

Pier Giorgio Rancoita

List of Publications by Year in descending order

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471
papers

16,931
citations

44444

50
h-index

22488

117
g-index

493
all docs

493
docs citations

493
times ranked

10470
citing authors

#	ARTICLE	IF	CITATIONS
1	Forecasting of cosmic rays intensities with HelMod Model. <i>Advances in Space Research</i> , 2022, , .	1.2	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.	1.2	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.	10.3	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.	1.6	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.	1.2	2
6	Characterization of TRIGA RC-1 neutron irradiation facilities for radiation damage testing. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	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.	1.6	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.	3.0	56
9	Towards Understanding the Origin of Cosmic-Ray Positrons. <i>Physical Review Letters</i> , 2019, 122, 041102.	2.9	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.	1.2	42
11	Towards Understanding the Origin of Cosmic-Ray Electrons. <i>Physical Review Letters</i> , 2019, 122, 101101.	2.9	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.	2.9	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.	1.6	40
15	Propagation of cosmic rays in heliosphere: The HelMod model. <i>Advances in Space Research</i> , 2018, 62, 2859-2879.	1.2	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.	1.6	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.	2.9	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. <i>Physical Review Letters</i> , 2018, 121, 051101.	2.9	98
20	Precision Measurement of Cosmic-Ray Nitrogen and its Primary and Secondary Components with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2018, 121, 051103.	2.9	68
21	Solution of Heliospheric Propagation: Unveiling the Local Interstellar Spectra of Cosmic-ray Species. <i>Astrophysical Journal</i> , 2017, 840, 115.	1.6	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. <i>Proceedings of the International Astronomical Union</i> , 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. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 3920-3930.	0.8	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. <i>Physical Review Letters</i> , 2016, 117, 091103.	2.9	295
26	Precision Measurement of the Boron to Carbon Flux Ratio in Cosmic Rays from 1.9ÂGV to 2.6ÂTV with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2016, 117, 231102.	2.9	236
27	Pulsar Wind Nebulae as a source of the observed electron and positron excess at high energy: The case of Vela-X. <i>Journal of High Energy Astrophysics</i> , 2015, 8, 27-34.	2.4	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. <i>Physical Review Letters</i> , 2015, 115, 211101.	2.9	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. <i>Physical Review Letters</i> , 2015, 114, 171103.	2.9	655
30	NIEL DOSE DEPENDENCE FOR SOLAR CELLS IRRADIATED WITH ELECTRONS AND PROTONS. , 2014, , .		11
31	Precision Measurement of the $\frac{e^-}{p} + \frac{e^+}{p}$ ratio in primary cosmic rays measured with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2014, 113, 221102.	2.9	238
32	Electron and Positron Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the International Space Station. <i>Physical Review Letters</i> , 2014, 113, 121102.	2.9	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. <i>Physical Review Letters</i> , 2014, 113, 121101.	2.9	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.	10.3	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.	1.4	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.	2.9	852
42	Latitudinal Dependence of Cosmic Rays Modulation at 1 AU and Interplanetary Magnetic Field Polar Correction. Advances in Astronomy, 2013, 2013, 1-12.	0.5	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.	1.6	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.	1.2	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}_μ -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.	1.4	20
50	Generalized event shape and energy flow studies in e^+e^- annihilation at $\sqrt{s} = 91.2\sqrt{-}208.0$ GeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	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.	1.6	37
54	ENERGY LOSS FOR ELECTRONS IN THE HELIOSPHERE AND LOCAL INTERSTELLAR SPECTRUM FOR SOLAR MODULATION. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
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.	1.6	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.	1.2	5
67	Solar modulation model with reentrant particles. Advances in Space Research, 2008, 41, 339-342.	1.2	8
68	REENTRANT HELIOSPHERIC PARTICLES IN 2D DRIFT MODEL. , 2008, , .		0
69	DETERMINATION OF HALL COEFFICIENT FOR NEUTRON IRRADIATED SAMPLES DOWN TO CRYOGENIC TEMPERATURES AND ITS DEPENDANCE ON RESISTIVITY AT ROOM TEMPERATURE. , 2008, , .		0
70	2D Stochastic Monte Carlo to evaluate the modulation of GCR for inner and outer solar system planets. , 2008, , .		0
71	Evaluation of the flux of CR nuclei inside the magnetosphere. , 2008, , .		0
72	New generation Data Transfer for AMS02. , 2008, , .		0

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73	Study of resonance formation in the mass region 1400~1500MeV through the reaction $\hat{p}^3\hat{p}^+KOSK\hat{\pm}\hat{I}\hat{E}\hat{m}\hat{p}$. Journal of High Energy Physics, 2007, 2007, 018-018.	1.6	21
74	Particle interaction and displacement damage in silicon devices operated in radiation environments. Reports on Progress in Physics, 2007, 70, 493-625.	8.1	104
75	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.	1.5	269
76	Study of inclusive strange-baryon production and search for pentaquarks in two-photon collisions at LEP. European Physical Journal C, 2007, 49, 395-410.	1.4	6
77	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
78	A 2D STOCHASTIC MONTECARLO FOR THE SOLAR MODULATION OF GCR: A PROCEDURE TO FIT INTERPLANETARY PARAMETERS COMPARING TO THE EXPERIMENTAL DATA. , 2006, , .		1
79	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.	0.6	5
80	Ultrarelativistic sources in nonlinear electrodynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 636, 142-146.	1.5	1
81	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:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	1.5	3
82	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	10.3	974
83	Measurement of the mass and the width of the W boson at LEP. European Physical Journal C, 2006, 45, 569-587.	1.4	41
84	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.	1.4	16
85	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	1.4	592
86	A search for flaring very-high-energy cosmic \hat{p}^3 -ray sources with the L3+C muon spectrometer. Astroparticle Physics, 2006, 25, 298-310.	1.9	3
87	IONS ABUNDANCE CLOSE TO THE EARTH SURFACE: THE ROLE OF THE MAGNETOSPHERE. , 2006, , .		0
88	INVESTIGATION OF VLSI BIPOLAR TRANSISTORS IRRADIATED WITH ELECTRONS, IONS AND NEUTRONS FOR SPACE APPLICATION. , 2006, , .		0
89	PRIMARY HELIUM CR INSIDE THE MAGNETOSPHERE: A TRANSMISSION FUNCTION STUDY. , 2006, , .		2
90	PERSPECTIVES IN MEDICAL APPLICATIONS OF MONTE CARLO SIMULATION SOFTWARE FOR CLINICAL PRACTICE IN RADIOTHERAPY TREATMENTS. , 2006, , .		0

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91	Search for an invisibly-decaying Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 609, 35-48.	1.5	22
92	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.	1.5	0
93	Compton scattering of quasi-real virtual photons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 616, 145-158.	1.5	11
94	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.	1.5	3
95	Measurement of the photon structure function in e+e- to photon + photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 623, 26-36.	1.5	2
96	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.	1.5	13
97	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.	1.5	5
98	Study of spin and decay-plane correlations of W bosons in the e+e- to W+W- process at LEP. European Physical Journal C, 2005, 40, 333-341.	1.5	30
99	Measurement of the shadowing of high-energy cosmic rays by the Moon: A search for TeV-energy antiprotons. Astroparticle Physics, 2005, 23, 411-434.	0.6	2
100	MAGNETOSPHERIC TRANSMISSION FUNCTION TO SEPARATE NEAR EARTH PRIMARY AND SECONDARY COSMIC RAYS. International Journal of Modern Physics A, 2005, 20, 6678-6680.	1.4	4
101	A NORMALIZATION PROCEDURE FOR CREME96 SPECTRA. , 2004, , .	1.9	28
102	AMS-02 ITALIAN DATA TRANSFER. , 2004, , .	0.5	3
103	Investigation of irradiated monolithic transistors for space applications. Nuclear Instruments & Methods in Physics Research B, 2004, 217, 65-76.	1	0
104	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.	0.6	10
105	Measurement of the Z-boson mass using e+e- to Z + Z^0 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.	1.5	100
106	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.	1.5	8
107	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.	1.5	13

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109	Search for scalar leptons and scalar quarks at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 580, 37-49.	1.5	87
110	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.	1.5	7
111	Flavour independent search for neutral Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 14-27.	1.5	16
112	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.	1.5	100
113	Inclusive Lambda production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 140-150.	1.5	1
114	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.	1.5	44
115	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.	1.5	19
116	Study of the χ production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 589, 103-110.	1.5	11
117	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.	1.5	4
118	Search for branons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 597, 145-154.	1.5	37
119	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.	1.5	31
120	Inclusive jet production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 157-166.	1.5	9
121	Measurement of exclusive χ production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 167-174.	1.5	3
122	Studies of hadronic event structure in e+e- annihilation from 30 to 209GeV with the L3 detector. Physics Reports, 2004, 399, 71-174.	10.3	90
123	RADIATION EFFECTS ON BIPOLAR AND MOS TRANSISTORS MADE IN BICMOS TECHNOLOGY. , 2004, , .		0
124	SOLAR MODULATION MODELS: A COMPARISON THROUGH A 2D STOCHASTIC SIMULATION. , 2004, , .		1
125	GEOGRAPHICAL FEATURE OF THE AMS BELTS: A SIMULATION WITH PARTICLE TRACING. , 2004, , .		0
126	Measurement of exclusive χ 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.	1.5	27

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127	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.	1.5	15
128	Search for charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 575, 208-220.	1.5	38
129	Measurement of charged-particle multiplicity distributions and their Hq moments in hadronic Z decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 577, 109-119.	1.5	14
130	Search for excited leptons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 23-34.	1.5	23
131	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.	1.5	9
132	Z boson pair-production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 572, 133-144.	1.5	16
133	Search for doubly-charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 576, 18-28.	1.5	60
134	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.	1.5	15
135	Measurement of W polarisation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 557, 147-156.	1.5	17
136	Study of the $e^+e^- \rightarrow \tau^+Z\tau^-$ process at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 73-81.	1.5	2
137	Search for the Standard Model Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 61-75.	1.5	1,175
138	Search for colour reconnection effects in $e^+e^- \rightarrow \tau^+W+W\tau^-$ hadrons through particle-flow studies at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 202-212.	1.5	15
139	The Alpha Magnetic Spectrometer (AMS). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 478, 119-122.	0.7	37
140	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.	10.3	366
141	Inclusive \bar{K}^0 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.	1.5	12
142	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.	1.5	19
143	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.	1.5	33
144	$f_1(1285)$ formation in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 269-277.	1.5	50

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145	Study of the $W+W\tilde{a}^3$ 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.	1.5	33
146	Study of multiphoton final states and tests of QED in $e+e^{\tilde{\gamma}}$ collisions at s up to 209ÅGeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 28-38.	1.5	11
147	Double-tag events in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 39-51.	1.5	18
148	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.	1.5	23
149	Inclusive production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 535, 59-69.	1.5	8
150	$\tilde{\chi}^0$ and $\tilde{\chi}^{\pm}$ pair production in two-photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 536, 24-33.	1.5	13
151	Determination of $\tilde{\chi}^0$ from hadronic event shapes in $e+e^{\tilde{\gamma}}$ annihilation at ÅGeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 536, 217-228.	1.5	31
152	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.	1.5	17
153	Measurement of genuine three-particle Bose-Einstein correlations in hadronic Z decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 540, 185-198.	1.5	13
154	Search for neutral Higgs bosons of the minimal supersymmetric standard model in $e+e^{\tilde{\gamma}}$ interactions at up to 209ÅGeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 545, 30-42.	1.5	14
155	Measurement of Bose-Einstein correlations in $e+e^{\tilde{\gamma}}\tilde{a}^+W+W\tilde{a}^-$ events at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 139-150.	1.5	22
156	Production of single W bosons at LEP and measurement of $WW\tilde{a}^3$ gauge coupling parameters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 151-163.	1.5	15
157	Search for single top production at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 549, 290-300.	1.5	63
158	A COMPLETE SIMULATION OF COSMIC RAYS ACCESS TO A SPACE STATION. , 2002, , .		0
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167	Search for neutral Higgs bosons of the minimal supersymmetric standard model in e^+e^- interactions at $\sqrt{s} = 202$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 21-33.	1.5	9
168	Study of the process at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 505, 47-58.	1.5	6
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