

# Erik Silvio Vallazza

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

478  
papers

12,137  
citations

48  
h-index

90  
g-index

527  
ext. papers

13,043  
ext. citations

3.5  
avg, IF

5.16  
L-index

#	Paper	IF	Citations
478	Muon detection in electron-positron annihilation for muon collider studies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2022</b> , 1024, 166129	1.2	
477	Upgrade of the scintillating bars detector for the ASACUSA experiment. <i>EPJ Web of Conferences</i> , <b>2022</b> , 262, 01013	0.3	
476	Investigation on radiation generated by sub-GeV electrons in ultrashort silicon and germanium bent crystals. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	2
475	Progress towards the first measurement of charm baryon dipole moments. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	2
474	Limits on antiproton-nuclei annihilation cross sections at ~125 keV. <i>Nuclear Physics A</i> , <b>2021</b> , 1009, 122170	0.3	6
473	A study of muon-electron elastic scattering in a test beam. <i>Journal of Instrumentation</i> , <b>2021</b> , 16, P06005	1	5
472	Measurement of the muon transfer rate from muonic hydrogen to oxygen in the range 70-336 K. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2021</b> , 403, 127401	2.3	1
471	Exploiting the wide dynamic range of silicon photomultipliers for quantum optics applications. <i>EPJ Quantum Technology</i> , <b>2021</b> , 8,	6.9	2
470	Investigation on steering of ultrarelativistic ( $e^{\pm}$ ) beam through an axially oriented bent crystal. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	3
469	ENUBET: a monitored neutrino beam for the precision era of neutrino physics. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2156, 012234	0.3	
468	A portable cosmic ray detector for school education. <i>Journal of Instrumentation</i> , <b>2021</b> , 16, P12008	1	
467	The ENUBET positron tagger prototype: construction and testbeam performance. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, P08001-P08001	1	2
466	Ce:LaBr <sub>3</sub> crystals with SiPM array readout and temperature control for the FAMU experiment at RAL. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, C05065-C05065	1	0
465	Decay tunnel instrumentation for the ENUBET neutrino beam. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, C05059-C05059		
464	First measurement of the temperature dependence of muon transfer rate from muonic hydrogen atoms to oxygen. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2020</b> , 384, 126667	2.3	3
463	Broad angular anisotropy of multiple scattering in a Si crystal. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	6
462	A high precision narrow-band neutrino beam: The ENUBET project. <i>International Journal of Modern Physics A</i> , <b>2020</b> , 35, 2044017	1.2	0

461	Study of muon pair production from positron annihilation at threshold energy. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, P01036-P01036	1	6
460	Polysiloxane-based scintillators for shashlik calorimeters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2020</b> , 956, 163379	1.2	7
459	Silicon Photomultipliers for the decay tunnel instrumentation of the ENUBET neutrino beam. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2020</b> , 983, 164482	1.2	
458	The FAMU experiment: muonic hydrogen high precision spectroscopy studies. <i>European Physical Journal A</i> , <b>2020</b> , 56, 1	2.5	4
457	Transition radiation measurements with a Si and a GaAs pixel sensor on a Timepix3 chip. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2020</b> , 958, 162037	1.2	5
456	The ENUBET ERC project for an instrumented decay tunnel for future neutrino beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2020</b> , 958, 162162	1.2	
455	The upgraded beam monitor system of the FAMU experiment at RIKEN-BAL. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 936, 592-594	1.2	3
454	First measurements of the spectral and angular distribution of transition radiation using a silicon pixel sensor on a Timepix3 chip. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 936, 523-526	1.2	5
453	Identification of particles with Lorentz factor up to 104 with Transition Radiation Detectors based on micro-strip silicon detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 927, 1-13	1.2	4
452	Shashlik calorimeters for the ENUBET tagged neutrino beam. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1162, 012032	0.3	
451	Shashlik calorimeters: Novel compact prototypes for the ENUBET experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 936, 148-149	1.2	2
450	Irradiation and performance of RGB-HD Silicon Photomultipliers for calorimetric applications. <i>Journal of Instrumentation</i> , <b>2019</b> , 14, P02029-P02029	1	9
449	Development of Transition Radiation Detectors for hadron identification at TeV energy scale. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1390, 012126	0.3	2
448	Muonic atom X-ray spectroscopy for non-destructive analysis of archeological samples. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2019</b> , 322, 1357-1363	1.5	7
447	Measurement of the energy spectra and of the angular distribution of the Transition Radiation with a silicon strip detector. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1390, 012115	0.3	
446	High performance DAQ for muon spectroscopy experiments. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 936, 327-328	1.2	2
445	A feasibility test run for the MUonE project. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 936, 636-637	1.2	6
444	CHNET-TANDEM experiment: Use of negative muons at RIKEN-RAL Port4 for elemental characterization of Etruscan bronze samples. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 936, 27-28	1.2	4

443	Measurement of the antiproton-nucleus annihilation cross-section at low energy. <i>Nuclear Physics A</i> , <b>2018</b> , 970, 366-378	1.3	14
442	Strong Reduction of the Effective Radiation Length in an Axially Oriented Scintillator Crystal. <i>Physical Review Letters</i> , <b>2018</b> , 121, 021603	7.4	9
441	Status of the ENUBET project. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1056, 012047	0.3	
440	Calibration of AGILE-GRID with On-ground Data and Monte Carlo Simulations. <i>Astrophysical Journal</i> , <b>2018</b> , 861, 125	4.7	4
439	FAMU: study of the energy dependent transfer rate $\bar{p} \rightarrow \bar{D}$ . <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1138, 012017	0.3	2
438	The FAMU experiment at RIKEN-RAL to study the muon transfer rate from hydrogen to other gases. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P12033-P12033	1	6
437	Experimental technique for antiproton-nucleus annihilation cross section measurements at low energy. <i>EPJ Web of Conferences</i> , <b>2018</b> , 182, 03009	0.3	
436	Antiproton-nucleus annihilation cross section at low energy. <i>EPJ Web of Conferences</i> , <b>2018</b> , 182, 03013	0.3	
435	Testbeam performance of a shashlik calorimeter with fine-grained longitudinal segmentation. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P01028-P01028	1	10
434	First FAMU observation of muon transfer from $\bar{p}$ atoms to higher-Z elements. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P02019-P02019	1	5
433	Longitudinally segmented shashlik calorimeters with SiPM readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2017</b> , 845, 511-514	1.2	1
432	Shashlik Calorimeters With Embedded SiPMs for Longitudinal Segmentation. <i>IEEE Transactions on Nuclear Science</i> , <b>2017</b> , 64, 1056-1061	1.7	16
431	The construction of the Fiber-SiPM beam monitor system of the R484 and R582 experiments at the RIKEN-RAL muon facility. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, C03035-C03035	1	6
430	Splitting of a high-energy positively-charged particle beam with a bent crystal. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2017</b> , 402, 296-299	1.2	1
429	Experimental evidence of independence of nuclear de-channeling length on the particle charge sign. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	11
428	The LaBr3(Ce) based detection system for the FAMU experiment. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, C03067-C03067	1	2
427	Steering of Sub-GeV electrons by ultrashort Si and Ge bent crystals. <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	15
426	New results of the antiproton-carbon annihilation cross section measurement at low energies. <i>EPJ Web of Conferences</i> , <b>2016</b> , 130, 07014	0.3	1

425	Emission of photons by positrons channeled in single crystals near an energy of 100 GeV. <i>Journal of Experimental and Theoretical Physics</i> , <b>2016</b> , 122, 802-812	1	1
424	Relaxation of axially confined 400 GeV/c protons to planar channeling in a bent crystal. <i>European Physical Journal C</i> , <b>2016</b> , 76, 1	4.2	11
423	Channeling radiation of multi-GeV positrons in single crystals. <i>International Journal of Modern Physics A</i> , <b>2016</b> , 31, 1650051	1.2	5
422	The design and construction of the MICE Electron-Muon Ranger. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, T10007-T10007	1	7
421	Steps towards the hyperfine splitting measurement of the muonic hydrogen ground state: pulsed muon beam and detection system characterization. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P05007-P05007 <sup>†</sup>		29
420	A compact light readout system for longitudinally segmented shashlik calorimeters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 830, 345-354	1.2	15
419	Single and multichannel scintillating fiber dosimeter for radiotherapeutic beams with SiPM readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 838, 1-11	1.2	1
418	A SiPM based real time dosimeter for radiotherapeutic beams. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 773, 72-80	1.2	5
417	Observation of nuclear dechanneling length reduction for high energy protons in a short bent crystal. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 743, 440-443 <sup>2</sup>	4.2	3
416	The experimental setup of the Interaction in Crystals for Emission of RADiation collaboration at Mainzer Mikrotron: Design, commissioning, and tests. <i>Review of Scientific Instruments</i> , <b>2015</b> , 86, 045102 <sup>1.7</sup>	1.7	4
415	Orientalional Coherent Effects of High-Energy Particles in a LiNbO3 Crystal. <i>Physical Review Letters</i> , <b>2015</b> , 115, 015503	7.4	7
414	First measurement of the antiproton-nucleus annihilation cross section at 125 keV. <i>Hyperfine Interactions</i> , <b>2015</b> , 234, 85-92	0.8	5
413	Investigation of the Electromagnetic Radiation Emitted by Sub-GeV Electrons in a Bent Crystal. <i>Physical Review Letters</i> , <b>2015</b> , 115, 025504	7.4	35
412	The fiber-SiPMT beam monitor of the R484 experiment at the RIKEN-RAL muon facility. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, C03007-C03007	1	6
411	Comparative results on the deflection of positively and negatively charged particles by multiple volume reflections in a multi-strip silicon deflector. <i>JETP Letters</i> , <b>2015</b> , 101, 679-684	1.2	4
410	Study of the readout configuration of the GAMMA-400 silicon tracker sensors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 798, 80-87	1.2	2
409	Scintillating bar detector for antiproton annihilations measurements. <i>Hyperfine Interactions</i> , <b>2015</b> , 233, 53-58	0.8	11
408	A real time scintillating fiber Time of Flight spectrometer for LINAC photoproduced neutrons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 777, 154-160	1.2	3

407	Steering efficiency of a ultrarelativistic proton beam in a thin bent crystal. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	18
406	Steering of a sub-GeV electron beam through planar channeling enhanced by rechanneling. <i>Physical Review Letters</i> , <b>2014</b> , 112, 135503	7.4	62
405	Silicon photomultiplier characterization with a scintillating bar detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 750, 38-42	1.2	1
404	LYSO crystal calorimeter readout with silicon photomultipliers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 763, 248-254	1.2	4
403	Experimental investigation of $\approx 30$ keV kinetic energy antiprotons annihilation on nuclei. <i>Hyperfine Interactions</i> , <b>2014</b> , 229, 31-36	0.8	1
402	Single and Multiple Volume Reflections of Ultra-Relativistic Electrons in a Bent Crystal as Tools for Intense Production of Electromagnetic Radiation. <i>Journal of Physics: Conference Series</i> , <b>2014</b> , 517, 012043	0.3	5
401	Dysprosium detector for neutron dosimetry in external beam radiotherapy. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 759, 92-98	1.2	2
400	Characterization of a DAQ system for the readout of a SiPM based shashlik calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 735, 422-430	1.2	9
399	Experimental results on antiproton-nuclei annihilation cross section at very low energies. <i>EPJ Web of Conferences</i> , <b>2014</b> , 66, 09001	0.3	1
398	Comparator threshold settings and the effective pixel width of the PICASSO detector. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, C05056-C05056	1	4
397	Beam Diagnostics for Measurements of Antiproton Annihilation Cross Sections at Ultra-low Energy. <i>EPJ Web of Conferences</i> , <b>2014</b> , 66, 09020	0.3	
396	The Physics of the B Factories. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	233
395	Experimental evidence of planar channeling in a periodically bent crystal. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	19
394	Measurement of the dechanneling length for high-energy negative pions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 719, 70-73	4.2	32
393	On the radiation accompanying volume reflection. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2013</b> , 309, 135-140	1.2	17
392	Broad and intense radiation accompanying multiple volume reflection of ultrarelativistic electrons in a bent crystal. <i>Physical Review Letters</i> , <b>2013</b> , 111, 255502	7.4	30
391	A microstrip silicon telescope for high performance particle tracking. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 729, 527-536	1.2	10
390	Characterization of strip detector parameters for the SuperB Silicon Vertex Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 718, 356-357	1.2	

389	A SiPM based readout system for lead tungstate crystals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 732, 380-383	1.2	3
388	Experimental apparatus for annihilation cross-section measurements of low energy antiprotons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 711, 12-20	1.2	19
387	SiPM based readout system for PbWO <sub>4</sub> crystals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 718, 63-65	1.2	1
386	Imaging results and TOF studies with axial PET detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 732, 586-590	1.2	3
385	Planar channeling steering of an ultrarelativistic proton beam through a bent germanium crystal <b>2013</b> ,		3
384	Coherent effects of high-energy particles in a graded Si(1-x)Ge(x) crystal. <i>Physical Review Letters</i> , <b>2013</b> , 110, 175502	7.4	16
383	Highly bent (110) Ge crystals for efficient steering of ultrarelativistic beams. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 154902	2.5	7
382	An updated list of AGILE bright $\gamma$ -ray sources and their variability in pointing mode. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 558, A137	5.1	11
381	Calibration of AGILE-GRID with in-flight data and Monte Carlo simulations. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 558, A37	5.1	13
380	Characterization of a tagged . <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2012</b> , 674, 55-66	1.2	7
379	Radiation emission phenomena in bent silicon crystals: Theoretical and experimental studies with 120 GeV/c positrons. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2012</b> , 283, 84-92	1.2	21
378	A topologically connected multistrip crystal for efficient steering of high-energy beam. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, P04002-P04002	1	4
377	The characterization of the distant blazar GB6 J1239+0443 from flaring and low activity periods. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 425, 2015-2026	4.3	9
376	In-flight antiproton annihilation on nuclei at low energies. <i>Hyperfine Interactions</i> , <b>2012</b> , 213, 31-39	0.8	3
375	First experimental detection of antiproton in-flight annihilation on nuclei at ~ 130 keV. <i>European Physical Journal Plus</i> , <b>2012</b> , 127, 1	3.1	18
374	Silicon photomultipliers for scintillating trackers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2012</b> , 695, 261-264 <sup>1,2</sup>		
373	Upper limits on the high-energy emission from gamma-ray bursts observed by AGILE-GRID. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 547, A95	5.1	9
372	AGILE detection of Cygnus X-3 $\gamma$ -ray active states during the period mid-2009/mid-2010. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 538, A63	5.1	24

371	High spatial resolution correlation of AGILE TGFs and global lightning activity above the equatorial belt. <i>Geophysical Research Letters</i> , <b>2011</b> , 38, n/a-n/a	4.9	28
370	Discovery of powerful gamma-ray flares from the Crab Nebula. <i>Science</i> , <b>2011</b> , 331, 736-9	33.3	249
369	. <i>IEEE Transactions on Nuclear Science</i> , <b>2011</b> , 58, 1297-1307	1.7	10
368	Development of a fast read-out system of a single photon counting detector for mammography with synchrotron radiation. <i>Journal of Instrumentation</i> , <b>2011</b> , 6, C12031-C12031	1	10
367	Study of the $\gamma$ -ray source 1AGL J2022+4032 in the Cygnus region. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 525, A33	5.1	13
366	The AGILE observations of the hard and bright GRB J100724B. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 535, A120	5.1	17
365	Observation of multiple volume reflection by different planes in one bent silicon crystal for high-energy negative particles. <i>Europhysics Letters</i> , <b>2011</b> , 93, 56002	1.6	18
364	AGILE detection of extreme $\gamma$ -ray activity from the blazar PKS 1510-089 during March 2009. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 529, A145	5.1	56
363	Measurement of the antiproton-nucleus annihilation cross section at 5.3 MeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 704, 461-466	4.2	34
362	Terrestrial gamma-ray flashes as powerful particle accelerators. <i>Physical Review Letters</i> , <b>2011</b> , 106, 018501	9.1	133
361	The observation of gamma ray bursts and terrestrial gamma-ray flashes with AGILE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 630, 155-158	1.2	2
360	First results about on-ground calibration of the silicon tracker for the AGILE satellite. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 630, 251-257	1.2	13
359	Tests of the MICE Electron Muon Ranger frontend electronics with a small scale prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 646, 108-117	1.2	3
358	Galactic sources science with AGILE: The case of the Carina Region. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 630, 193-197	1.2	1
357	The flaring blazars of the first 1.5 years of the AGILE mission. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 630, 198-201	1.2	
356	Preliminary results on TeV sources search with AGILE. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 630, 202-205 <sup>1,2</sup>		2
355	Breast computed tomography with the PICASSO detector: A feasibility study. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 628, 419-422	1.2	4
354	Volume reflection observations in bent crystals with 13GeV/c particles. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2011</b> , 269, 612-621	1.2	6



353	A shashlik calorimeter readout with silicon photomultipliers with no amplification of the output signal. <i>Journal of Instrumentation</i> , <b>2011</b> , 6, P10004-P10004	1	4
352	Steering of an ultrarelativistic proton beam by a bent germanium crystal. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 234102	3.4	10
351	In-flight antiproton annihilation on nuclei at low energies <b>2011</b> , 251-259		
350	A year-long AGILE observation of Cygnus X-1 in hard spectral state. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 520, A67	5.1	5
349	AGILE detection of GeV $\gamma$ emission from the SNR W28. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 516, L11	5.1	64
348	Monitoring the hard X-ray sky with SuperAGILE. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 510, A9	5.1	7
347	Detection of gamma-ray emission from the Vela pulsar wind nebula with AGILE. <i>Science</i> , <b>2010</b> , 327, 663-663	5.3	31
346	Gamma-ray localization of terrestrial gamma-ray flashes. <i>Physical Review Letters</i> , <b>2010</b> , 105, 128501	7.4	30
345	Photoproduction of electron-positron pairs in bent single crystals. <i>Physical Review Special Topics: Accelerators and Beams</i> , <b>2010</b> , 13,		2
344	Measurement of the linear attenuation coefficients of breast tissues by synchrotron radiation computed tomography. <i>Physics in Medicine and Biology</i> , <b>2010</b> , 55, 4993-5005	3.8	57
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208	Two-dimensional analysis of the Bose-Einstein correlations in $e^+e^-$ annihilation at the $Z^0$ peak. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 471, 460-470	4.2	30
207	Consistent measurements of $(\alpha_s)$ from precise oriented event shape distributions. <i>European Physical Journal C</i> , <b>2000</b> , 14, 557-584	4.2	33
206	A precise measurement of the $(\tau)$ polarisation at LEP-1. <i>European Physical Journal C</i> , <b>2000</b> , 14, 585-611	4.2	11
205	Measurement of the strange quark forward-backward asymmetry around the $Z^0$ peak. <i>European Physical Journal C</i> , <b>2000</b> , 14, 613-631	4.2	8
204	Cross-sections and leptonic forward-backward asymmetries from the $Z^0$ running of LEP. <i>European Physical Journal C</i> , <b>2000</b> , 16, 371-405	4.2	33
203	Searches for neutral Higgs bosons in $(e^+e^-)$ collisions around $(\sqrt{s}) = 189$ GeV. <i>European Physical Journal C</i> , <b>2000</b> , 17, 187-205	4.2	11
202	Measurement of the $(B^0_s)$ lifetime and study of $(B^0_s)-(\overline{B^0_s})$ oscillations using $(D_s^{\text{ell}})$ events. <i>European Physical Journal C</i> , <b>2000</b> , 16, 555-578	4.2	23
201	Photon events with missing energy at $(\sqrt{s}) = 183$ to 189 GeV. <i>European Physical Journal C</i> , <b>2000</b> , 17, 53-65	4.2	44
200	Identified charged particles in quark and gluon jets. <i>European Physical Journal C</i> , <b>2000</b> , 17, 207-222	4.2	34
199	Charged and identified particles in the hadronic decay of W bosons and in $(e^+e^- \rightarrow q\bar{q})$ from 130 to 200 GeV. <i>European Physical Journal C</i> , <b>2000</b> , 18, 203-228	4.2	24
198	Study of $(B^0_s)-(\overline{B^0_s})$ oscillations and $(B^0_s)$ lifetimes using hadronic decays of $(B^0_s)$ mesons. <i>European Physical Journal C</i> , <b>2000</b> , 18, 229-252	4.2	7
197	Search for supersymmetric particles in scenarios with a gravitino LSP and stau NLSP. <i>European Physical Journal C</i> , <b>2000</b> , 16, 211-228	4.2	6
196	A study of the Lorentz structure in tau decays. <i>European Physical Journal C</i> , <b>2000</b> , 16, 229-252	4.2	16
195	Measurements of the Z partial decay width into $(c\bar{c})$ and multiplicity of charm quarks per b decay. <i>European Physical Journal C</i> , <b>2000</b> , 12, 225-241	4.2	7
194	Determination of $(P(c \rightarrow D^{*+}))$ and $(BR(c \rightarrow l^+))$ at LEP 1. <i>European Physical Journal C</i> , <b>2000</b> , 12, 209-224	4.2	20
193	Mammography with synchrotron radiation: phase-detection techniques. <i>Radiology</i> , <b>2000</b> , 215, 286-93	20.5	227
192	Experimental evaluation of a simple algorithm to enhance the spatial resolution in scanned radiographic systems. <i>Medical Physics</i> , <b>2000</b> , 27, 2609-16	4.4	20

191	A multilayer edge-on silicon microstrip single photon counting detector for momography mammography. <i>Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 592-597</i>		13
190	Search for Leptoquarks and FCNC in $e^+e^-$ annihilations at $s=183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 62-74</i>	4.2	28
189	Search for charginos, neutralinos and gravitinos in $e^+e^-$ interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 75-91</i>	4.2	14
188	Study of the four-jet anomaly observed at LEP centre-of-mass energies of 130 and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 448, 311-319</i>	4.2	
187	Measurement of inclusive $D$ , $F_0(980)$ , $F_2(1270)$ , $K$ and $F_2'(1525)$ production in $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 449, 364-382</i>	4.2	21
186	The scale dependence of the hadron multiplicity in quark and gluon jets and a precise determination of $C_A/C_F$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 449, 383-400</i>	4.2	36
185	Energy dependence of event shapes and of $H_s$ at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 456, 322-340</i>	4.2	47
184	$W$ pair production cross-section and $W$ branching fractions in $e^+e^-$ interactions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 456, 310-321</i>	4.2	8
183	Multiplicity fluctuations in one- and two-dimensional angular intervals compared with analytic QCD calculations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 457, 368-382</i>	4.2	10
182	A search for invisible Higgs bosons produced in $e^+e^-$ interactions at LEP 2 energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 367-381</i>	4.2	6
181	Search for the Higgs boson in events with isolated photons at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 458, 431-446</i>	4.2	15
180	Energy dependence of inclusive spectra in $e^+e^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 397-411</i>	4.2	29
179	Measurements of the trilinear gauge boson couplings $WWV$ ( $V=Z$ ) in $e^+e^-$ collisions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 382-396</i>	4.2	20
178	Measurement of the rate of events in hadronic $Z$ decays and the extraction of the gluon splitting into. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 462, 425-439</i>	4.2	18
177	The small angle tile calorimeter in the DELPHI experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 425, 106-139</i>	1.2	20
176	The BaBar silicon vertex tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 435, 25-33</i>	1.2	5
175	Search for chargino pair production in scenarios with gravitino LSP and stau NLSP at GeV at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 466, 61-70</i>	4.2	2
174	Performance of a shashlik calorimeter at LEP II. <i>Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 220-225</i>		

173	Search for scalar fermions and long-lived scalar leptons at centre-of-mass energies of 130 GeV to 172 GeV. <i>European Physical Journal C</i> , <b>1999</b> , 6, 385-401	4.2	4
172	Search for pair-produced neutralinos in events with photons and missing energy from e+e- collisions at ( $\sqrt{s} = 130 - 183$ ) GeV. <i>European Physical Journal C</i> , <b>1999</b> , 6, 371-384	4.2	3
171	Search for charged Higgs bosons at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 460, 484-497	4.2	9
170	Measurement of the mass of the W boson using direct reconstruction at $\sqrt{s} = 183$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 462, 410-424	4.2	16
169	Improvements in the field of radiological imaging at the SYRMEP beamline <b>1999</b> , 3770, 2		4
168	Preliminary results with a three-layer linear array silicon pixel detector <b>1999</b> ,		1
167	Measurement of the quark and gluon fragmentation functions in $Z^{(0)}$ hadronic decays <b>1999</b> , 6, 19		21
166	Search for pair-produced neutralinos in events with photons and missing energy from e+e- collisions at ( $\sqrt{s} = 130 - 183$ ) GeV <b>1999</b> , 6, 371		5
165	Search for scalar fermions and long-lived scalar leptons at centre-of-mass energies of 130 GeV to 172 GeV <b>1999</b> , 6, 385		7
164	Search for composite and exotic fermions at LEP 2 <b>1999</b> , 8, 41		26
163	Measurement of the lifetime of b-baryons <b>1999</b> , 10, 185		13
162	Measurements of the leptonic branching fractions of the tau <b>1999</b> , 10, 201		10
161	Measurement of the forward backward asymmetry of c and b quarks at the Z pole using reconstructed D mesons <b>1999</b> , 10, 219		10
160	Search for neutral Higgs bosons in $e^{(+)}e^{(-)}$ collisions at ( $\sqrt{s}=183$ ) GeV <b>1999</b> , 10, 563		12
159	Search for charginos nearly mass-degenerate with the lightest neutralino <b>1999</b> , 11, 1		15
158	Measurement and interpretation of fermion-pair production at LEP energies from 130 to 172 GeV <b>1999</b> , 11, 383		25
157	A precise measurement of the partial decay width ratio $\{R_{\mathrm{b}}\}^0 = \Gamma_{\mathrm{b}}/\Gamma_{\mathrm{had}}$ <b>1999</b> , 10, 415		25
156	Low-dose phase contrast x-ray medical imaging. <i>Physics in Medicine and Biology</i> , <b>1998</b> , 43, 2845-52	3.8	200

155	Search for charginos, neutralinos and gravitinos at LEP. <i>European Physical Journal C</i> , <b>1998</b> , 1, 1	4.2	10
154	Two-particle angular correlations in $e^+e^-$ interactions compared with QCD predictions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 440, 203-216	4.2	5
153	Study of beam-induced particle backgrounds at the LEP detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1998</b> , 403, 205-246	1.2	15
152	Design, production and test of the BaBar SVT fanouts. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1998</b> , 409, 258-260	1.2	2
151	SYRMEP front-end and read-out electronics. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1998</b> , 409, 351-353	1.2	3
150	At the frontiers of digital mammography: SYRMEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1998</b> , 409, 529-533	1.2	19
149	Charged particle multiplicity in $e^+e^- \rightarrow qq$ events at 161 and 172 GeV and from the decay of the W boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 416, 233-246	4.2	11
148	Rapidity correlations in $\Lambda$ baryon and proton production in hadronic $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 416, 247-256	4.2	10
147	mb at MZ. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 418, 430-442	4.2	44
146	Search for charged Higgs bosons in $e^+e^-$ collisions at $\sqrt{s}=172$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 420, 140-156	4.2	9
145	Measurement of trilinear gauge couplings in $e^+e^-$ collisions at 161 GeV and 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 423, 194-206	4.2	28
144	Measurement of the charged particle multiplicity of weakly decaying B hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 425, 399-412	4.2	5
143	First evidence for a charm radial excitation, D. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 231-242	4.2	33
142	A study of the hadronic resonance structure in the decay $\Lambda_c^+ \rightarrow p\pi^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 426, 411-427	4.2	26
141	Measurement of the $e^+e^- \rightarrow \mu^+\mu^-$ cross section at the LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 433, 429-440	4.2	10
140	Measurement of $ V_{cs} $ using W decays at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 439, 209-224	4.2	21
139	A search for $\tilde{\chi}c$ production in photon-photon fusion at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 441, 479-490	4.2	17
138	A search for heavy stable and long-lived squarks and sleptons in $e^+e^-$ collisions at energies from 130 to 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 444, 491-502	4.2	24

137	Search for charginos, neutralinos and gravitinos at LEP. <i>European Physical Journal C</i> , <b>1998</b> , 1, 1-20	4.2	50
136	Phase Contrast Imaging in the Field of Mammography <b>1998</b> , 78-82		3
135	Measurement of the W-pair cross-section and of the W mass in ( $\mathrm{e}^+ \mathrm{e}^-$ ) interactions at 172 GeV <b>1998</b> , 2, 581		34
134	Investigation of the splitting of quark and gluon jets <b>1998</b> , 4, 1		9
133	$(\pi^{\pm})$ , $(\mathrm{K}^{\pm})$ , p and $(\overline{\mathrm{p}})$ production in ( $\mathrm{Z}^0 \rightarrow \overline{\mathrm{q}}\mathrm{q}$ ), ( $\mathrm{Z}^0 \rightarrow \overline{\mathrm{b}}\mathrm{b}$ ), ( $\mathrm{Z}^0 \rightarrow \overline{\mathrm{u}}\mathrm{u}$ ), ( $\overline{\mathrm{d}}\mathrm{d}$ ), ( $\overline{\mathrm{s}}\mathrm{s}$ ) <b>1998</b> , 5, 585		65
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131	Identified particles in quark and gluon jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 401, 118-130	4.2	2
130	Performance of the new high precision luminosity monitor of DELPHI. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , <b>1997</b> , 54, 273-278		
129	Measurement of the transverse spin correlation in $\mathrm{Z} \rightarrow \tau^+ \tau^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 404, 194-206	4.2	4
128	A precise measurement of the $\mathrm{B}^0$ meson lifetime using a new technique. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 19-32		16
127	Search for neutral heavy leptons produced in Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 57-71		199
126	Search for new phenomena using single photon events at LEP1. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 74, 577-586		38
125	A study of the reaction $\mathrm{e}^+ \mathrm{e}^- \rightarrow \tau^+ \tau^-$ ISR at LEP and search for new physics at annihilation energies near 80 GeV. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 75, 581-592		7
124	Measurement of $\mathrm{B}^0$ - oscillations. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 76, 579-598		16
123	Search for lepton flavour number violating $\mathrm{Z}^0$ - decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1997</b> , 73, 243-251		66
122	Search for excited leptons in $\mathrm{e}^+\mathrm{e}^-$ collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 393, 245-260	4.2	10
121	Search for the $\mathrm{B}_c$ meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 398, 207-222	4.2	26
120	A measurement of $\tau$ s from the scaling violation in $\mathrm{e}^+\mathrm{e}^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 398, 194-206	4.2	16

119	Measurement of correlations between pions from different $W$ 's in $e^+e^- \rightarrow W+W^-$ events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 401, 181-191	4.2	24
118	Measurement of the multiplicity of gluons splitting to bottom quark pairs in hadronic $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 405, 202-214	4.2	21
117	Measurement of the spin density matrix for the $\rho^0$ , $K^{*0}(892)$ and $F$ produced in $Z^0$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 406, 271-286	4.2	28
116	Search for $B_s^0$ - oscillations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 414, 382-400	4.2	4
115	Measurement of the triple gluon vertex from double quark tagged 4-jet events. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 414, 401-418	4.2	11
114	Observation of charge-ordering in particle production in hadronic $Z^0$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 407, 174-184	4.2	13
113	A digital readout system for the SYRMEP silicon strip detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1997</b> , 392, 392-395	1.2	1
112	Beam spot position measurement at the LEP collider. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1997</b> , 394, 103-114 <sup>1,2</sup>		
111	Performance of the DELPHI small angle tile calorimeter. <i>IEEE Transactions on Nuclear Science</i> , <b>1996</b> , 43, 1496-1500	1.7	1
110	A measurement of the photon structure function $F_2^\gamma$ at an average $Q^2$ of 12 GeV $^2/c^4$ . <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 223-233		26
109	Search for pair production of heavy objects in 4-jet events at $\sqrt{s}=130-136$ GeV DELPHI Collaboration. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 73, 1-9		5
108	Tuning and test of fragmentation models based on identified particles and precision event shape data DELPHI Collaboration. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 73, 11-59		155
107	Measurement of inclusive $K^{*0}(892)$ , $\rho(1020)$ and $\{K_{2}^{\pm}\}^{\Rightarrow 0}(1430)$ production in hadronic $Z$ decays DELPHI Collaboration. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 73, 61-72		18
106	Measurement of inclusive $\bar{D}$ production in hadronic $Z^0$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 561-573		18
105	Search for promptly produced heavy quarkonium states in hadronic $Z$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 69, 575-583		8
104	Energy dependence of the differences between the quark and gluon jet fragmentation. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 70, 179-195		50
103	Production of $\bar{D}$ and $\bar{D}_s$ in $Z$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 70, 371-381		12
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98	Study of rare decays with the DELPHI detector at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 72, 207-220		22
97	Measurement of the $B^0$ oscillation frequency using kaons, leptons and jet charge. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 72, 17-30		6
96	First study of the interference between initial and final state radiation at the Z resonance. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1996</b> , 72, 31-38		2
95	A precise measurement of the tau lepton lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 365, 448-460	4.2	16
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93	Search for exclusive decays of the $\Lambda$ baryon and measurement of its mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 374, 351-361	4.2	25
92	Updated precision measurement of the average lifetime of B hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 377, 195-204	4.2	8
91	First measurement of $f_2'(1525)$ production in $Z^0$ hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 379, 309-318	4.2	5
90	Kaon interference in the hadronic decays of the $Z^0$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 379, 330-340	4.2	20
89	Search for anomalous production of single photons at and 136 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 380, 471-479	4.2	18
88	Study of radiative leptonic events with hard photons and search for excited charged leptons at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 380, 480-490	4.2	17
87	Search for the lightest chargino at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 382, 323-336	4.2	14
86	Search for neutralinos, scalar leptons and scalar quarks in $e^+e^-$ interactions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 387, 651-666	4.2	12
85	Performance of the DELPHI detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 378, 57-100	1.2	248
84	An upper limit for $Br(Z^0 \rightarrow ggg)$ from symmetric 3-jet $Z^0$ hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 389, 405-415	4.2	1

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82	Measurement of the $B^0$ oscillation frequency using kaons, leptons and jet charge <b>1996</b> , 72, 17		1
81	First evidence of hard scattering processes in single tagged collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 342, 402-416	4.2	12
80	Observation of orbitally excited B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 345, 598-608	4.2	75
79	Production of charged particles, $K_S^0$ , $K^{\pm}$ , p and $\bar{n}$ events and in the decay of b hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 347, 447-466	4.2	36
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72	. <i>IEEE Transactions on Nuclear Science</i> , <b>1995</b> , 42, 469-473	1.7	5
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69	The silicon shower maximum detector for the STIC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1995</b> , 360, 219-223 <sup>1.2</sup>		7
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67	Study of prompt photon production in hadronic $Z^0$ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1995</b> , 69, 1-13		
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54	Improved measurements of cross sections and asymmetries at the $Z^0$ resonance. <i>Nuclear Physics B</i> , <b>1994</b> , 418, 403-427	2.8	37
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40	A measurement of D meson production in $Z_0$ hadronic decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 59, 533-545		26
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37	Search for $Z_0$ decays to two leptons and a charged particle-antiparticle pair. <i>Nuclear Physics B</i> , <b>1993</b> , 403, 3-24	2.8	7
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31	Study of final state photons in hadronic $Z_0$ decay and limits on new phenomena. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 53, 555-565		25
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13	Search for pair production of neutral Higgs bosons in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 245, 276-288	4.2	44
12	A study of intermittency in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 247, 137-147	4.2	69

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10	A search for sleptons and gauginos in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 247, 157-166	4.2	58
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