

Pier Giorgio Rancoita

List of Publications by Year in descending order

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Version: 2024-02-01

472
papers

16,931
citations

38738

50
h-index

19747

117
g-index

493
all docs

493
docs citations

493
times ranked

10255
citing authors

#	ARTICLE	IF	CITATIONS
1	Forecasting of cosmic rays intensities with HelMod Model. <i>Advances in Space Research</i> , 2022, , .	2.6	1
2	The transport of galactic cosmic rays in heliosphere: The HelMod model compared with other commonly employed solar modulation models. <i>Advances in Space Research</i> , 2022, 70, 2636-2648.	2.6	6
3	The Alpha Magnetic Spectrometer (AMS) on the international space station: Part II “Results from the first seven years. <i>Physics Reports</i> , 2021, 894, 1-116.	25.6	160
4	The Discovery of a Low-energy Excess in Cosmic-Ray Iron: Evidence of the Past Supernova Activity in the Local Bubble. <i>Astrophysical Journal</i> , 2021, 913, 5.	4.5	20
5	A quantitative study on the effects of external geomagnetic fields by using the GeoMagSphere back-tracing code. <i>Advances in Space Research</i> , 2021, 68, 2904-2918.	2.6	2
6	Characterization of TRIGA RC-1 neutron irradiation facilities for radiation damage testing. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	3
7	Deciphering the Local Interstellar Spectra of Secondary Nuclei with the Galprop/Helmod Framework and a Hint for Primary Lithium in Cosmic Rays. <i>Astrophysical Journal</i> , 2020, 889, 167.	4.5	42
8	Inference of the Local Interstellar Spectra of Cosmic-Ray Nuclei $Z \leq 28$ with the GalProp+HelMod Framework. <i>Astrophysical Journal, Supplement Series</i> , 2020, 250, 27.	7.7	56
9	Towards Understanding the Origin of Cosmic-Ray Positrons. <i>Physical Review Letters</i> , 2019, 122, 041102.	7.8	174
10	The HelMod model in the works for inner and outer heliosphere: From AMS to Voyager probes observations. <i>Advances in Space Research</i> , 2019, 64, 2459-2476.	2.6	42
11	Towards Understanding the Origin of Cosmic-Ray Electrons. <i>Physical Review Letters</i> , 2019, 122, 101101.	7.8	109
12	NIEL Dose Analysis on triple and single junction InGaP/GaAs/Ge solar cells irradiated with electrons, protons and neutrons. , 2019, , .		3
13	Observation of New Properties of Secondary Cosmic Rays Lithium, Beryllium, and Boron by the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2018, 120, 021101.	7.8	172
14	HelMod in the Works: From Direct Observations to the Local Interstellar Spectrum of Cosmic-Ray Electrons. <i>Astrophysical Journal</i> , 2018, 854, 94.	4.5	40
15	Propagation of cosmic rays in heliosphere: The HelMod model. <i>Advances in Space Research</i> , 2018, 62, 2859-2879.	2.6	39
16	NIEL DOSE and DLTS Analyses on Triple and Single Junction solar cells irradiated with electrons and protons. , 2018, , .		2
17	Deciphering the Local Interstellar Spectra of Primary Cosmic-Ray Species with HelMod. <i>Astrophysical Journal</i> , 2018, 858, 61.	4.5	40
18	Observation of Complex Time Structures in the Cosmic-Ray Electron and Positron Fluxes with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2018, 121, 051102.	7.8	62

#	ARTICLE	IF	CITATIONS
19	Observation of Fine Time Structures in the Cosmic Proton and Helium Fluxes with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2018, 121, 051101.	7.8	98
20	Precision Measurement of Cosmic-Ray Nitrogen and its Primary and Secondary Components with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2018, 121, 051103.	7.8	68
21	Solution of Heliospheric Propagation: Unveiling the Local Interstellar Spectra of Cosmic-ray Species. Astrophysical Journal, 2017, 840, 115.	4.5	102
22	NIEL DOSE Analysis on Triple Junction Cells 30% Efficient and Related Single Junctions. , 2017, , .		3
23	The HelMod Monte Carlo Model for the Propagation of Cosmic Rays in Heliosphere. Proceedings of the International Astronomical Union, 2017, 13, 276-279.	0.0	2
24	On the forwardâ€backwardâ€time approach for Monte Carlo solution of Parker's transport equation: Oneâ€dimensional case. Journal of Geophysical Research: Space Physics, 2016, 121, 3920-3930.	2.4	31
25	Antiproton Flux, Antiproton-to-Proton Flux Ratio, and Properties of Elementary Particle Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2016, 117, 091103.	7.8	295
26	Precision Measurement of the Boron to Carbon Flux Ratio in Cosmic Rays from 1.9ÂGeV to 2.6ÂTV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2016, 117, 231102.	7.8	236
27	Pulsar Wind Nebulae as a source of the observed electron and positron excess at high energy: The case of Vela-X. Journal of High Energy Astrophysics, 2015, 8, 27-34.	6.7	19
28	Precision Measurement of the Helium Flux in Primary Cosmic Rays of Rigidities 1.9ÂGV to 3ÂTV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2015, 115, 211101.	7.8	369
29	Precision Measurement of the Proton Flux in Primary Cosmic Rays from Rigidity 1ÂGV to 1.8 TV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2015, 114, 171103.	7.8	655
30	NIEL DOSE DEPENDENCE FOR SOLAR CELLS IRRADIATED WITH ELECTRONS AND PROTONS. , 2014, , .		11
31	Precision Measurement of the $\frac{e^-}{p} + \frac{e^+}{p}$ with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2014, 113, 221102.	7.8	238
32	Electron and Positron Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2014, 113, 121102.	7.8	397
33	High Statistics Measurement of the Positron Fraction in Primary Cosmic Rays of 0.5â€500ÂGeV with the Alpha Magnetic Spectrometer on the International Space Station. Physical Review Letters, 2014, 113, 121101.	7.8	428
34	Cosmic Rays in the Earth Magnetosphere: the importance of the External Field models in trajectory reconstruction with AMS-02 data. , 2014, , .		0
35	Solar Modulation along last solar minimum. , 2014, , .		0
36	Transport of cosmic rays in magnetosphere and heliosphere: GeoMag and HelMod webmodels. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
37	EVALUATION OF ENERGETIC PROTON PRESSURE DURING SOLAR EVENTS AND POSSIBLE EFFECTS ON THE MAGNETOSPHERE. , 2014, , .		0
38	Possible Contribution to Electron and Positron Fluxes from Pulsars and their Nebulae. , 2014, , .		0
39	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. Physics Reports, 2013, 532, 119-244.	25.6	453
40	An expression for the Mott cross section of electrons and positrons on nuclei with Z up to 118. Radiation Physics and Chemistry, 2013, 90, 39-66.	2.8	55
41	First Result from the Alpha Magnetic Spectrometer on the International Space Station: Precision Measurement of the Positron Fraction in Primary Cosmic Rays of 0.5-350 GeV. Physical Review Letters, 2013, 110, 141102.	7.8	852
42	Latitudinal Dependence of Cosmic Rays Modulation at 1 AU and Interplanetary Magnetic Field Polar Correction. Advances in Astronomy, 2013, 2013, 1-12.	1.1	15
43	SYSTEMATIC INVESTIGATION OF SOLAR MODULATION OF GALACTIC PROTONS FOR SOLAR CYCLE 23 USING A MONTE CARLO APPROACH WITH PARTICLE DRIFT EFFECTS AND LATITUDINAL DEPENDENCE. Astrophysical Journal, 2012, 745, 132.	4.5	58
44	NUCLEAR AND NON-IONIZING ENERGY-LOSS OF ELECTRONS WITH LOW AND RELATIVISTIC ENERGIES IN MATERIALS AND SPACE ENVIRONMENT. Astroparticle, Particle, Space Physics, Radiation Interaction, Detectors and Medical Physics Applications, 2012, , 961-982.	0.1	0
45	Effects of solar modulation on the cosmic ray positron fraction. Advances in Space Research, 2012, 49, 1587-1592.	2.6	33
46	HELIOSPHERE DIMENSION AND COSMIC RAY MODULATION. Astroparticle, Particle, Space Physics, Radiation Interaction, Detectors and Medical Physics Applications, 2012, , 249-257.	0.1	0
47	ELECTRICAL CHARACTERIZATION OF SiPM AS A FUNCTION OF TEST FREQUENCY AND TEMPERATURE. Astroparticle, Particle, Space Physics, Radiation Interaction, Detectors and Medical Physics Applications, 2012, , 663-675.	0.1	0
48	PROTON AND ANTIPROTON MODULATION IN THE HELIOSPHERE FOR DIFFERENT SOLAR CONDITIONS AND AMS-02 MEASUREMENTS PREDICTION. , 2011, , .		6
49	Test of the \tilde{J}_s -model of Bose-Einstein correlations and reconstruction of the source function in hadronic Z-boson decay at LEP. European Physical Journal C, 2011, 71, 1.	3.9	20
50	Generalized event shape and energy flow studies in e^+e^- annihilation at $\sqrt{s} = 91.2 - 208.0$ GeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	1
51	Nuclear and Non-Ionizing Energy-Loss for Coulomb Scattered Particles from Low Energy up to Relativistic Regime in Space Radiation Environment. , 2011, , .		15
52	Antiproton modulation in the Heliosphere and AMS-02 antiproton over proton ratio prediction. Astrophysics and Space Sciences Transactions, 2011, 7, 245-249.	1.0	9
53	ISOTOPIC COMPOSITION OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01. Astrophysical Journal, 2011, 736, 105.	4.5	37
54	ENERGY LOSS FOR ELECTRONS IN THE HELIOSPHERE AND LOCAL INTERSTELLAR SPECTRUM FOR SOLAR MODULATION. , 2011, , .		3

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55	AMS-02 photon data reduction approach. , 2011, , .		0
56	Electron and Positron solar modulation and prediction for AMS02. , 2011, , .		2
57	THE AMS-02 PROTON SPECTRA AND THE GEOMAGNETIC FIELD. , 2011, , .		0
58	PROTON MODULATION IN THE HELIOSPHERE FOR DIFFERENT SOLAR CONDITIONS AND PREDICTION FOR AMS-02. , 2011, , .		1
59	RELATIVE COMPOSITION AND ENERGY SPECTRA OF LIGHT NUCLEI IN COSMIC RAYS: RESULTS FROM AMS-01. Astrophysical Journal, 2010, 724, 329-340.	4.5	50
60	GEANT4-BASED APPLICATION DEVELOPMENT FOR NIEL CALCULATION IN THE SPACE RADIATION ENVIRONMENT. , 2010, , .		4
61	THE GAMMA-RAY SKY UNDER A "NEW" LIGHT. , 2010, , .		0
62	REENTRANT HELIOSPHERIC PARTICLES IN CASE OF SHOCKS AMPLIFIED MAGNETIC FIELDS. , 2010, , .		0
63	HALL COEFFICIENT DEPENDENCE ON RESISTIVITY DOWN TO CRYOGENIC TEMPERATURES IN SILICON SAMPLES IRRADIATED WITH NEUTRONS AND ^{12}C -IONS. , 2010, , .		0
64	GALACTIC COSMIC RAYS MODULATION AND PREDICTION FOR THE AMS-02 MISSION. , 2010, , .		3
65	DRIFT MODELS AND POLAR FIELD FOR COSMIC RAYS PROPAGATION IN THE HELIOSPHERE. , 2010, , .		3
66	Fluxes and nuclear abundances of cosmic rays inside the magnetosphere using a transmission function approach. Advances in Space Research, 2009, 43, 385-393.	2.6	5
67	Solar modulation model with reentrant particles. Advances in Space Research, 2008, 41, 339-342.	2.6	8
68	Study of the solar anisotropy of cosmic ray primaries of about 200 GeV energy with the L3+C muon detector. Astronomy and Astrophysics, 2008, 488, 1093-1100.	5.1	0
69	REENTRANT HELIOSPHERIC PARTICLES IN 2D DRIFT MODEL. , 2008, , .		0
70	DETERMINATION OF HALL COEFFICIENT FOR NEUTRON IRRADIATED SAMPLES DOWN TO CRYOGENIC TEMPERATURES AND ITS DEPENDANCE ON RESISTIVITY AT ROOM TEMPERATURE. , 2008, , .		0
71	2D Stochastic Monte Carlo to evaluate the modulation of GCR for inner and outer solar system planets. , 2008, , .		0
72	Evaluation of the flux of CR nuclei inside the magnetosphere. , 2008, , .		0

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73	New generation Data Transfer for AMS02. , 2008, , .		0
74	Study of resonance formation in the mass region 1400~1500MeV through the reaction $\bar{\nu}_\mu + K^+ \rightarrow \pi^- + p$. Journal of High Energy Physics, 2007, 2007, 018-018.	4.7	21
75	Particle interaction and displacement damage in silicon devices operated in radiation environments. Reports on Progress in Physics, 2007, 70, 493-625.	20.1	104
76	Cosmic-ray positron fraction measurement from 1 to 30 GeV with AMS-01. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 646, 145-154.	4.1	269
77	Study of inclusive strange-baryon production and search for pentaquarks in two-photon collisions at LEP. European Physical Journal C, 2007, 49, 395-410.	3.9	6
78	Magnetospheric transmission function approach to disentangle primary from secondary cosmic ray fluxes in the penumbra region. Journal of Geophysical Research, 2006, 111, .	3.3	29
79	A 2D STOCHASTIC MONTECARLO FOR THE SOLAR MODULATION OF GCR: A PROCEDURE TO FIT INTERPLANETARY PARAMETERS COMPARING TO THE EXPERIMENTAL DATA. , 2006, , .		1
80	Systematic investigation of monolithic bipolar transistors irradiated with neutrons, heavy ions and electrons for space applications. Nuclear Instruments & Methods in Physics Research B, 2006, 252, 276-284.	1.4	5
81	Ultrarelativistic sources in nonlinear electrodynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 636, 142-146. Analysis of the  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	1
82	xmllns:ja="http://www.elsevier.com/xml/ja/dtd" xmllns:mml="http://www.w3.org/1998/Math/MathML" xmllns:tb="http://www.elsevier.com/xml/common/table/dtd" xmllns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmllns:ce="http://www.elsevier.com/x	4.1	3
83	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	25.6	974
84	Measurement of the mass and the width of the W boson at LEP. European Physical Journal C, 2006, 45, 569-587.	3.9	41
85	Measurement of hadron and lepton-pair production in e+e- collisions at $\sqrt{s}=192-208$ GeV\$ at LEP. European Physical Journal C, 2006, 47, 1-19.	3.9	16
86	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	3.9	592
87	A search for flaring very-high-energy cosmic γ -ray sources with the L3+C muon spectrometer. Astroparticle Physics, 2006, 25, 298-310.	4.3	3
88	IONS ABUNDANCE CLOSE TO THE EARTH SURFACE: THE ROLE OF THE MAGNETOSPHERE. , 2006, , .		0
89	INVESTIGATION OF VLSI BIPOLAR TRANSISTORS IRRADIATED WITH ELECTRONS, IONS AND NEUTRONS FOR SPACE APPLICATION. , 2006, , .		0
90	PRIMARY HELIUM CR INSIDE THE MAGNETOSPHERE: A TRANSMISSION FUNCTION STUDY. , 2006, , .		2

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91	PERSPECTIVES IN MEDICAL APPLICATIONS OF MONTE CARLO SIMULATION SOFTWARE FOR CLINICAL PRACTICE IN RADIOTHERAPY TREATMENTS. , 2006, , .		0
92	Search for an invisibly-decaying Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 609, 35-48.	4.1	22
93	Z-boson production with two unobserved, back-to-back, hard photons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 613, 118-127.	4.1	0
94	Measurement of exclusive $\gamma\gamma \rightarrow e^+e^-$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 613, 128-132.	4.1	11
95	Compton scattering of quasi-real virtual photons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 616, 145-158.	4.1	3
96	Neutral-current four-fermion production in $e^+e^- \rightarrow e^+e^- \mu^+\mu^-$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 619, 71-81.	4.1	2
97	Measurement of the cross section for open-beauty production in photon-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 619, 71-81.	4.1	13
98	Measurement of the photon structure function $F_2^{\gamma}(x,Q^2)$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 623, 26-36.	4.1	5
99	Measurement of the running of the electromagnetic coupling at large momentum-transfer at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 623, 26-36.	4.1	30
100	A study of cosmic ray secondaries induced by the Mir space station using AMS-01. Nuclear Instruments & Methods in Physics Research B, 2005, 234, 321-332.	1.4	2
101	Study of spin and decay-plane correlations of W bosons in the $e^+e^- \rightarrow W^+W^-$ process at LEP. European Physical Journal C, 2005, 40, 333-341.	3.9	4
102	Measurement of the shadowing of high-energy cosmic rays by the Moon: A search for TeV-energy antiprotons. Astroparticle Physics, 2005, 23, 411-434.	4.3	28
103	MAGNETOSPHERIC TRANSMISSION FUNCTION TO SEPARATE NEAR EARTH PRIMARY AND SECONDARY COSMIC RAYS. International Journal of Modern Physics A, 2005, 20, 6678-6680.	1.5	3
104	A NORMALIZATION PROCEDURE FOR CREME96 SPECTRA. , 2004, , .		1
105	AMS-02 ITALIAN DATA TRANSFER. , 2004, , .		0
106	Investigation of irradiated monolithic transistors for space applications. Nuclear Instruments & Methods in Physics Research B, 2004, 217, 65-76.	1.4	10
107	Measurement of the atmospheric muon spectrum from 20 to 3000 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 598, 15-32.	4.1	100
108	Measurement of the Z-boson mass using $e^+e^- \rightarrow Z\gamma^* \rightarrow Z\gamma^* \gamma^* \gamma^*$ events at centre-of-mass energies above the Z pole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 585, 42-52.	4.1	8

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109	Muon-pair and tau-pair production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 585, 53-62.	4.1	13
110	Search for scalar leptons and scalar quarks at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 580, 37-49.	4.1	87
111	Search for colour singlet and colour reconnection effects in hadronic Z decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 581, 19-30.	4.1	7
112	Flavour independent search for neutral Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 14-27.	4.1	16
113	Single- and multi-photon events with missing energy in e^+e^- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 587, 16-32.	4.1	100
114	Inclusive Lambda production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 140-150.	4.1	1
115	Measurement of triple-gauge-boson couplings of the W boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 151-166.	4.1	44
116	Search for anomalous couplings in the Higgs sector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 89-102.	4.1	19
117	Measurement of exclusive $\nu\mu\mu$ production in e^+e^- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 1-10.	4.1	11
118	Measurement of the cross section of W-boson pair production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 600, 22-40.	4.1	4
119	Search for bransons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 597, 145-154.	4.1	37
120	Measurement of the cross section of W-boson pair production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 600, 22-40.	4.1	31
121	Inclusive jet production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 157-166.	4.1	9
122	Measurement of exclusive $\nu\mu\mu$ production in e^+e^- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 1-10.	4.1	3
123	Studies of hadronic event structure in e^+e^- annihilation from 30 to 209 GeV with the L3 detector. Physics Reports, 2004, 399, 71-174.	25.6	90
124	RADIATION EFFECTS ON BIPOLAR AND MOS TRANSISTORS MADE IN BICMOS TECHNOLOGY. , 2004, , .		0
125	SOLAR MODULATION MODELS: A COMPARISON THROUGH A 2D STOCHASTIC SIMULATION. , 2004, , .		1
126	GEOGRAPHICAL FEATURE OF THE AMS BELTS: A SIMULATION WITH PARTICLE TRACING. , 2004, , .		0

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127	Measurement of exclusive $\gamma\gamma\gamma$ production in two-photon collisions at high Q^2 at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 11-22.	4.1	27
128	Search for a Higgs boson decaying to weak boson pairs at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 191-204.	4.1	15
129	Search for charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 575, 208-220.	4.1	38
130	Measurement of charged-particle multiplicity distributions and their H_q moments in hadronic Z decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 577, 109-119.	4.1	14
131	Search for excited leptons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 23-34.	4.1	23
132	Proton-antiproton pair production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 571, 11-20.	4.1	9
133	Z boson pair-production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 572, 133-144.	4.1	16
134	Search for doubly-charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 18-28.	4.1	60
135	Inclusive charged hadron production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 554, 105-114.	4.1	15
136	Measurement of W polarisation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 557, 147-156.	4.1	17
137	Study of the $e^+e^- \rightarrow \tau^+\tau^- Z e^+e^-$ process at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 73-81.	4.1	2
138	Search for the Standard Model Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 61-75.	4.1	1,175
139	Search for colour reconnection effects in $e^+e^- \rightarrow W^+W^- \rightarrow$ hadrons through particle-flow studies at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 202-212.	4.1	15
140	The Alpha Magnetic Spectrometer (AMS). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 478, 119-122.	1.6	37
141	The Alpha Magnetic Spectrometer (AMS) on the International Space Station: Part I – results from the test flight on the space shuttle. Physics Reports, 2002, 366, 331-405.	25.6	366
142	Inclusive $\gamma\gamma$ and K_S^0 production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 524, 44-54.	4.1	12
143	Bose-Einstein correlations of neutral and charged pions in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 524, 55-64.	4.1	19
144	Search for R-parity violating decays of supersymmetric particles in e^+e^- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 524, 65-80.	4.1	33

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145	f1(1285) formation in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 269-277.	4.1	50
146	Study of the $W+W\hat{\gamma}\hat{\gamma}^3$ process and limits on anomalous quartic gauge boson couplings at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 527, 29-38.	4.1	33
147	Study of multiphoton final states and tests of QED in $e+e\hat{\gamma}$ collisions at s up to 209ÅGeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 28-38.	4.1	11
148	Double-tag events in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 39-51.	4.1	18
149	Search for a Higgs boson decaying into two photons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 534, 28-38.	4.1	23
150	Inclusive production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 535, 59-69.	4.1	8
151	\hat{b} and \hat{b}^0 pair production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 536, 24-33.	4.1	13
152	Determination of \hat{b} s from hadronic event shapes in $e+e\hat{\gamma}$ annihilation at ÅGeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 536, 217-228.	4.1	31
153	The reaction at LEP and constraints on anomalous quartic gauge boson couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 540, 43-51.	4.1	17
154	Measurement of genuine three-particle Boseâ€Einstein correlations in hadronic Z decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 540, 185-198.	4.1	13
155	Search for neutral Higgs bosons of the minimal supersymmetric standard model in $e+e\hat{\gamma}$ interactions at up to 209ÅGeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 545, 30-42.	4.1	14
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