

# Pier S Marrocchesi

## List of Publications by Year in descending order

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331  
papers

12,063  
citations

44444

50  
h-index

40945

97  
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333  
all docs

333  
docs citations

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times ranked

8775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Measurement of the Nickel Spectrum in Cosmic Rays in the Energy Range from $8.8 \text{ GeV}$ to $240 \text{ GeV}$ . <i>Physical Review Letters</i> , 2021, 126, 241101.	2.9	7
2	CALET Search for Electromagnetic Counterparts of Gravitational Waves during the LIGO/Virgo O3 Run. <i>Astrophysical Journal</i> , 2022, 933, 85.	1.6	3
3	Layered CMOS SPADs for Low Noise Detection of Charged Particles. <i>Frontiers in Physics</i> , 2021, 8, .	1.0	8
4	Measurement of the Iron Spectrum in Cosmic Rays from $10 \text{ GeV}$ to $2.0 \text{ TeV}$ . <i>Physical Review Letters</i> , 2021, 126, 241101.	2.9	20
5	CALET Observations during the First 5 Years on the ISS. <i>Physics of Atomic Nuclei</i> , 2021, 84, 985-994.	0.1	0
6	CALET results after three years on the International Space Station. <i>Journal of Physics: Conference Series</i> , 2020, 1468, 012074.	0.3	2
7	DCR Performance in Neutron-Irradiated CMOS SPADs From 150- to 180-nm Technologies. <i>IEEE Transactions on Nuclear Science</i> , 2020, 67, 1293-1301.	1.2	4
8	Direct Measurement of the Cosmic-Ray Carbon and Oxygen Spectra from $10 \text{ GeV}$ to $2.2 \text{ TeV}$ . <i>CALET on the International Space Station: the first three years of observations</i> . <i>Physica Scripta</i> , 2020, 95, 074012.	2.9	31
9	CALET on the International Space Station: the first three years of observations. <i>Physica Scripta</i> , 2020, 95, 074012.	1.2	1
10	Dark Count Rate Distribution in Neutron-Irradiated CMOS SPADs. <i>IEEE Transactions on Electron Devices</i> , 2019, 66, 5230-5237.	1.6	4
11	AMS-100: The next generation magnetic spectrometer in space – An international science platform for physics and astrophysics at Lagrange point 2. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 944, 162561.	0.7	41
12	The CALorimetric Electron Telescope (CALET) on the International Space Station: Results from the First Two Years of Operation. <i>EPJ Web of Conferences</i> , 2019, 208, 13001.	0.1	0
13	Dark Count Rate Degradation in CMOS SPADs Exposed to X-Rays and Neutrons. <i>IEEE Transactions on Nuclear Science</i> , 2019, 66, 567-574.	1.2	14
14	The CALorimetric Electron Telescope (CALET) on the International Space Station. <i>Advances in Space Research</i> , 2019, 64, 2531-2537.	1.2	19
15	Direct Measurement of the Cosmic-Ray Proton Spectrum from $50 \text{ GeV}$ to $10 \text{ TeV}$ with the Calorimetric Electron Telescope on the International Space Station. <i>Physical Review Letters</i> , 2019, 122, 181102.	2.9	108
16	The CALorimetric Electron Telescope (CALET) on the International Space Station: Results from the First Two Years On Orbit. <i>Journal of Physics: Conference Series</i> , 2019, 1181, 012003.	0.3	6
17	CALET Results after Three Years on Orbit on the International Space Station. <i>Physics of Atomic Nuclei</i> , 2019, 82, 766-772.	0.1	5
18	Crosstalk Characterization of a Two-Tier Pixelated Avalanche Sensor for Charged Particle Detection. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2018, 24, 1-8.	1.9	5

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19	Characteristics and Performance of the CALorimetric Electron Telescope (CALET) Calorimeter for Gamma-Ray Observations. <i>Astrophysical Journal, Supplement Series</i> , 2018, 238, 5.	3.0	16
20	Extended Measurement of the Cosmic-Ray Electron and Positron Spectrum from 11ÂGeV to 4.8ÂTeV with the Calorimetric Electron Telescope on the International Space Station. <i>Physical Review Letters</i> , 2018, 120, 261102.	2.9	134
21	Search for GeV Gamma-Ray Counterparts of Gravitational Wave Events by CALET. <i>Astrophysical Journal</i> , 2018, 863, 160.	1.6	10
22	First Demonstration of a Two-Tier Pixelated Avalanche Sensor for Charged Particle Detection. <i>IEEE Journal of the Electron Devices Society</i> , 2017, 5, 404-410.	1.2	21
23	Energy Spectrum of Cosmic-Ray Electron and Positron from 10ÂGeV to 3ÂTeV Observed with the Calorimetric Electron Telescope on the International Space Station. <i>Physical Review Letters</i> , 2017, 119, 181101.	2.9	116
24	CALET on the ISS: a high energy astroparticle physics experiment. <i>Journal of Physics: Conference Series</i> , 2016, 718, 052023.	0.3	6
25	Perspectives of the GAMMA-400 space observatory for high-energy gamma rays and cosmic rays measurements. <i>Journal of Physics: Conference Series</i> , 2016, 675, 032010.	0.3	2
26	Crosstalk mapping in CMOS SPAD arrays. , 2016, , .		13
27	The GAMMA-400 gamma-ray telescope for precision gamma-ray emission investigations. <i>Journal of Physics: Conference Series</i> , 2016, 675, 032009.	0.3	4
28	CALET UPPER LIMITS ON X-RAY AND GAMMA-RAY COUNTERPARTS OF GW151226. <i>Astrophysical Journal Letters</i> , 2016, 829, L20.	3.0	20
29	Separation of electrons and protons in the GAMMA-400 gamma-ray telescope. <i>Advances in Space Research</i> , 2015, 56, 1538-1545.	1.2	10
30	CALOCUBE: an approach to high-granularity and homogenous calorimetry for space based detectors. <i>Journal of Physics: Conference Series</i> , 2015, 587, 012029.	0.3	10
31	The CALorimetric Electron Telescope (CALET) for high-energy astroparticle physics on the International Space Station. <i>Journal of Physics: Conference Series</i> , 2015, 632, 012023.	0.3	8
32	The CALorimetric Electron Telescope (CALET) for high-energy astroparticle physics on the International Space Station. <i>EPJ Web of Conferences</i> , 2015, 95, 04056.	0.1	1
33	New calorimeters for space experiments: physics requirements and technological challenges. <i>Journal of Instrumentation</i> , 2015, 10, C07015-C07015.	0.5	0
34	The GAMMA-400 experiment: Status and prospects. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2015, 79, 417-420.	0.1	30
35	Charged Particle Detection with NUV-Sensitive SiPM in a Beam of Relativistic Ions. <i>IEEE Transactions on Nuclear Science</i> , 2014, 61, 2786-2793.	1.2	13
36	Status and performance of the CALorimetric Electron Telescope (CALET) on the International Space Station. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014, 256-257, 225-232.	0.5	8

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37	Silicon avalanche pixel sensor for high precision tracking. <i>Journal of Instrumentation</i> , 2014, 9, C03027-C03027.	0.5	19
38	Homogeneous and isotropic calorimetry for space experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 732, 311-315.	0.7	8
39	The GAMMA-400 Space Experiment: Gammas, Electrons and Nuclei Measurements. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2013, 239-240, 204-209.	0.5	1
40	Beam test performance of SiPM-based detectors for cosmic-ray experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 703, 177-182.	0.7	7
41	Status of the GAMMA-400 project. <i>Advances in Space Research</i> , 2013, 51, 297-300.	1.2	73
42	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. <i>Physics Reports</i> , 2013, 532, 119-244.	10.3	453
43	Performance of the Charge Detectors of CALET with relativistic ions. , 2013, , .		0
44	Design and performance of the GAMMA-400 gamma-ray telescope for dark matter searches. , 2013, , .		24
45	CALET: A calorimeter-based orbital observatory for High Energy Astroparticle Physics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 692, 240-245.	0.7	12
46	Beam test performance of a pixelated silicon array for the charge identification of cosmic rays. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 679, 7-13.	0.7	2
47	COSMIC-RAY PROTON AND HELIUM SPECTRA FROM THE FIRST CREAM FLIGHT. <i>Astrophysical Journal</i> , 2011, 728, 122.	1.6	290
48	Beam test performance of a scintillator-based detector for the charge identification of relativistic ions. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 659, 477-483.	0.7	33
49	A custom front-end ASIC for the readout and timing of 64 SiPM photosensors. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011, 215, 344-348.	0.5	32
50	An high resolution FDIRC for the measurement of cosmic-ray isotopic abundances. <i>Astroparticle Physics</i> , 2011, 35, 21-27.	1.9	5
51	Direct measurements of cosmic-ray energy: The kinematical method revisited. <i>Astroparticle Physics</i> , 2011, 35, 50-61.	1.9	3
52	Future balloon experiments for electron and positron measurements at high energy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 630, 296-300.	0.7	0
53	MEASUREMENTS OF THE RELATIVE ABUNDANCES OF HIGH-ENERGY COSMIC-RAY NUCLEI IN THE TeV/NUCLEON REGION. <i>Astrophysical Journal</i> , 2010, 715, 1400-1407.	1.6	41
54	DISCREPANT HARDENING OBSERVED IN COSMIC-RAY ELEMENTAL SPECTRA. <i>Astrophysical Journal Letters</i> , 2010, 714, L89-L93.	3.0	314

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55	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
56	ENERGY SPECTRA OF COSMIC-RAY NUCLEI AT HIGH ENERGIES. Astrophysical Journal, 2009, 707, 593-603.	1.6	160
57	Measurements of cosmic-ray energy spectra with the 2nd CREAM flight. Nuclear Physics, Section B, Proceedings Supplements, 2009, 196, 239-242.	0.5	6
58	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
59	Active control of the gain of a Silicon PhotoMultiplier. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 391-395.	0.7	22
60	Scintillation and Cherenkov light detection with a 3 mm $\tilde{\text{A}}$ – 3 mm Silicon PhotoMultiplier. Nuclear Physics, Section B, Proceedings Supplements, 2009, 197, 325-330.	0.5	4
61	A Silicon Array for Cosmic-Ray Composition Measurements in CALET. Journal of the Physical Society of Japan, 2009, 78, 181-183.	0.7	5
62	Preliminary results from the second flight of CREAM. Advances in Space Research, 2008, 41, 2002-2009.	1.2	6
63	CREAM: 70 days of flight from 2 launches in Antarctica. Advances in Space Research, 2008, 42, 1656-1663.	1.2	23
64	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
65	First measurements of cosmic-ray nuclei at high energy with CREAM. Advances in Space Research, 2008, 42, 403-408.	1.2	5
66	Approaching the Knee with Direct Measurements. Nuclear Physics, Section B, Proceedings Supplements, 2008, 175-176, 155-161.	0.5	2
67	The CALET mission on the ISS. Proceedings of SPIE, 2008, , .	0.8	4
68	THE CALET SPACE OBSERVATORY FOR JEM-EF ON THE INTERNATIONAL SPACE STATION. , 2008, , .		0
69	Performance of a Dual Layer Silicon Charge Detector During CREAM Balloon Flight. IEEE Transactions on Nuclear Science, 2007, 54, 1743-1747.	1.2	7
70	A large area silicon pixel array for the identification of relativistic nuclei in cosmic ray experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 316-318.	0.7	6
71	Front-end electronics with large dynamic range for space-borne cosmic ray experiments. Nuclear Physics, Section B, Proceedings Supplements, 2007, 172, 156-158.	0.5	2
72	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

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73	Development of a large area silicon pad detector for the identification of cosmic ions. Nuclear Physics, Section B, Proceedings Supplements, 2007, 172, 162-164.	0.5	3
74	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
75	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
76	The CREAM Calorimeter: Performance In Tests And Flights. AIP Conference Proceedings, 2006, , .	0.3	3
77	Cosmic ray measurements in the knee region: new perspectives for simultaneous air-borne and ground-based observations. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 407-410.	0.5	0
78	Performance of CREAM Calorimeter: Results of Beam Tests. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 272-275.	0.5	10
79	Development of front-end electronics with large dynamic range for space applications. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 390-393.	0.5	5
80	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	10.3	974
81	CREAM-Pushing the high energy frontier of directly measured cosmic rays. European Physical Journal D, 2006, 56, A301-A312.	0.4	0
82	Design, Implementation, and Performance of CREAM Data Acquisition Software. Nuclear Physics, Section B, Proceedings Supplements, 2006, 150, 304-307.	0.5	2
83	BEAM TEST CALIBRATION OF THE BALLOON-BORNE IMAGING CALORIMETER FOR THE CREAM EXPERIMENT. , 2005, , .		0
84	Construction and test of a scintillator hodoscope for the CREAM experiment. Nuclear Physics, Section B, Proceedings Supplements, 2004, 134, 75-77.	0.5	2
85	Cosmic-ray energetics and mass (CREAM) balloon project. Advances in Space Research, 2004, 33, 1777-1785.	1.2	55
86	Construction and test of a tungsten/Sci-Fi imaging calorimeter for the CREAM experiment. , 2004, 535, 143-143.		6
87	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
88	The Cosmic Ray Energetics and Mass (CREAM) experiment timing charge detector. , 2003, , .		5
89	PERFORMANCES OF THE AMS-02 ELECTROMAGNETIC CALORIMETER. , 2003, , .		1
90	The AMS-02 electromagnetic calorimeter. Nuclear Physics, Section B, Proceedings Supplements, 2002, 113, 159-165.	0.5	38

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91	Continuum gamma spectra from neutralino annihilation. Nuclear Physics, Section B, Proceedings Supplements, 2002, 113, 186-192.	0.5	0
92	Hadron energy reconstruction for the ATLAS calorimetry in the framework of the non-parametrical method ATLAS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 480, 508-523.	0.7	36
93	Experimental test of a new technique of background suppression in digital mammography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 478, 95-97.	0.7	2
94	A reduced scale e.m. calorimeter prototype for the AMS-02 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 490, 132-139.	0.7	15
95	<title>Proof-of-principle apparatus for scattering suppression in digital mammography</title>. , 2001, , .		0
96	Study of a new scatter rejection technique in digital radiography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 461, 410-412.	0.7	2
97	Results from a new combined test of an electromagnetic liquid argon calorimeter with a hadronic scintillating-tile calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 449, 461-477.	0.7	21
98	Fermiâ€“Dirac correlations in $\hat{b}$ pairs in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 395-406.	1.5	15
99	Search for single top production in $e^+e^-$ collisions at $\hat{A}$ â€“202â€“GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 494, 33-45.	1.5	7
100	Search for the glueball candidates $f_0(1500)$ and $f_j(1710)$ in $\hat{b}\hat{b}^3$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 189-199.	1.5	34
101	Search for R-parity violating decays of supersymmetric particles in $\{\mathrm{e}\}^+ \{\mathrm{e}\}^-$ collisions at centre-of-mass energies near 183 GeV. European Physical Journal C, 2000, 13, 29-46.	1.4	11
102	Measurement of the Z resonance parameters at LEP. European Physical Journal C, 2000, 14, 1-50.	1.4	35
103	Study of charm production in Z decays. European Physical Journal C, 2000, 16, 597-611.	1.4	108
104	Inclusive production of $\{\mathrm{pi}\}^0$ , $\{\mathrm{eta}\}$ , $\{\mathrm{m}\ \mathrm{eta}\{\prime\prime}\}(958)\}$ , $\{\mathrm{m}\ \mathrm{K}\{\circ\}_\{\mathrm{m}\ \mathrm{S}\}\}$ and $\{\mathrm{m}\ \mathrm{Lambda}\}$ in two- and three-jet events from hadronic Z decays. European Physical Journal C, 2000, 16, 613-634.	1.4	19
105	Search for the neutral Higgs bosons of the Standard Model and the MSSM in $\{\mathrm{e}\}^+ \{\mathrm{e}\}^-$ collisions at $\{\mathrm{s}\} = 189$ GeV. European Physical Journal C, 2000, 17, 223-240.	1.4	11
106	Measurements of the structure of quark and gluon jets in hadronic Z decays. European Physical Journal C, 2000, 17, 1-18.	1.4	30
107	Search for gauge mediated SUSY breaking topologies at $\{\mathrm{s}\} \sim 189$ GeV. European Physical Journal C, 2000, 16, 71-85.	1.4	13
108	Study of fermion pair production in $\{\mathrm{e}\}^+ \{\mathrm{e}\}^-$ collisions at $130$ â€“183 GeV. European Physical Journal C, 2000, 12, 183-207.	1.4	77

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109	Search for the standard model Higgs boson at the LEP2 Collider near GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 336-351.	1.5	9
110	Analysis of transverse momentum correlations in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 183-198.	1.5	0
111	Search for charged Higgs bosons in $e^+e^-$ collisions at $\sqrt{s} = 181-184$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 450, 467-478.	1.5	7
112	Measurement of W-pair production in $e^+e^-$ collisions at 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 107-120.	1.5	15
113	Measurement of the W mass in $e^+e^-$ collisions at 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 453, 121-137.	1.5	11
114	Measurement of the hadronic photon structure function at LEP 1 for $Q^2$ values between 9.9 and 284 GeV <sup>2</sup> . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 458, 152-166.	1.5	28
115	A study of single W production in $e^+e^-$ collisions at $\sqrt{s} = 183$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 462, 389-400.	1.5	15
116	Determination of the LEP centre-of-mass energy from $Z^0$ events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 464, 339-349.	1.5	5
117	A direct measurement of $ V_{cs} $ in hadronic W decays using a charm tag. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 465, 349-362.	1.5	8
118	Search for an invisibly decaying Higgs boson in $e^+e^-$ collisions at 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 466, 50-60.	1.5	11
119	Searches for sleptons and squarks in $e^+e^-$ collisions at 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 469, 303-314.	1.5	23
120	Measurement of the $e^+e^- \rightarrow \tau^+\tau^- ZZ$ production cross section at centre-of-mass energies of 183 and 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 469, 287-302.	1.5	26
121	Search for invisible Higgs boson decays in $e^+e^-$ collisions at centre-of-mass energies up to 184 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 450, 301-312.	1.5	7
122	Determination of. European Physical Journal C, 1999, 6, 555.	1.4	26
123	Search for supersymmetry with a dominant R-parity violating. European Physical Journal C, 1999, 7, 383.	1.4	5
124	Search for. European Physical Journal C, 1999, 7, 553.	1.4	5
125	Search for charginos and neutralinos in e. European Physical Journal C, 1999, 11, 193.	1.4	17
126	Study of. European Physical Journal C, 1999, 11, 599.	1.4	96



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127	Studies of Quantum Chromodynamics with the ALEPH detector. Physics Reports, 1998, 294, 1-165.	10.3	184
128	Measurement of triple gauge-boson couplings at 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 422, 369-383.	1.5	30
129	Resonant structure and flavour tagging in the $B^0 \rightarrow \pi^+ \pi^-$ system using fully reconstructed B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 425, 215-226.	1.5	39
130	Search for sleptons in $e^+e^- \rightarrow \tau^+\tau^-$ collisions at centre-of-mass energies up to 184 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 433, 176-194.	1.5	26
131	Search for charged Higgs bosons in $e^+e^- \rightarrow \tau^+\tau^-$ collisions at centre-of-mass energies from 130 to 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 418, 419-429.	1.5	9
132	Search for supersymmetry in the photon(s) plus missing energy channels at GeV and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 420, 127-139.	1.5	18
133	Four-jet final state production in $e^+e^- \rightarrow \tau^+\tau^-$ collisions at centre-of-mass energies ranging from 130 to 184 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 420, 196-204.	1.5	4
134	Measurement of the W mass by direct reconstruction in $e^+e^- \rightarrow \tau^+\tau^-$ collisions at 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 422, 384-398.	1.5	15
135	Determination of $A_{FB}^b$ using jet charge measurements in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 217-230.	1.5	11
136	A measurement of the inclusive $b \rightarrow s \gamma$ branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 429, 169-187.	1.5	259
137	Single- and multi-photon production in $e^+e^- \rightarrow \tau^+\tau^-$ collisions at a centre-of-mass energy of 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 429, 201-214.	1.5	36
138	Scalar quark searches in $e^+e^- \rightarrow \tau^+\tau^-$ collisions at $\sqrt{s}=181-184$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 189-199.	1.5	23
139	The forward-backward asymmetry for charm quarks at the Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 415-425.	1.5	8
140	A measurement of the gluon splitting rate into pairs in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 437-450.	1.5	22
141	Study of $D^0 \rightarrow \pi^+ \pi^-$ mixing and $D^0$ doubly Cabibbo-suppressed decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 211-221.	1.5	15
142	Search for the standard model Higgs boson at the LEP2 collider near. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 403-418.	1.5	7
143	Searches for the neutral Higgs bosons of the MSSM in $e^+e^- \rightarrow \tau^+\tau^-$ collisions at centre-of-mass energies of 181-184 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 419-434.	1.5	15
144	Measurement of triple gauge $WW\gamma$ couplings at LEP2 using photonic events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 445, 239-248.	1.5	8

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145	PENGUIN CORRECTIONS AND STRONG PHASES IN A TIME-DEPENDENT ANALYSIS OF $\overline{B^0} \rightarrow \pi^+ \pi^-$ . International Journal of Modern Physics A, 1998, 13, 251-271.	0.5	9
146	Three-prong. European Physical Journal C, 1998, 1, 65.	1.4	16
147	Measurement of the b baryon lifetime and branching fractions in Z decays. European Physical Journal C, 1998, 2, 197.	1.4	20
148	An upper limit on the. European Physical Journal C, 1998, 2, 395.	1.4	52
149	Searches for charginos and neutralinos in e. European Physical Journal C, 1998, 2, 417.	1.4	3
150	$K^0_S$ . European Physical Journal C, 1998, 4, 29.	1.4	19
151	Study of. European Physical Journal C, 1998, 4, 367.	1.4	11
152	Observation of doubly-charmed B decays at LEP. European Physical Journal C, 1998, 4, 387.	1.4	19
153	Measurement of the axial-vector. European Physical Journal C, 1998, 4, 409.	1.4	262
154	Search for supersymmetry with a dominant R-parity violating. European Physical Journal C, 1998, 4, 433.	1.4	11
155	Measurement of the fraction of hadronic Z decays into charm quark pairs. European Physical Journal C, 1998, 4, 557.	1.4	6
156	Search for evidence of compositeness at LEP I. European Physical Journal C, 1998, 4, 571.	1.4	14
157	A measurement of the semileptonic branching ratio. European Physical Journal C, 1998, 5, 205.	1.4	16
158	A measurement of Rb using a lifetime-mass tag. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 150-162.	1.5	35
159	A measurement of Rb using mutually exclusive tags. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 163-175.	1.5	30
160	Search for the Bc meson in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 402, 213-226.	1.5	20
161	Search for pair-production of long-lived heavy charged particles in $e^+e^-$ annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 405, 379-388.	1.5	23
162	Search for the neutral Higgs bosons of the MSSM in $e^+e^-$ collisions at from 130 to 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 173-188.	1.5	28

#	ARTICLE	IF	CITATIONS
163	Studies of QCD in $e^+e^-$ hadrons at $\sqrt{s} = 130$ and 136 GeV. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 409-420.	1.5	43
164	Transverse momentum correlations in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 421-432.	1.5	1
165	Inclusive production of neutral pions in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 451-461.	1.5	8
166	Improved measurement of the $B^0_d - \overline{B}^0_d$ oscillation frequency. Zeitschrift für Physik C-Particles and Fields, 1997, 75, 397-407.	1.5	23
167	Production of orbitally excited charm mesons in semileptonic B decays. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 601-612.	1.5	58
168	A study of $\tau$ decays involving $\eta$ and $\omega$ mesons. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 263-273.	1.5	54
169	Measurement of the spectral functions of vector current hadronic tau decays. Zeitschrift für Physik C-Particles and Fields, 1997, 76, 15-33.	1.5	140
170	The topology dependence of charged particle multiplicities in three-jet events. Zeitschrift für Physik C-Particles and Fields, 1997, 76, 191-199.	1.5	12
171	Measurements of $ V_{cb} $ , form factors and branching fractions in the decays and. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 395, 373-387.	1.5	66
172	Study of muon-pair production at centre-of-mass energies from 20 to 136 GeV with the ALEPH detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 399, 329-341.	1.5	30
173	Measurement of the W mass in $e^+e^-$ collisions at production threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 347-362.	1.5	28
174	Measurement of the branching fraction for $D^0 \rightarrow K^+ K^- \pi^+$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 403, 367-376.	1.5	12
175	Measurement of the transverse spin correlations in the decay $Z \rightarrow \tau^+ \tau^- \tau^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 405, 191-201.	1.5	8
176	Search for sleptons in $e^+e^-$ collisions at centre-of-mass energies of 161 GeV and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 377-388.	1.5	9
177	Search for the Standard Model Higgs boson in $e^+e^-$ collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 155-172.	1.5	14
178	Updated measurement of the $\tau$ , lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 362-372.	1.5	20
179	Searches for scalar top and scalar bottom quarks at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 431-446.	1.5	19
180	Measurement of the W-pair cross section in $e^+e^-$ collisions at 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 415, 435-444.	1.5	7

#	ARTICLE	IF	CITATIONS
181	Measurement of the. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1997, 74, 387.	1.5	5
182	Improved tau polarisation measurement. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1996, 69, 183-193.	1.5	14
183	Measurement of $D^+_{s1}$ meson production in $Z$ decays and of the $B^0_{s1}$ lifetime. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1996, 69, 585-595.	1.5	10
184	Measurement of the $\tau$ lepton lifetime. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1996, 70, 549-559.	1.5	10
185	Tau leptonic branching ratios. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1996, 70, 561-577.	1.5	19
186	Tau hadronic branching ratios. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1996, 70, 579-608.	1.5	30
187	Four-jet final state production in $\{m e^+e^-\}$ collisions at centre-of-mass energies of 130 and 136 GeV. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1996, 71, 179-197.	1.5	25
188	Mass limit for the lightest neutralino. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1996, 72, 549-559.	1.5	6
189	Improved measurement of the $B^0$ and $B^+$ meson lifetimes. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1996, 71, 31-44.	1.5	14
190	Determination of $\sin^2 \hat{\theta}_w^{\text{eff}}$ using jet charge measurements in hadronic $Z$ decays. Zeitschrift FÄ¼r Physik C-Particles and Fields, 1996, 71, 357-378.	1.5	6
191	Measurement of the $\hat{\theta}_b$ polarization in $Z$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 365, 437-447.	1.5	41
192	A precise measurement of the average $b$ hadron lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 369, 151-162.	1.5	11
193	Search for supersymmetric particles in $e^+e^-$ collisions at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 373, 246-260.	1.5	58
194	Study of the $B_s^0$ oscillation frequency using $D_s^+ \hat{a}, ^+ combinations in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 205-221.$	1.5	32
195	Measurement of hadron and lepton-pair production from $e^+e^-$ annihilation at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 378, 373-384.	1.5	20
196	Measurement of the mass of the $\hat{\theta}_b$ baryon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 442-452.	1.5	12
197	Mass limit for the standard model Higgs boson with the full LEP I ALEPH data sample. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 427-438.	1.5	35
198	Quark and gluon jet properties in symmetric three-jet events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 353-364.	1.5	40

#	ARTICLE	IF	CITATIONS
199	Search for charginos and neutralinos with R-parity violation at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 461-470.	1.5	7
200	Strange b baryon production and lifetime in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 449-460.	1.5	30
201	Measurement of the b forward-backward asymmetry and mixing using high-p <sub>T</sub> leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 414-426.	1.5	10
202	Search for CP violation in the decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 365-376.	1.5	10
203	Search for heavy lepton pair production in e+e <sup>-</sup> collisions at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 439-448.	1.5	15
204	Observation of charmless hadronic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 471-480.	1.5	14
205	A study of single and multi-photon production in e+e <sup>-</sup> collisions at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 333-342.	1.5	18
206	Search for excited leptons at 130-140 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 445-453.	1.5	22
207	Four-fermion production in e+e <sup>-</sup> collisions at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 419-430.	1.5	3
208	Charm counting in b decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 648-658.	1.5	16
209	Improved measurement of the B <sup>0</sup> and B <sup>+</sup> meson lifetimes. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 31-44.	1.5	8
210	Performance of the ALEPH detector at LEP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 481-506.	0.7	322
211	Measurements of the charged particle multiplicity distribution in restricted rapidity intervals. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 15-25.	1.5	24
212	Measurements of the charged particle multiplicity distribution in restricted rapidity intervals. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 15-25.	1.5	4
213	Improved tau polarisation measurement. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 183-193.	1.5	4
214	First measurement of the quark-to-photon fragmentation function. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 365-377.	1.5	5
215	Inclusive production of neutral vector mesons in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 379-392.	1.5	2
216	Production of excited beauty states in Z decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 393-404.	1.5	8

#	ARTICLE	IF	CITATIONS
217	Measurement of $D^0$ + meson production in Z decays and of the $B^0$ lifetime. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 585-595.	1.5	1
218	Measurement of the branching ratio and an upper limit on. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 343, 444-452.	1.5	61
219	A study of production in semileptonic B decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 103-114.	1.5	20
220	Study of the subjet structure of quark and gluon jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 389-398.	1.5	30
221	Search for CP violation in the decay $Z \rightarrow \tau^+ \tau^- + \bar{\nu}_\tau \nu_\tau$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 371-378.	1.5	22
222	Michel parameters and $\bar{\nu}_\tau$ neutrino helicity from decay correlations in $Z \rightarrow \tau^+ \tau^- + \bar{\nu}_\tau \nu_\tau$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 346, 379-388.	1.5	16
223	An upper limit for the $\bar{\nu}_\tau$ neutrino mass from $\bar{\nu}_\tau \rightarrow \nu_\tau + \gamma$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 585-596.	1.5	75
224	Search for supersymmetric particles with R-parity violation in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 238-252.	1.5	16
225	The forward-backward asymmetry for charm quarks at the Z pole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 479-486.	1.5	9
226	Test of the flavour independence of $\hat{\Gamma}_\pm$ s. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 381-393.	1.5	15
227	Measurement of the $D^0 \rightarrow \pi^+ \pi^-$ cross section in two photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 355, 595-605.	1.5	26
228	Limit on $B^0$ s oscillation using a jet charge method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 356, 409-422.	1.5	25
229	Measurement of $\hat{\Gamma}_\pm$ s from scaling violations in fragmentation functions in $e^+e^-$ annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 487-499.	1.5	55
230	Measurements of the b baryon lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 685-698.	1.5	20
231	Measurement of the effective b quark fragmentation function at the Z resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 699-714.	1.5	40
232	A measurement of $ V_{cb} $ from. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 359, 236-248.	1.5	40
233	Measurement of the $B^0$ lifetime and production rate with $D_s^+ \pi^-$ combinations in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 221-233.	1.5	30
234	Correlation measurements in $Z \rightarrow \tau^+ \tau^- + \bar{\nu}_\tau \nu_\tau$ and the $\bar{\nu}_\tau$ neutrino helicity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 321, 168-176.	1.5	27

#	ARTICLE	IF	CITATIONS
235	Observation of monojet events and tentative interpretation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 334, 244-252.	1.5	6
236	One-prong $\tilde{l}$ , decays into charged kaons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 209-218.	1.5	19
237	$K_0$ production in one-prong $\tilde{l}$ , decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 332, 219-227.	1.5	16
238	Measurement of the $B_s^0$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 275-286.	1.5	19
239	An investigation of $B_d^0$ and $B_s^0$ oscillation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 441-458.	1.5	43
240	A measurement of $A_{FB}^b$ in lifetime tagged heavy flavour Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 99-108.	1.5	16
241	Production of charmed mesons in Z decays. Zeitschrift für Physik C-Particles and Fields, 1994, 62, 1-14.	1.5	34
242	An experimental study of $\tilde{l}\tilde{l}^*$ hadrons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 509-519.	1.5	45
243	Measurement of the ratio using event shape variables. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 549-563.	1.5	27
244	Search for particles with unexpected mass and charge in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 198-208.	1.5	21
245	Measurement of the $\tilde{l}$ and $B_{\tilde{l}}^*$ meson lifetimes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 194-208.	1.5	41
246	Measurement of the strong coupling constant using $\tilde{l}$ , decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 209-220.	1.5	61
247	First measurement of the $B_S$ meson mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 425-436.	1.5	33
248	Search for the standard model Higgs boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 299-311.	1.5	54
249	Search for high mass photon pairs in $(f = e, \tilde{l}, \nu, q)$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 308, 425-434.	1.5	7
250	Measurement of the branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 479-491.	1.5	35
251	Measurement of the tau polarisation at the Z resonance. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 369-386.	1.5	18
252	Measurement of prompt photon production in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1993, 57, 17-35.	1.5	15

#	ARTICLE	IF	CITATIONS
253	Search for contact interactions in the reaction $e^+e^- \rightarrow l^+l^- + l^+\nu$ and $e^+e^- \rightarrow e^+\nu\bar{\nu}$ . Zeitschrift für Physik C-Particles and Fields, 1993, 59, 215-229.	1.5	14
254	Update of electroweak parameters from Z decays. Zeitschrift für Physik C-Particles and Fields, 1993, 60, 71-81.	1.5	24
255	Observation of the time dependence of mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 498-508.	1.5	37
256	A direct measurement of the invisible width of the Z from single photon counting. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 520-534.	1.5	30
257	A precise measurement of $\Gamma(Z \rightarrow b\bar{b})/\Gamma(Z \rightarrow \text{hadrons})$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 535-548.	1.5	149
258	Search for a non-minimal Higgs boson produced in the reaction $e^+e^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 312-325.	1.5	78
259	Measurement of the b hadron lifetime with the dipole method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 314, 459-470.	1.5	15
260	Measurement of Tau branching ratios. Zeitschrift für Physik C-Particles and Fields, 1992, 54, 211-228.	1.5	24
261	Measurement of the production rates of $\tau^+$ and $\tau^+\nu$ in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 292, 210-220.	1.5	31
262	A measurement of the b baryon lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 449-458.	1.5	29
263	Search for CP violation in $Z \rightarrow b\bar{b}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 459-468.	1.5	39
264	Measurements of mean lifetime and branching fractions of b hadrons decaying to $J/\psi$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 396-408.	1.5	32
265	Observation of the semileptonic decays of $B^0$ and $B^+$ hadrons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 294, 145-156.	1.5	34
266	Measurement of the absolute luminosity with the ALEPH detector. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 375-390.	1.5	20
267	Properties of hadronic Z decays and test of QCD generators. Zeitschrift für Physik C-Particles and Fields, 1992, 55, 209-234.	1.5	58
268	Improved measurements of electroweak parameters from Z decays into fermion pairs. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 1-20.	1.5	70
269	Measurement of the tau lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 279, 411-421.	1.5	21
270	Evidence for b baryons in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 278, 209-216.	1.5	36



#	ARTICLE	IF	CITATIONS
271	Search for a very light CP-odd neutral Higgs boson of the MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 285, 309-318.	1.5	6
272	Evidence for the triple-gluon vertex from measurements of the QCD colour factors in Z decay into four jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 284, 151-162.	1.5	31
273	Measurement of $\hat{\Gamma}_{\pm}$ in hadronic Z decays using all-orders resummed predictions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 284, 163-176.	1.5	54
274	Measurement of mixing at the Z using a jet-charge method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 284, 177-190.	1.5	27
275	Updated measurement of the average b hadron lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 174-186.	1.5	26
276	A precise measurement of the $\hat{\Gamma}_{\tau}$ lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 432-448.	1.5	14
277	Performance of the ALEPH Time Projection Chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 306, 446-458.	0.7	62
278	Measurement of the polarization of $\hat{\Gamma}_{\tau}$ leptons produced in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 265, 430-444.	1.5	72
279	Search for the neutral Higgs bosons of the MSSM and other two-doublet models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 265, 475-486.	1.5	28
280	Measurement of isolated photon production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 264, 476-486.	1.5	26
281	Measurement of the charged particle multiplicity distribution in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 273, 181-192.	1.5	72
282	Measurement of the forward-backward asymmetry in and. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 263, 325-336.	1.5	40
283	Search for a new weakly interacting particle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 262, 139-147.	1.5	7
284	Production and decay of charmed mesons at the Z resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 266, 218-230.	1.5	43
285	Measurement of charge asymmetry in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 259, 377-388.	1.5	37
286	Charged particle pair production associated with a lepton pair in Z decays. indication of an excess in the tau channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 263, 112-122.	1.5	18
287	Measurement of $\hat{\Gamma}_{\pm}$ from the structure of particle clusters produced in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 257, 479-491.	1.5	44
288	Measurement of the B hadron lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 257, 492-504.	1.5	22

#	ARTICLE	IF	CITATIONS
289	Tracking with the ALEPH time projection chamber. IEEE Transactions on Nuclear Science, 1991, 38, 432-440.	1.2	0
290	Search for a very light Higgs boson in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 245, 289-297.	1.5	40
291	Search for neutralino production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 541-550.	1.5	46
292	Heavy flavour production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 551-565.	1.5	101
293	Search for excited leptons in Z0 decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 501-510.	1.5	31
294	A search for new quarks and leptons from Z0 decay at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 511-522.	1.5	77
295	Search for supersymmetric particles using acoplanar charged-particle pairs from Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 86-94.	1.5	83
296	Search for the neutral Higgs boson from Z0 decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 233-244.	1.5	87
297	Searches for the standard Higgs boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 246, 306-314.	1.5	73
298	Search for neutral Higgs bosons from supersymmetry in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 237, 291-302.	1.5	64
299	Search for the neutral Higgs Boson from Z0 decay in the Higgs mass range between 11 and 24 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 141-149.	1.5	74
300	A search for pair-produced charged Higgs bosons in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 623-634.	1.5	42
301	Search for decays of the Z0 into a photon and a pseudoscalar meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 635-643.	1.5	8
302	Determination of the leptonic branching ratios of the Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 399-408.	1.5	16
303	A precise determination of the number of families with light neutrinos and of the Z boson partial widths. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 399-411.	1.5	104
304	Properties of hadronic events in $e^+e^- \rightarrow \gamma^* \rightarrow \text{hadrons}$ annihilation at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 209-218.	1.5	63
305	Gas system for ALEPH TPC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 289, 176-184.	0.7	2
306	Data acquisition for the Aleph TPC: A case study for LEP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 289, 569-576.	0.7	4

#	ARTICLE	IF	CITATIONS
307	ALEPH: A detector for electron-positron annihilations at LEP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 294, 121-178.	0.7	416
308	The read-out processors of the Aleph time projection chamber and their performance. IEEE Transactions on Nuclear Science, 1990, 37, 1210-1215.	1.2	0
309	Determination of the number of light neutrino species. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 519-529.	1.5	239
310	The FASTBUS readout system for the Aleph time projection chamber. IEEE Transactions on Nuclear Science, 1989, 36, 1514-1517.	1.2	6
311	Management and control of the read out processors (TPPs) of the Aleph time projection chamber. IEEE Transactions on Nuclear Science, 1989, 36, 1459-1463.	1.2	2
312	The spatial resolution of the ALEPH TPC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 283, 573-577.	0.7	7
313	A Measurement of D <sup>0</sup> Lifetime. Europhysics Letters, 1988, 5, 407-412.	0.7	4
314	The $\Gamma_{\pm}$ radiative decay width: A measurement at 200 GeV. Nuclear Physics B, 1987, 288, 659-680.	0.9	32
315	$\hat{\Gamma}_{\pm}$ c Photoproduction and lifetime measurement. Zeitschrift für Physik C-Particles and Fields, 1987, 36, 513-516.	1.5	11
316	The MC68020-Based FASTBUS Read-Out Processor of the Aleph Time Projection Chamber. IEEE Transactions on Nuclear Science, 1987, 34, 127-132.	1.2	0
317	The Crate Clustering Card. IEEE Transactions on Nuclear Science, 1987, 34, 187-190.	1.2	5
318	A measurement of the space-like pion electromagnetic form factor. Nuclear Physics B, 1986, 277, 168-196.	0.9	529
319	Dependence of the transverse diffusion of drifting electrons on magnetic field. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 244, 516-520.	0.7	15
320	TPC90, a test model for the ALEPH time projection chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 252, 392-398.	0.7	9
321	Studies of wire gain and track distortion near the sector edges of the ALEPH time projection chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 252, 399-402.	0.7	6
322	Gating in the ALEPH time projection chamber. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 252, 403-406.	0.7	12
323	A measurement of the kaon charge radius. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 178, 435-440.	1.5	212
324	First measurement of the reaction $\bar{K}^0 \rightarrow \pi^+ \pi^- e^+ e^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 155, 457-460.	1.5	14

#	ARTICLE	IF	CITATIONS
325	Calibration of field inhomogeneities in a time projection chamber with laser rays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1985, 235, 296-299.	0.7	17
326	Measurement of Magnetic and Electric Field Inhomogeneities in a Time Projection Chamber Using Laser Tracks. IEEE Transactions on Nuclear Science, 1985, 32, 605-608.	1.2	5
327	A Flash ADC System for TPC Readout. IEEE Transactions on Nuclear Science, 1985, 32, 658-662.	1.2	2
328	A 50 Microns Granularity Monolithic Ge Target. IEEE Transactions on Nuclear Science, 1984, 31, 945-948.	1.2	2
329	A Monolithic Germanium Target with 100 Microns Granularity for Life-Time Measurement of Charmed Particles. IEEE Transactions on Nuclear Science, 1983, 30, 98-102.	1.2	11
330	Multi Electrode Semiconductor Detectors. Physica Scripta, 1981, 23, 674-676.	1.2	3
331	Tracking With The ALEPH Time Projection Chamber. , 0, , .		0