

Erik Silvio Vallazza

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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	The BABAR detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 479, 1-116	1.2	1077
477	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , 2006 , 427, 257-454	27.7	730
476	Discovery of powerful gamma-ray flares from the Crab Nebula. <i>Science</i> , 2011 , 331, 736-9	33.3	249
475	Performance of the DELPHI detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 378, 57-100	1.2	248
474	The AGILE Mission. <i>Astronomy and Astrophysics</i> , 2009 , 502, 995-1013	5.1	244
473	The Physics of the B Factories. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	233
472	Mammography with synchrotron radiation: phase-detection techniques. <i>Radiology</i> , 2000 , 215, 286-93	20.5	227
471	Low-dose phase contrast x-ray medical imaging. <i>Physics in Medicine and Biology</i> , 1998 , 43, 2845-52	3.8	200
470	Search for neutral heavy leptons produced in Z decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 57-71		199
469	An innovative digital imaging set-up allowing a low-dose approach to phase contrast applications in the medical field. <i>Medical Physics</i> , 2001 , 28, 1610-9	4.4	160
468	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> , 1996 , 73, 11-59		155
467	Detection of terrestrial gamma ray flashes up to 40 MeV by the AGILE satellite. <i>Journal of Geophysical Research</i> , 2010 , 115, n/a-n/a		144
466	Extreme particle acceleration in the microquasar Cygnus X-3. <i>Nature</i> , 2009 , 462, 620-3	50.4	138
465	Terrestrial gamma-ray flashes as powerful particle accelerators. <i>Physical Review Letters</i> , 2011 , 106, 018501	9.4	133
464	High-efficiency volume reflection of an ultrarelativistic proton beam with a bent silicon crystal. <i>Physical Review Letters</i> , 2007 , 98, 154801	7.4	113
463	The AGILE silicon tracker: an innovative γ -ray instrument for space. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 501, 280-287	1.2	110
462	DIRECT EVIDENCE FOR HADRONIC COSMIC-RAY ACCELERATION IN THE SUPERNOVA REMNANT IC 443. <i>Astrophysical Journal Letters</i> , 2010 , 710, L151-L155	7.9	98

461	First AGILE catalog of high-confidence gamma-ray sources. <i>Astronomy and Astrophysics</i> , 2009 , 506, 1563-1574	4.5	88
460	First results on the SPS beam collimation with bent crystals. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 692, 78-82	4.2	86
459	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. III. EIGHTEEN MONTHS OF AGILE MONITORING OF THE "CRAZY DIAMOND" <i>Astrophysical Journal</i> , 2010 , 712, 405-420	4.7	80
458	The AGILE space mission. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 588, 52-62	1.2	76
457	Observation of orbitally excited B mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 345, 598-608	4.2	75
456	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. <i>Astrophysical Journal</i> , 2009 , 691, L13-L19	4.7	74
455	DETECTION OF GAMMA-RAY EMISSION FROM THE ETA-CARINAE REGION. <i>Astrophysical Journal</i> , 2009 , 698, L142-L146	4.7	73
454	A study of intermittency in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 137-147	4.2	69
453	Search for lepton flavour number violating Z0- decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 73, 243-251		66
452	AGILE Detection of a Strong Gamma-Ray Flare from the Blazar 3C 454.3. <i>Astrophysical Journal</i> , 2008 , 676, L13-L16	4.7	66
451	The AGILE silicon tracker: testbeam results of the prototype silicon detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 490, 146-158	1.2	66
450	Bose-Einstein correlations in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 286, 201-210	4.2	66
449	(π^{\pm}) , (K^{\pm}) , p and (\overline{p}) production in $(Z^0 \rightarrow \overline{q}q)$, $(Z^0 \rightarrow \overline{b}b)$, $(Z^0 \rightarrow u\overline{u})$, (\overline{d}) , (\overline{s}) 1998 , 5, 585		65
448	AGILE detection of GeV γ -ray emission from the SNR W28. <i>Astronomy and Astrophysics</i> , 2010 , 516, L11	5.1	64
447	Steering of a sub-GeV electron beam through planar channeling enhanced by rechanneling. <i>Physical Review Letters</i> , 2014 , 112, 135503	7.4	62
446	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. <i>Astrophysical Journal</i> , 2009 , 707, 612-620	4.7	62
445	Determination of Z0 resonance parameters and couplings from its hadronic and leptonic decays. <i>Nuclear Physics B</i> , 1991 , 367, 511-574	2.8	62
444	Search for the Standard Model Higgs boson at LEP in the year 2000. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 499, 23-37	4.2	61

443	A comparison of jet production rates on the Z0 resonance to perturbative QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 167-176	4.2	61
442	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. I. THE AGILE2007 NOVEMBER CAMPAIGN ON THE "CRAZY DIAMOND" <i>Astrophysical Journal</i> , 2009 , 690, 1018-1030	4.7	60
441	EPISODIC TRANSIENT GAMMA-RAY EMISSION FROM THE MICROQUASAR CYGNUS X-1. <i>Astrophysical Journal Letters</i> , 2010 , 712, L10-L15	7.9	59
440	A search for sleptons and gauginos in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 157-166	4.2	58
439	Measurement of the linear attenuation coefficients of breast tissues by synchrotron radiation computed tomography. <i>Physics in Medicine and Biology</i> , 2010 , 55, 4993-5005	3.8	57
438	AGILE detection of extreme-ray activity from the blazar PKS 1510-089 during March 2009. <i>Astronomy and Astrophysics</i> , 2011 , 529, A145	5.1	56
437	A precise measurement of the Z resonance parameters through its hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 435-448	4.2	56
436	Search for charginos, neutralinos and gravitinos at LEP. <i>European Physical Journal C</i> , 1998 , 1, 1-20	4.2	50
435	Volume reflection dependence of 400 GeV/c protons on the bent crystal curvature. <i>Physical Review Letters</i> , 2008 , 101, 234801	7.4	50
434	Energy dependence of the differences between the quark and gluon jet fragmentation. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 70, 179-195		50
433	DISCOVERY OF NEW GAMMA-RAY PULSARS WITH AGILE. <i>Astrophysical Journal</i> , 2009 , 695, L115-L119	4.7	49
432	THE 2009 DECEMBER GAMMA-RAY FLARE OF 3C 454.3: THE MULTIFREQUENCY CAMPAIGN. <i>Astrophysical Journal Letters</i> , 2010 , 716, L170-L175	7.9	48
431	AGILE detection of delayed gamma-ray emission from GRB 080514B. <i>Astronomy and Astrophysics</i> , 2008 , 491, L25-L28	5.1	48
430	Experimental study of the radiation emitted by 180 GeV electrons and positrons volume-reflected in a bent crystal. <i>Physical Review A</i> , 2009 , 79,	2.6	47
429	Measurement and interpretation of fermion-pair production at LEP energies of 183 and 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 485, 45-61	4.2	47
428	Energy dependence of event shapes and of Bs at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 456, 322-340	4.2	47
427	Measurement of branching fractions and search for CP-violating charge asymmetries in charmless two-body B decays into pions and kaons. <i>Physical Review Letters</i> , 2001 , 87, 151802	7.4	46
426	Search for light neutral Higgs particles produced in Z0-decays. <i>Nuclear Physics B</i> , 1990 , 342, 1-14	2.8	46

425	Deflection of 400 GeV/c proton beam with bent silicon crystals at the CERN Super Proton Synchrotron. <i>Physical Review Special Topics: Accelerators and Beams</i> , 2008 , 11,		45
424	Observation of channeling and volume reflection in bent crystals for high-energy negative particles. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 681, 233-236	4.2	44
423	AGILE DETECTION OF DELAYED GAMMA-RAY EMISSION FROM THE SHORT GAMMA-RAY BURST GRB 090510. <i>Astrophysical Journal Letters</i> , 2010 , 708, L84-L88	7.9	44
422	mb at MZ. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 418, 430-442	4.2	44
421	Photon events with missing energy at $\sqrt{s} = 183$ to 189 GeV. <i>European Physical Journal C</i> , 2000 , 17, 53-65	4.2	44
420	Search for pair production of neutral Higgs bosons in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 245, 276-288	4.2	44
419	High-efficiency deflection of high-energy protons through axial channeling in a bent crystal. <i>Physical Review Letters</i> , 2008 , 101, 164801	7.4	43
418	HIGH-RESOLUTION TIMING OBSERVATIONS OF SPIN-POWERED PULSARS WITH THE AGILE GAMMA-RAY TELESCOPE. <i>Astrophysical Journal</i> , 2009 , 691, 1618-1633	4.7	42
417	Observation of nuclear dechanneling for high-energy protons in crystals. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 680, 129-132	4.2	41
416	Production of strange particles in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 275, 231-242	4.2	41
415	Production of Λ and $\bar{\Lambda}$ correlations in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 318, 249-262	4.2	41
414	AGILE detection of a rapid Γ -ray flare from the blazar PKS 1510-089 during the GASP-WEBT monitoring. <i>Astronomy and Astrophysics</i> , 2009 , 508, 181-189	5.1	41
413	Measurement and interpretation of the W-pair cross-section in $e+e$ interactions at 161 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 397, 158-170	4.2	40
412	Experimental study of the triple-gluon vertex. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 255, 466-476	4.2	40
411	Determination of β_S from the scaling violation in the fragmentation functions in $e+e$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 311, 408-424	4.2	40
410	Search for new phenomena using single photon events at LEP1. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1997 , 74, 577-586		38
409	MULTIWAVELENGTH OBSERVATIONS OF 3C 454.3. II. THE AGILE 2007 DECEMBER CAMPAIGN. <i>Astrophysical Journal</i> , 2009 , 707, 1115-1123	4.7	38
408	Inclusive measurements of the production in hadronic Z0 decays. <i>Nuclear Physics B</i> , 1995 , 444, 3-26	2.8	38

407	A search for neutral Higgs particles in Z0 decays. <i>Nuclear Physics B</i> , 1992 , 373, 3-34	2.8	38
406	Improved measurements of cross sections and asymmetries at the Z0 resonance. <i>Nuclear Physics B</i> , 1994 , 418, 403-427	2.8	37
405	Energy-energy correlations in hadronic final states from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 252, 149-158	4.2	37
404	THE EXTRAORDINARY GAMMA-RAY FLARE OF THE BLAZAR 3C 454.3. <i>Astrophysical Journal</i> , 2010 , 718, 455-459	4.7	36
403	The scale dependence of the hadron multiplicity in quark and gluon jets and a precise determination of CA/CF. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 449, 383-400	4.2	36
402	Production of charged particles, KS0, K _S ⁰ , 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> , 1995 , 347, 447-466	4.2	36
401	Evidence for BS0 meson production in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 289, 199-210	4.2	36
400	Search for heavy charged scalars in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 241, 449-458	4.2	36
399	Investigation of the Electromagnetic Radiation Emitted by Sub-GeV Electrons in a Bent Crystal. <i>Physical Review Letters</i> , 2015 , 115, 025504	7.4	35
398	Observation of multiple volume reflection of ultrarelativistic protons by a sequence of several bent silicon crystals. <i>Physical Review Letters</i> , 2009 , 102, 084801	7.4	35
397	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> , 2011 , 704, 461-466	4.2	34
396	Identified charged particles in quark and gluon jets. <i>European Physical Journal C</i> , 2000 , 17, 207-222	4.2	34
395	Classification of the hadronic decays of the Z0 into b and c quark pairs using a neural network. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 383-395	4.2	34
394	Measurement of the W-pair cross-section and of the W mass in ($\mathit{e}^+ e^-$) interactions at 172 GeV 1998 , 2, 581		34
393	First evidence for a charm radial excitation, D. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 231-242	4.2	33
392	Consistent measurements of $\langle\alpha_s\rangle$ from precise oriented event shape distributions. <i>European Physical Journal C</i> , 2000 , 14, 557-584	4.2	33
391	Cross-sections and leptonic forward-backward asymmetries from the Z(⁰) running of LEP. <i>European Physical Journal C</i> , 2000 , 16, 371-405	4.2	33
390	Determination of $ V_{cb} $ from the semileptonic decay $B \rightarrow D^* e \ell^+ \nu$. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 71, 539-553		33

389	Measurement of the dechanneling length for high-energy negative pions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 719, 70-73	4.2	32
388	AGILE detection of variable γ -ray activity from the blazar S50716+714 in September-October 2007. <i>Astronomy and Astrophysics</i> , 2008 , 489, L37-L40	5.1	32
387	Measurement of V_{cb} from the decay process $B^0 \rightarrow D^{*+} \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 510, 55-74	4.2	32
386	Detection of gamma-ray emission from the Vela pulsar wind nebula with AGILE. <i>Science</i> , 2010 , 327, 663-663	5.3	31
385	Measurement of the decays $B \rightarrow \phi K$ and $B \rightarrow \phi K^*$. <i>Physical Review Letters</i> , 2001 , 87, 151801	7.4	31
384	Measurement of the triple-gluon vertex from 4-jet events at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 59, 357-368		31
383	Broad and intense radiation accompanying multiple volume reflection of ultrarelativistic electrons in a bent crystal. <i>Physical Review Letters</i> , 2013 , 111, 255502	7.4	30
382	Gamma-ray localization of terrestrial gamma-ray flashes. <i>Physical Review Letters</i> , 2010 , 105, 128501	7.4	30
381	Two-dimensional analysis of the Bose-Einstein correlations in e^+e^- annihilation at the Z0 peak. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 471, 460-470	4.2	30
380	Energy dependence of inclusive spectra in e^+e^- annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 459, 397-411	4.2	29
379	The reaction $e^+e^- \rightarrow \mu^+\mu^-$ at Z0 energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 268, 296-304	4.2	29
378	Limits on the production of scalar leptoquarks from Z0 decays at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 316, 620-630	4.2	29
377	Measurement of inclusive production of light meson resonances in hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 298, 236-246	4.2	29
376	Steps towards the hyperfine splitting measurement of the muonic hydrogen ground state: pulsed muon beam and detection system characterization. <i>Journal of Instrumentation</i> , 2016 , 11, P05007-P05007		29
375	High spatial resolution correlation of AGILE TGFs and global lightning activity above the equatorial belt. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	28
374	Measurement of the spin density matrix for the ρ^0 , $K^{*0}(892)$ and F produced in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 406, 271-286	4.2	28
373	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> , 1998 , 423, 194-206	4.2	28
372	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</i> , 1999 , 446, 62-74	4.2	28

371	Observation of short range three-particle correlations in e^+e^- annihilations at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 355, 415-424	4.2	28
370	J/ψ production in the hadronic decays of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 341, 109-122	4.2	28
369	A study of the decays of tau leptons produced on the Z resonance at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 55, 555-567		28
368	Determination of α_s using the next-to-leading-log approximation of QCD. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 59, 21-33		28
367	A measurement of B meson production and lifetime using D1 events in Z ⁰ decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 57, 181-195		28
366	Probability of inelastic nuclear interactions of high-energy protons in a bent crystal. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010 , 268, 2655-2659	1.2	27
365	Search for the B _c meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 398, 207-222	4.2	26
364	A study of the hadronic resonance structure in the decay $B \rightarrow 3\pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 426, 411-427	4.2	26
363	Measurement of trilinear gauge boson couplings WWV, (VZ, γ) in e^+e^- collisions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 502, 9-23	4.2	26
362	A measurement of the photon structure function F_2^γ at an average Q^2 of 12 GeV $^2/c^4$. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 69, 223-233		26
361	Search for the standard model Higgs boson in Z ⁰ decays. <i>Nuclear Physics B</i> , 1994 , 421, 3-37	2.8	26
360	A measurement of $\sin^2\theta_W$ from the charge asymmetry of hadronic events at the Z ⁰ peak. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 277, 371-382	4.2	26
359	A measurement of D meson production in Z ⁰ hadronic decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 59, 533-545		26
358	Search for composite and exotic fermions at LEP 2 1999 , 8, 41		26
357	High-efficiency deflection of high-energy negative particles through axial channeling in a bent crystal. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 680, 301-304	4.2	25
356	First observation of multiple volume reflection by different planes in one bent silicon crystal for high-energy protons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 682, 274-277	4.2	25
355	Determination of $ V_{ub} / V_{cb} $ with DELPHI at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 478, 14-30	4.2	25
354	Charged particle multiplicity in e^+e^- interactions at $s = 130$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 372, 172-180	4.2	25

353	Search for exclusive decays of the \bar{B} baryon and measurement of its mass. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 374, 351-361	4.2	25
352	Study of final state photons in hadronic Z^0 decay and limits on new phenomena. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 53, 555-565		25
351	Measurement and interpretation of fermion-pair production at LEP energies from 130 to 172 GeV 1999 , 11, 383		25
350	A precise measurement of the partial decay width ratio $(R_{\mathrm{b}})^0 = \Gamma_{\mathrm{b}}/\Gamma_{\mathrm{had}}$ 1999 , 10, 415		25
349	AGILE detection of Cygnus X-3 γ -ray active states during the period mid-2009/mid-2010. <i>Astronomy and Astrophysics</i> , 2012 , 538, A63	5.1	24
348	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> , 1997 , 401, 181-191	4.2	24
347	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> , 1998 , 444, 491-502	4.2	24
346	Gamma-ray burst detection with the AGILE mini-calorimeter. <i>Astronomy and Astrophysics</i> , 2008 , 490, 1151-1156	5.1	24
345	Search for a fermiophobic Higgs at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 507, 89-103	4.2	24
344	Charged and identified particles in the hadronic decay of W bosons and in $(e^+e^- \rightarrow \bar{q}q)$ from 130 to 200 GeV. <i>European Physical Journal C</i> , 2000 , 18, 203-228	4.2	24
343	Measurement of the $e^+e^- \rightarrow \tau\tau$ cross section at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 327, 386-396	4.2	24
342	Measurement of \bar{B} production and lifetime in Z^0 hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 311, 379-390	4.2	24
341	Double volume reflection of a proton beam by a sequence of two bent crystals. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 658, 109-111	4.2	23
340	Measurement of the (B^0_s) lifetime and study of $(\mathrm{B}^0_s)-(\overline{\mathrm{B}^0_s})$ oscillations using $(\mathrm{D}_s^* \ell)$ events. <i>European Physical Journal C</i> , 2000 , 16, 555-578	4.2	23
339	Multiplicity fluctuations in hadronic final states from the decay of the Z^0 . <i>Nuclear Physics B</i> , 1992 , 386, 471-492	2.8	23
338	Study of rare b decays with the DELPHI detector at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996 , 72, 207-220		22
337	Search for scalar leptoquarks from Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 275, 222-230	4.2	22
336	Search for scalar quarks in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 148-156	4.2	22

335	Radiation emission phenomena in bent silicon crystals: Theoretical and experimental studies with 120 GeV/c positrons. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012 , 283, 84-92	1.2	21
334	Measurement of the multiplicity of gluons splitting to bottom quark pairs in hadronic Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 405, 202-214	4.2	21
333	Measurement of $ V_{cs} $ using W decays at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 439, 209-224	4.2	21
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