Î²Î² decay search. Journal of Alloys and Compounds, 2020, 821, 153466.	2.8	17
21	$$hbox {Li}_2hbox {MoO}_4$$ Phononâ€“Scintillation Detection Systems with MMC Readout. Journal of Low Temperature Physics, 2020, 199, 1082-1088.	0.6	9
22	A facility for mass production of ultra-pure NaI powder for the COSINE-200 experiment. Journal of Instrumentation, 2020, 15, C07031-C07031.	0.5	7
23	A cryogenic setup for multifunctional characterization of luminescence and scintillation properties of single crystals. Review of Scientific Instruments, 2020, 91, 103108.	0.6	9
24	Preparation of Extra-pure Na2CO3 Powder with Crystallization Techniques for Low-Background Scintillation Crystal Growth. Inorganic Materials, 2020, 56, 867-874.	0.2	0
25	Measurement of the Background Activities of a 100Mo-enriched Powder Sample for an AMoRE Crystal Material by Using a Single High-Purity Germanium Detector. Journal of the Korean Physical Society, 2020, 76, 1060-1066.	0.3	3
26	Radioassay and Purification for Experiments at Y2L and Yemilab in Korea. Journal of Physics: Conference Series, 2020, 1468, 012249.	0.3	11
27	AMoRE: a search for neutrinoless double-beta decay of ¹⁰⁰Mo using low-temperature molybdenum-containing crystal detectors. Journal of Instrumentation, 2020, 15, C08010-C08010.	0.5	19
28	Growth and development of pure Li₂MoO₄ crystals for rare event experiment at CUP. Journal of Instrumentation, 2020, 15, C07035-C07035.	0.5	8
29	Improved intensities for the Î³ transitions with EÎ³>3 MeV from Pb*208. Physical Review C, 2020, 102, .	1.1	1
30	Development of ultra-pure NaI(Tl) detectors for the COSINE-200 experiment. European Physical Journal C, 2020, 80, 1.	1.4	20
31	Status of ultra-pure scintillating crystal growth for rare process experiments by CUP. Journal of Physics: Conference Series, 2020, 1468, 012144.	0.3	4
32	Luminescence properties of TlAlF4 crystal. Journal of Luminescence, 2020, 223, 117197.	1.5	2
33	Characterization of Silver-Doped LiF Crystal Grown by Czochralski Technique for Dark Matter Search Application. IEEE Transactions on Nuclear Science, 2020, 67, 915-921.	1.2	0
34	PbMoO4 Synthesis from Ancient Lead and Its Single Crystal Growth for Neutrinoless Double Beta Decay Search. Crystals, 2020, 10, 150.	1.0	11
35	Optical and mechanical properties of Li2Mg2(MoO4)3 crystal grown by Czochralski method. Optik, 2020, 207, 164430.	1.4	2
36	Simulation studies for neutron and muon-induced backgrounds in AMoRE-II. Journal of Physics: Conference Series, 2020, 1468, 012245.	0.3	1

#	Article	IF	Citations
37	Purification and recovery of ¹⁰⁰MoO₃ in crystal production for AMoRE experiment. Journal of Instrumentation, 2020, 15, C07032-C07032.	0.5	4
38	Pulse-shape Discrimination of Fast Neutron Background using Convolutional Neural Network for NEOS II. Journal of the Korean Physical Society, 2020, 77, 1118-1124.	0.3	7
39	Search for a Dark Matter-Induced Annual Modulation Signal in NaI(Tl) with the COSINE-100 Experiment. Physical Review Letters, 2019, 123, 031302.	2.9	85
40	COSINE-100 and DAMA/LIBRA-phase2 in WIMP effective models. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 048-048.	1.9	12
41	Simulation Study for the Half-Life Measurement of 180mTa Using HPGe Detectors. Journal of the Korean Physical Society, 2019, 75, 32-39.	0.3	4
42	Search for New Molybdenumâ€Based Crystal Scintillators for the Neutrinoâ€Less Double Beta Decay Search Experiment. Crystal Research and Technology, 2019, 54, 1900079.	0.6	19
43	Comparison between DAMA/LIBRA and COSINE-100 in the light of quenching factors. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 008-008.	1.9	12
44	First results from the AMoRE-Pilot neutrinoless double beta decay experiment. European Physical Journal C, 2019, 79, 1.	1.4	80
45	The boronated scintillator detector of the ISS-CREAM experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 943, 162413.	0.7	4
46	NEOS Experiment. Journal of Physics: Conference Series, 2019, 1216, 012004.	0.3	3
47	Measurement of delayed fluorescence in plastic scintillator from 1 to 10 <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e83" altimg="si3.svg"><mml:mi mathvariant="normal">Î¼</mml:mi><mml:mi mathvariant="normal">s</mml:mi></mml:math>. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 942, 162368.	0.7	2
48	Crystal growth, optical and luminescence properties of Na6Mo11O36 single crystal. Journal of Crystal Growth, 2019, 512, 1-5.	0.7	6
49	The ISS-CREAM Silicon Charge Detector for identification of the charge of cosmic rays up to ZÂ=Â26: Design, fabrication and ground-test performance. Astroparticle Physics, 2019, 112, 8-15.	1.9	3
50	Limits on interactions between weakly interacting massive particles and nucleons obtained with NaI(Tl) crystal detectors. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
51	First Direct Search for Inelastic Boosted Dark Matter with COSINE-100. Physical Review Letters, 2019, 122, 131802.	2.9	19
52	Luminescence and scintillation characterization of PbMoO4 crystal for neutrinoless double beta decay search. Radiation Measurements, 2019, 123, 34-38.	0.7	10
53	On-orbit performance of the top and bottom counting detectors for the ISS-CREAM experiment on the international space station. Advances in Space Research, 2019, 64, 2564-2569.	1.2	7
54	Measurement of Switching Performance of Pixelated Silicon Sensor Integrated with Field Effect Transistor. Sensors, 2019, 19, 5580.	2.1	1

#	Article	IF	Citations
55	Simulation study of a pixelated silicon sensor on high resistivity integrated with field effect transistor. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 14-18.	0.7	2
56	Initial performance of the high sensitivity alpha particle detector at the Yangyang underground laboratory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 913, 15-19.	0.7	2
57	An ultra-low radioactivity measurement HPGe facility at the Center for Underground Physics. , 2019, , .		3
58	Measurements of detector material samples with two HPGe detectors at the YangYang Underground Lab.. , 2019, , .		5
59	Initial performance of the COSINE-100 experiment. European Physical Journal C, 2018, 78, 1.	1.4	80
60	Muon detector for the COSINE-100 experiment. Journal of Instrumentation, 2018, 13, T02007-T02007.	0.5	28
61	Growth and Optical Properties of a Cs2Mo2O7 Single Crystal. IEEE Transactions on Nuclear Science, 2018, 65, 2120-2124.	1.2	11
62	A simulation study of Top and Bottom Counting Detectors in ISS-CREAM experiment for cosmic ray electron physics. Advances in Space Research, 2018, 62, 2939-2944.	1.2	1
63	The COSINE-100 data acquisition system. Journal of Instrumentation, 2018, 13, P09006-P09006.	0.5	23
64	Growth, Luminescence and Scintillation Characterization of Disodium Di-tungstate (Na2W2O7) Crystal Scintillator. Journal of the Korean Physical Society, 2018, 73, 1191-1196.	0.3	5
65	Measurement of 137Cs in Ice Core Samples from Antarctica. Journal of the Korean Physical Society, 2018, 73, 1263-1268.	0.3	1
66	The $$hbox {Na}_2hbox {W}_2hbox {O}_7$$ Na 2 W 2 O 7. European Physical Journal C, 2018, 78, 1.	1.4	11
67	An experiment to search for dark-matter interactions using sodium iodide detectors. Nature, 2018, 564, 83-86.	13.7	94
68	Background model for the NaI(Tl) crystals in COSINE-100. European Physical Journal C, 2018, 78, 490.	1.4	49
69	Study of fast neutron detector for COSINE-100 experiment. Journal of Instrumentation, 2018, 13, T06005-T06005.	0.5	6
70	A Study of ^{48depl}Ca¹⁰⁰MoO₄ Scintillation Crystals for the AMoRE-I Experiment. IEEE Transactions on Nuclear Science, 2018, 65, 2041-2045.	1.2	9
71	Luminescence and Scintillation Properties of Novel Disodium Dimolybdate (Na₂Mo₂O₇) Single Crystal. IEEE Transactions on Nuclear Science, 2018, 65, 2125-2131.	1.2	23
72	The results from BESS-Polar experiment. Advances in Space Research, 2017, 60, 806-814.	1.2	11

#	Article	IF	Citations
73	Proton and Helium Spectra from the CREAM-III Flight. Astrophysical Journal, 2017, 839, 5.	1.6	169
74	Sterile Neutrino Search at the NEOS Experiment. Physical Review Letters, 2017, 118, 121802.	2.9	240
75	Study of a generalized birks formula for the scintillation response of a CaMoO4 crystal. Journal of the Korean Physical Society, 2017, 71, 928-933.	0.3	2
76	Precise Measurements of Hydrogen and Helium Isotopes with BESS-Polar II. , 2017, , .		2
77	Measurements of the Proton and Helium Spectra from CREAM-V. , 2017, , .		0
78	Charge resolution of the ISS-CREAM SCD measured with a heavy-ion beam. , 2017, , .		0
79	Performance of the BACCUS Transition Radiation Detector. , 2017, , .		0
80	Measurement of the Cosmic-ray Antiproton spectrum in the range 0.12 to 0.4 GeV with BESS-Polar II. , 2017, , .		0
81	The Cosmic Ray Energetics And Mass for the International Space Station (ISS-CREAM) Instrument. , 2017, , .		0
82	Performance of the ISS-CREAM Calorimeter. , 2017, , .		0
83	Boron And Carbon Cosmic rays in the Upper Stratosphere (BACCUS). , 2017, , .		2
84	Measurement of Cosmic-Ray Nuclei with the Third Flight of the CREAM Balloon-Borne Experiment. , 2017, , .		0
85	Simulation Status of the Top and Bottom Counting Detectors for the ISS-CREAM Experiment. , 2017, , .		0
86	Background study of NaI(Tl) crystals for the KIMS-NaI experiment. Journal of Physics: Conference Series, 2016, 718, 042001.	0.3	0
87	Development of an underground low background instrument for high sensitivity measurements. Journal of Physics: Conference Series, 2016, 718, 062050.	0.3	8
88	Comparison of fast neutron rates for the NEOS experiment. Journal of the Korean Physical Society, 2016, 69, 1651-1655.	0.3	6
89	Scintillation properties of the silver doped lithium iodide single crystals at room and low temperature. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 821, 81-86.	0.7	8
90	A Study of Radioactive Contamination of Crystals for the AMoRE Experiment. IEEE Transactions on Nuclear Science, 2016, 63, 543-547.	1.2	15

#	Article	IF	Citations
91	Scintillation Characterizations of Tin Doped Lithium Iodide Crystals at Room and Low Temperature. IEEE Transactions on Nuclear Science, 2016, 63, 448-452.	1.2	4
92	Development and mass production of a mixture of LAB- and DIN-based gadolinium-loaded liquid scintillator for the NEOS short-baseline neutrino experiment. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 311-316.	0.7	14
93	MEASUREMENTS OF COSMIC-RAY PROTON AND HELIUM SPECTRA FROM THE BESS-POLAR LONG-DURATION BALLOON FLIGHTS OVER ANTARCTICA. Astrophysical Journal, 2016, 822, 65.	1.6	63
94	Pulse Shape Discrimination of Nuclear Recoil and Electron Recoil Events With a NaI(Tl) Crystal for Dark Matter Search. IEEE Transactions on Nuclear Science, 2016, 63, 534-538.	1.2	0
95	Understanding internal backgrounds in NaI(Tl) crystals toward a 200Âkg array for the KIMS-NaI experiment. European Physical Journal C, 2016, 76, 1.	1.4	39
96	Development of an underground HPGe array facility for ultra low radioactivity measurements. AIP Conference Proceedings, 2015, , .	0.3	6
97	Pulse-shape discrimination between electron and nuclear recoils in a NaI(Tl) crystal. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
98	Performances of photodiode detectors for top and bottom counting detectors of ISS-CREAM experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 787, 134-139.	0.7	13
99	Construction and testing of a Top Counting Detector and a Bottom Counting Detector for the Cosmic Ray Energetics And Mass experiment on the International Space Station. Journal of Instrumentation, 2015, 10, P07018-P07018.	0.5	7
100	The Physics of the B Factories. European Physical Journal C, 2014, 74, 1.	1.4	292
101	Cosmic Ray Energetics And Mass for the International Space Station (ISS-CREAM). Advances in Space Research, 2014, 53, 1451-1455.	1.2	47
102	Time variations of cosmic-ray helium isotopes with BESS-Polar I. Advances in Space Research, 2014, 53, 1426-1431.	1.2	6
103	Search for cosmic-ray antiproton origins and for cosmological antimatter with BESS. Advances in Space Research, 2013, 51, 227-233.	1.2	8
104	Cosmic ray 2H/1H ratio measured from BESS in 2000 during solar maximum. Advances in Space Research, 2013, 51, 234-237.	1.2	10
105	Search for Antihelium with the BESS-Polar Spectrometer. Physical Review Letters, 2012, 108, 131301.	2.9	37
106	Measurement of the Cosmic-Ray Antiproton Spectrum at Solar Minimum with a Long-Duration Balloon Flight over Antarctica. Physical Review Letters, 2012, 108, 051102.	2.9	77
107	Ultra-high responsivity, silicon nanowire photodetectors for retinal prosthesis. , 2012, , .		8
108	Design and construction of a Cherenkov imager for charge measurement of nuclear cosmic rays. Journal of Instrumentation, 2011, 6, P06004-P06004.	0.5	2

#	Article	IF	Citations
109	COSMIC-RAY PROTON AND HELIUM SPECTRA FROM THE FIRST CREAM FLIGHT. Astrophysical Journal, 2011, 728, 122.	1.6	290
110	STATUS AND RECENT RESULTS FROM THE CREAM EXPERIMENT. , 2011, , .		0
111	MEASUREMENTS OF THE RELATIVE ABUNDANCES OF HIGH-ENERGY COSMIC-RAY NUCLEI IN THE TeV/NUCLEON REGION. Astrophysical Journal, 2010, 715, 1400-1407.	1.6	41
112	DISCREPANT HARDENING OBSERVED IN COSMIC-RAY ELEMENTAL SPECTRA. Astrophysical Journal Letters, 2010, 714, L89-L93.	3.0	314
113	Approaching the Spectral Knee in High Energy Cosmic Rays with CREAM. Journal of the Physical Society of Japan, 2009, 78, 63-67.	0.7	0
114	BESS-Polar Experiment â€“Progress and Future Prospectâ€“. Journal of the Physical Society of Japan, 2009, 78, 29-34.	0.7	0
115	ENERGY SPECTRA OF COSMIC-RAY NUCLEI AT HIGH ENERGIES. Astrophysical Journal, 2009, 707, 593-603.	1.6	160
116	Measurements of cosmic-ray energy spectra with the 2nd CREAM flight. Nuclear Physics, Section B, Proceedings Supplements, 2009, 196, 239-242.	0.5	6
117	The Cosmic Ray Energetics and Mass (CREAM) timing charge detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 525-536.	0.7	4
118	A search for 0Î½Î²Î² decay of 124Sn with tin-loaded liquid scintillator. Astroparticle Physics, 2009, 31, 412-416.	1.9	13
119	Performance of the CREAM-III Calorimeter. IEEE Transactions on Nuclear Science, 2009, 56, 1396-1399.	1.2	4
120	Preliminary results from the second flight of CREAM. Advances in Space Research, 2008, 41, 2002-2009.	1.2	6
121	CREAM: 70 days of flight from 2 launches in Antarctica. Advances in Space Research, 2008, 42, 1656-1663.	1.2	23
122	Measurements of cosmic-ray secondary nuclei at high energies with the first flight of the CREAM balloon-borne experiment. Astroparticle Physics, 2008, 30, 133-141.	1.9	167
123	Measurement of the cosmic-ray low-energy antiproton spectrum with the first BESS-Polar Antarctic flight. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 670, 103-108.	1.5	71
124	CHERCAM: The Cherenkov imager of the CREAM experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 595, 62-66.	0.7	1
125	First measurements of cosmic-ray nuclei at high energy with CREAM. Advances in Space Research, 2008, 42, 403-408.	1.2	5
126	Search for primordial antiparticles with BESS. Advances in Space Research, 2008, 42, 442-449.	1.2	7

#	Article	IF	Citations
127	BESS-Polar experiment: Progress and future prospects. Advances in Space Research, 2008, 42, 1664-1669.	1.2	11
128	Search for antihelium: Progress with BESS. Advances in Space Research, 2008, 42, 450-454.	1.2	18
129	Approaching the Knee with Direct Measurements. Nuclear Physics, Section B, Proceedings Supplements, 2008, 175-176, 155-161.	0.5	2
130	Development of Low Background CsI(Tl) Crystals and Search for WIMP. IEEE Transactions on Nuclear Science, 2008, 55, 1420-1424.	1.2	14
131	CHERCAM: a Cherenkov imager for the CREAM experiment. , 2008, , .		0
132	Performance of a Dual Layer Silicon Charge Detector During CREAM Balloon Flight. IEEE Transactions on Nuclear Science, 2007, 54, 1743-1747.	1.2	7
133	Electron beam test results with a DC-coupled single-sided strip detector. , 2007, , .		1
134	Beam test of a dual layer silicon charge detector (SCD) for the CREAM experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 581, 133-135.	0.7	3
135	The BESS Program. Nuclear Physics, Section B, Proceedings Supplements, 2007, 166, 62-67.	0.5	7
136	The Cosmic Ray Energetics And Mass (CREAM) instrument. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 579, 1034-1053.	0.7	77
137	Silicon charge detector for the CREAM experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 570, 286-291.	0.7	19
138	Design and performance in the first flight of the transition radiation detector and charge detector of the CREAM balloon instrument. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 485-487.	0.7	5
139	Searches for the decays of 64Zn and 112Sn, and the Î²Î² decay transitions of 124Sn to the excited states of 124Te. Nuclear Physics A, 2007, 793, 171-177.	0.6	24
140	The CREAM Calorimeter: Performance In Tests And Flights. AIP Conference Proceedings, 2006, , .	0.3	3
141	Performance of CREAM Calorimeter: Results of Beam Tests. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 272-275.	0.5	10
142	CREAM-Pushing the high energy frontier of directly measured cosmic rays. European Physical Journal D, 2006, 56, A301-A312.	0.4	0
143	Design, Implementation, and Performance of CREAM Data Acquisition Software. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 304-307.	0.5	2
144	Precise measurements of the cosmic ray antiproton spectrum with BESS including the effects of solar modulation. Advances in Space Research, 2005, 35, 135-141.	1.2	7

#	Article	IF	Citations
145	BEAM TEST CALIBRATION OF THE BALLOON-BORNE IMAGING CALORIMETER FOR THE CREAM EXPERIMENT. , 2005, , .		0
146	BESS-polar experiment. Advances in Space Research, 2004, 33, 1755-1762.	1.2	25
147	The BESS Program. Nuclear Physics, Section B, Proceedings Supplements, 2004, 134, 31-38.	0.5	21
148	Construction and test of a scintillator hodoscope for the CREAM experiment. Nuclear Physics, Section B, Proceedings Supplements, 2004, 134, 75-77.	0.5	2
149	Progress of the BESS Superconducting Spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 518, 167-171.	0.7	14
150	Cosmic-ray energetics and mass (CREAM) balloon project. Advances in Space Research, 2004, 33, 1777-1785.	1.2	55
151	Measurement of the neutron flux in the CPL underground laboratory and simulation studies of neutron shielding for WIMP searches. Astroparticle Physics, 2004, 20, 549-557.	1.9	29
152	Construction and test of a tungsten/Sci-Fi imaging calorimeter for the CREAM experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 535, 143-146.	0.7	0
153	Construction and test of a tungsten/Sci-Fi imaging calorimeter for the CREAM experiment. , 2004, 535, 143-143.		6
154	Study of the internal background of CsI(Tâ„“) crystal detectors for dark matter search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 500, 337-344.	0.7	34
155	Development of CsI crystals for WIMP search. Nuclear Physics, Section B, Proceedings Supplements, 2003, 124, 217-220.	0.5	2
156	Low-energy beam test results of a calorimeter prototype for the CREAM experiment. Nuclear Physics, Section B, Proceedings Supplements, 2003, 125, 358-362.	0.5	1
157	The Cosmic Ray Energetics and Mass (CREAM) experiment timing charge detector. , 2003, , .		5
158	COSMIC RAY ENERGETICS AND MASS (CREAM): CALIBRATING A COSMIC RAY CALORIMETER. , 2003, , .		4
159	BESS-Polar: long duration flights at antarctica to search for primordial antiparticles. Nuclear Physics, Section B, Proceedings Supplements, 2002, 113, 208-212.	0.5	4
160	The Belle detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 479, 117-232.	0.7	1,247
161	Neutron beam test of CsI crystal for dark matter search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 491, 460-469.	0.7	51
162	Cosmic-ray energetics and mass (CREAM) balloon experiment. Advances in Space Research, 2002, 30, 1263-1272.	1.2	18

#	Article	IF	Citations
163	A measurement of the branching fraction for the inclusive Bâ†'XsÎ³ decays with the Belle detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 511, 151-158.	1.5	241
164	Test of CsI (Tâ„“) crystals for the dark matter search. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 457, 471-475.	0.7	15
165	Measurement of Branching Fractions forBâ†'Ï€Ï€,KÏ€, andKKDecays. Physical Review Letters, 2001, 87, 101801.	2.9	74
166	Measurement ofBd0â^'BÂ¯d0Mixing Rate from the Time Evolution of Dilepton Events at theÏ'(4S). Physical Review Letters, 2001, 86, 3228-3232.	2.9	96
167	Measurement of theCPViolation Parametersin2Ï†1inBd0Meson Decays. Physical Review Letters, 2001, 86, 2509-2514.	2.9	107
168	Measurement of inclusive production of neutral pions fromÎ¥(4S)decays. Physical Review D, 2001, 64, .	1.6	20
169	Observation of LargeCPViolation in the NeutralBMeson System. Physical Review Letters, 2001, 87, 091802.	2.9	471
170	Observation of Cabibbo SuppressedBâ†'D(*)Kâ^'Decays at Belle. Physical Review Letters, 2001, 87, 111801.	2.9	27
171	Observation off2â€²(1525) Production in HighQ2Two Photon Interactions at TRISTAN. Journal of the Physical Society of Japan, 2001, 70, 2311-2315.	0.7	1
172	A FEASIBILITY STUDY FOR DARK MATTER SEARCH USING CsI(Tl) CRYSTAL. , 2001, , .		0
173	A detailed test of the CsI(Tâ„“) calorimeter for BELLE with photon beams of energy between 20 MeV and 5.4 GeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 441, 401-426.	0.7	71
174	Measurement of Î±s using NLLA+O(Î±S2) in e+eâ^' annihilation at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 420, 233-240.	1.5	0
175	Observation of exclusive Î·c production in two photon interactions at TRISTAN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 424, 405-410.	1.5	4
176	An experimental study of the process e+eâ^'â†'e+eâ^'Î¼+Î¼â^'. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 179-188.	1.5	0
177	Study of characteristics of the BELLE CsI calorimeter prototype with a BINP tagged photon beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 410, 179-194.	0.7	7
178	A measurement of the photon structure function F2Î³ at Q2 = 6.8 GeV2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 400, 395-400.	1.5	16
179	Nuclear counter effect of silicon PIN photodiode used in CsI(Tl) calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 391, 423-426.	0.7	5
180	Study of the radiation hardness of CsI(Tl) crystals for the BELLE detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 394, 46-56.	0.7	23

#	Article	IF	Citations
181	New limits on the masses of the selectron and photino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 369, 86-92.	1.5	12
182	Observation of the color coherence effect in sub-jet multiplicity of three-jet and four-jet events in e+eâˆ’ annihilations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 304-312.	1.5	2
183	Measurement of the forward-backward asymmetry in and the b-quark branching ratio to muons at TRISTAN using neural networks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 381, 365-371.	1.5	2
184	Measurement of Dâˆ—Â± production in two-photon processes at TRISTAN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 381, 372-378.	1.5	10
185	Measurement of Dâˆ—Â± production in two-photon processes at TRISTAN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 481-486.	1.5	2
186	Study of the BELLE CsI calorimeter prototype with the BINP tagged photon beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 379, 491-494.	0.7	4
187	Beam test of the CsI(Tl) calorimeter for the BELLE detector at the KEK-B factory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 380, 517-523.	0.7	7
188	A high-Q2 measurement of the photon structure function F2Î³. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 208-216.	1.5	31
189	A determination of Î±s in e+eâˆ’ annihilation at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 394-400.	1.5	2
190	A measurement of Bose-Einstein correlations in e+eâˆ’ annihilation at TRISTAN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 406-414.	1.5	10
191	Measurement of charm production in two-photon processes using inclusive lepton events at TRISTAN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 363, 249-258.	1.5	13
192	Study of two particle azimuthal correlations ine+eâˆ’annihilation at âˆšs=58 GeV. Physical Review D, 1995, 52, 4872-4876.	1.6	1
193	Measurements of cross section and asymmetry fore+eâˆ’â†’bbÂ¯and heavy quark fragmentation at KEK TRISTAN. Physical Review D, 1994, 49, 4339-4347.	1.6	6
194	Forward-backward charge asymmetry of quark pairs produced at the KEK TRISTANe+eâˆ’collider. Physical Review D, 1994, 49, 3098-3105.	1.6	3
195	Performance of a diamond-tungsten sampling calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 349, 96-105.	0.7	9
196	Diamond detectors for high energy physics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 351, 217-221.	0.7	9
197	Measurements of the inclusive jet cross section in photon-photon interactions at TRISTAN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 325, 248-256.	1.5	38
198	Measurements of cross section and charge asymmetry for e+eâˆ’ â†’ Î¼+Î¼âˆ’ and e+eâˆ’ â†’ Ï„+Ï„âˆ’ at = 57.8. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 331, 227-235.	1.5	8

#	Article	IF	Citations
199	Test of A Diamond-Tungsten Sampling Calorimeter. Materials Research Society Symposia Proceedings, 1994, 339, 121.	0.1	0
200	Measurement of Î±s from the moment of particle momenta within jets from e+e- annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 469-474.	1.5	7
201	Search for anomalous Î³Î³ production at TRISTAN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 385-390.	1.5	2
202	Evidence for hard scattering of hadronic constituents of photons in photon-photon collisions of TRISTAN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 277, 215-220.	1.5	54
203	Observation of anomalous production of muon pairs in e+eâ^' annihilation into four-lepton final states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 573-579.	1.5	9
204	A measurement of the photon structure function F2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 491-498.	1.5	36
205	A search for SUSY particles in e + e â^' annihilations at s=50â€“60.8GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 534-540.	1.5	17
206	Forward-backward charge asymmetry ine+eâ^'â†'hadron jets. Physical Review Letters, 1990, 64, 983-986.	2.9	16
207	Measurements ofRfore+eâ^'annihilation at the KEK collider TRISTAN. Physical Review D, 1990, 42, 1339-1349.	1.6	31
208	Multihadron-event properties ine+eâ^'annihilation ats=52â^'57GeV. Physical Review D, 1990, 41, 2675-2688.	1.6	73
209	Mass limits of charged Higgs boson at largetanÎ²frome+eâ^'annihilations ats=50â^'60.8GeV. Physical Review D, 1990, 42, 949-951.	1.6	1
210	Charged-particle multiplicities ine+eâ^'annihilations ats=50â^'61.4GeV. Physical Review D, 1990, 42, 737-747.	1.6	44
211	A search for leptoquark and colored lepton pair production in e+eâ^' annihilations at TRISTAN. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 243-249.	1.5	11
212	Comparison of quark and gluon jets produced in high-energye+eâ^'annihilations. Physical Review Letters, 1989, 63, 1772-1775.	2.9	29
213	Experimental evidence for the non-Abelian nature of QCD from a study of multijet events produced ine+eâ^'annihilation. Physical Review Letters, 1989, 62, 1713-1716.	2.9	60
214			

#	Article	IF	Citations
217	Measurements of cross sections and charge asymmetries for from 52 to 57 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 218, 112-118.	1.5	27
218	Search for non-minimal Higgs production in e+eâ˜' annihilations at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 228, 548-552.	1.5	3
219	Measurements of the e+eâ˜' total hadronic cross section and a determination of. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 218, 499-507.	1.5	31
220	Search for the substructure of leptons in high energy QED processes at tristan. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 223, 476-484.	1.5	23
221	Experimental Mass Limit for a Fourth-Generation Sequential Lepton frome+eâ˜'Annihilations ats=56GeV. Physical Review Letters, 1988, 61, 911-914.	2.9	9
222	Search for Isolated Leptons in Low-Thruste+eâ˜'Annihilation Events ats=50ÂandÂ52GeV. Physical Review Letters, 1988, 60, 2359-2362.	2.9	31