

# Agnieszka Zalewska

## List of Publications by Citations

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352  
papers

12,266  
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49  
h-index

95  
g-index

357  
ext. papers

13,370  
ext. citations

4  
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5.24  
L-index

#	Paper	IF	Citations
352	Indication of electron neutrino appearance from an accelerator-produced off-axis muon neutrino beam. <i>Physical Review Letters</i> , <b>2011</b> , 107, 041801	7.4	946
351	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , <b>2006</b> , 427, 257-454	27.7	730
350	Search for neutral MSSM Higgs bosons at LEP. <i>European Physical Journal C</i> , <b>2006</b> , 47, 547	4.2	496
349	The T2K experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2011</b> , 659, 106-135	1.2	425
348	The DELPHI detector at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1991</b> , 303, 233-276	1.2	322
347	Observation of electron neutrino appearance in a muon neutrino beam. <i>Physical Review Letters</i> , <b>2014</b> , 112, 061802	7.4	303
346	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. <i>Physics Reports</i> , <b>2013</b> , 532, 119-244	27.7	291
345	Design, construction and tests of the ICARUS T600 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 527, 329-410	1.2	278
344	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
343	Measurement of the mass and width of the Z <sup>0</sup> -particle from multihadronic final states produced in e <sup>+</sup> e <sup>-</sup> annihilations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 231, 539-547	4.2	191
342	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with 6.6 × 10 <sup>20</sup> protons on target. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	170
341	Searches for supersymmetric particles in e <sup>+</sup> e <sup>-</sup> collisions up to 208 GeV and interpretation of the results within the MSSM. <i>European Physical Journal C</i> , <b>2003</b> , 31, 421-479	4.2	153
340	Precise measurement of the neutrino mixing parameter $\theta_{13}$ from muon neutrino disappearance in an off-axis beam. <i>Physical Review Letters</i> , <b>2014</b> , 112, 181801	7.4	137
339	T2K neutrino flux prediction. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	128
338	Photon events with missing energy in e <sup>+</sup> e <sup>-</sup> collisions at ( $\sqrt{s} = \sqrt{130}$ to 209 GeV). <i>European Physical Journal C</i> , <b>2005</b> , 38, 395-411	4.2	117
337	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. <i>Physical Review Letters</i> , <b>2017</b> , 118, 151801	7.4	103
336	Evidence of electron neutrino appearance in a muon neutrino beam. <i>Physical Review D</i> , <b>2013</b> , 88,	4.9	100

335	Search for CP Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with $2.2 \times 10^{21}$ Protons on Target. <i>Physical Review Letters</i> , <b>2018</b> , 121, 171802	7.4	96
334	Large underground, liquid based detectors for astro-particle physics in Europe: scientific case and prospects. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2007</b> , 2007, 011-011	6.4	91
333	Study of hadronic decays of the Z0 boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 240, 271-282	4.2	89
332	Underground operation of the ICARUS T600 LAr-TPC: first results. <i>Journal of Instrumentation</i> , <b>2011</b> , 6, P07011-P07011	1	87
331	A model-independent partial-wave analysis of the $\pi\pi$ system produced at low four-momentum transfer in the reaction $\bar{p}p \rightarrow \pi\pi$ at 17.2 GeV/c. <i>Nuclear Physics B</i> , <b>1979</b> , 151, 46-70	2.8	84
330	Measurement of the inclusive $\pi^+$ charged current cross section on carbon in the near detector of the T2K experiment. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	76
329	Study of tau-pair production in photon-photon collisions at LEP and limits on the anomalous electromagnetic moments of the tau lepton. <i>European Physical Journal C</i> , <b>2004</b> , 35, 159-170	4.2	76
328	Searches for neutral Higgs bosons in extended models. <i>European Physical Journal C</i> , <b>2004</b> , 38, 1-28	4.2	75
327	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
326	Study of electron recombination in liquid argon with the ICARUS TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 523, 275-286	1.2	74
325	First muon-neutrino disappearance study with an off-axis beam. <i>Physical Review D</i> , <b>2012</b> , 85,	4.9	72
324	Measurement of neutrino and antineutrino oscillations by the T2K experiment including a new additional sample of $\bar{\nu}_e$ interactions at the far detector. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	70
323	Search for charged Higgs bosons at LEP in general two Higgs doublet models. <i>European Physical Journal C</i> , <b>2004</b> , 34, 399-418	4.2	69
322	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
321	Measurements of the T2K neutrino beam properties using the INGRID on-axis near detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2012</b> , 694, 211-223	1.2	68
320	Bose-Einstein correlations in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 286, 201-210	4.2	66
319	Measurement of neutrino oscillation parameters from muon neutrino disappearance with an off-axis beam. <i>Physical Review Letters</i> , <b>2013</b> , 111, 211803	7.4	64
318	The DELPHI silicon strip microvertex detector with double sided readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1996</b> , 368, 314-332	1.2	62

317	The DELPHI Microvertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1993</b> , 328, 447-471	1.2	62
316	Determination of Z0 resonance parameters and couplings from its hadronic and leptonic decays. <i>Nuclear Physics B</i> , <b>1991</b> , 367, 511-574	2.8	62
315	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> , <b>2001</b> , 499, 23-37	4.2	61
314	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> , <b>1990</b> , 247, 167-176	4.2	61
313	A Si strip detector with integrated coupling capacitors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1987</b> , 260, 124-131	1.2	60
312	Search for doubly charged Higgs bosons at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 552, 127-137	4.2	59
311	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
310	A study of the energy evolution of event shape distributions and their means with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2003</b> , 29, 285-312	4.2	57
309	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> , <b>1990</b> , 241, 435-448	4.2	56
308	Measurement of double-differential muon neutrino charged-current interactions on C8H8 without pions in the final state using the T2K off-axis beam. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	55
307	Search for anomalies in the $\tau$ appearance from a $\mu$ beam. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	53
306	Experimental search for the $\mu$ SND anomaly with the ICARUS detector in the CNGS neutrino beam. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	53
305	Search for charginos, neutralinos and gravitinos at LEP. <i>European Physical Journal C</i> , <b>1998</b> , 1, 1-20	4.2	50
304	b-tagging in DELPHI at LEP. <i>European Physical Journal C</i> , <b>2004</b> , 32, 185-208	4.2	50
303	Analysis of the liquid argon purity in the ICARUS T600 TPC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 516, 68-79	1.2	49
302	Charged particle multiplicity distributions in restricted rapidity intervals in Z0 hadronic decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1991</b> , 52, 271-281		49
301	Single intermediate vector boson production in $e^+e^-$ collisions * at $(\sqrt{s} = \sqrt{183-209})$ GeV. <i>European Physical Journal C</i> , <b>2006</b> , 45, 273-289	4.2	47
300	Energy dependence of event shapes and of $\mu$ s at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 456, 322-340	4.2	47

299	Search for light neutral Higgs particles produced in Z0-decays. <i>Nuclear Physics B</i> , <b>1990</b> , 342, 1-14	2.8	46
298	Measurement and analysis of the reaction $\bar{p} \rightarrow ?0n$ on a polarized target. <i>Nuclear Physics B</i> , <b>1979</b> , 150, 301-325	2.8	45
297	The T2K Side Muon Range Detector (SMRD). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 698, 135-146	1.2	44
296	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
295	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
294	Measurement of the neutrino velocity with the ICARUS detector at the CNGS beam. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 17-22	4.2	42
293	The DELPHI Silicon Tracker at LEP2: The DELPHI Silicon Tracker Group. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1998</b> , 412, 304-328	1.2	42
292	Measurement of the $\bar{\nu}$ decay spectrum with the ICARUS liquid Argon TPC. <i>European Physical Journal C</i> , <b>2004</b> , 33, 233-241	4.2	41
291	Production of strange particles in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 275, 231-242	4.2	41
290	Production of $\bar{\nu}$ and $\bar{\nu}$ correlations in the hadronic decays of the Z0. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 318, 249-262	4.2	41
289	Measurement and interpretation of the W-pair cross-section in $e+e\bar{\nu}$ interactions at 161 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 397, 158-170	4.2	40
288	Study of multi-muon bundles in cosmic ray showers detected with the DELPHI detector at LEP. <i>Astroparticle Physics</i> , <b>2007</b> , 28, 273-286	2.4	40
287	Experimental study of the triple-gluon vertex. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 255, 466-476	4.2	40
286	Determination of $\bar{S}$ from the scaling violation in the fragmentation functions in $e+e\bar{\nu}$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 311, 408-424	4.2	40
285	Inclusive measurements of the production in hadronic Z0 decays. <i>Nuclear Physics B</i> , <b>1995</b> , 444, 3-26	2.8	38
284	A search for neutral Higgs particles in Z0 decays. <i>Nuclear Physics B</i> , <b>1992</b> , 373, 3-34	2.8	38
283	Characterization of ETL 9357FLA photomultiplier tubes for cryogenic temperature applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2006</b> , 556, 146-157	1.2	37
282	Improved measurements of cross sections and asymmetries at the Z0 resonance. <i>Nuclear Physics B</i> , <b>1994</b> , 418, 403-427	2.8	37

281	Energy-energy correlations in hadronic final states from Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 252, 149-158	4.2	37
280	Study of inclusive J/ψ production in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 565, 76-86	4.2	36
279	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> , <b>1999</b> , 449, 383-400	4.2	36
278	Production of charged particles, KS0, K <sub>S</sub> <sup>0</sup> , p and π <sup>±</sup> 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
277	Evidence for BS0 meson production in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 289, 199-210	4.2	36
276	Search for heavy charged scalars in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 241, 449-458	4.2	36
275	Determination of the fire-ball dimensions from second-order interference between two pions. <i>Nuclear Physics B</i> , <b>1976</b> , 103, 198-212	2.8	36
274	Search for one large extra dimension with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2009</b> , 60, 17-23	4.2	35
273	Search for single top production via FCNC at LEP at $\sqrt{s}=189\text{--}208\text{ GeV}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 590, 21-34	4.2	35
272	Characterization of nuclear effects in muon-neutrino scattering on hydrocarbon with a measurement of final-state kinematics and correlations in charged-current pionless interactions at T2K. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	34
271	Measurement of the charged-current quasielastic cross section on carbon with the ND280 detector at T2K. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	34
270	Measurement of the inclusive electron neutrino charged current cross section on carbon with the T2K near detector. <i>Physical Review Letters</i> , <b>2014</b> , 113, 241803	7.4	34
269	Performance of a liquid argon time projection chamber exposed to the CERN West Area Neutrino Facility neutrino beam. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	34
268	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> , <b>1992</b> , 295, 383-395	4.2	34
267	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
266	Consistent measurements of $\langle\alpha_s\rangle$ from precise oriented event shape distributions. <i>European Physical Journal C</i> , <b>2000</b> , 14, 557-584	4.2	33
265	Study of W-boson polarisations and triple gauge boson couplings in the reaction $e^+e^-\rightarrow W+W^-$ at LEP 2. <i>European Physical Journal C</i> , <b>2008</b> , 54, 345-364	4.2	32
264	Measurement of through-going particle momentum by means of multiple scattering with the ICARUS T600 TPC. <i>European Physical Journal C</i> , <b>2006</b> , 48, 667-676	4.2	32

263	Measurement of $V_{cb}$ from the decay process $B^0 \rightarrow D^{*+} \mu^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 510, 55-74	4.2	32
262	Measurement of the triple-gluon vertex from 4-jet events at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 59, 357-368		31
261	Measurement of the inclusive $\mu^+$ charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	30
260	Searches for invisibly decaying Higgs bosons with the DELPHI detector at LEP. <i>European Physical Journal C</i> , <b>2004</b> , 32, 475-492	4.2	30
259	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> , <b>2000</b> , 471, 460-470	4.2	30
258	Study of the leptonic decays of the Z0 boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 241, 425-434	4.2	30
257	Multiplicity distributions and double scattering effects in $\mu^+$ interactions at 205 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1976</b> , 61, 316-320	4.2	30
256	Measurement of the $\mu^+$ charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	29
255	Final results from DELPHI on the searches for SM and MSSM neutral Higgs bosons. <i>European Physical Journal C</i> , <b>2004</b> , 32, 145-183	4.2	29
254	Energy dependence of inclusive spectra in $e^+e^-$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 459, 397-411	4.2	29
253	The reaction $e^+e^- \rightarrow \mu^+\mu^-$ at Z0 energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 268, 296-304	4.2	29
252	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> , <b>1993</b> , 316, 620-630	4.2	29
251	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> , <b>1993</b> , 298, 236-246	4.2	29
250	Measurement of the spin density matrix for the $\rho^0$ , $K^{*0}(892)$ and $F$ produced in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 406, 271-286	4.2	28
249	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
248	Measurement of the mass and width of the W boson in $e^+e^-$ collisions at $(\sqrt{s}) = 161 \div 209$ GeV. <i>European Physical Journal C</i> , <b>2008</b> , 55, 1	4.2	28
247	Measurement of the W-pair production cross-section and W branching ratios in $e^+e^-$ collisions at $(\sqrt{s}) = 161-209$ GeV. <i>European Physical Journal C</i> , <b>2004</b> , 34, 127-144	4.2	28
246	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> , <b>1999</b> , 446, 62-74	4.2	28

245	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> , <b>1995</b> , 355, 415-424	4.2	28
244	$J/\psi$ production in the hadronic decays of the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1994</b> , 341, 109-122	4.2	28
243	A study of the decays of tau leptons produced on the Z resonance at LEP. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 55, 555-567		28
242	Determination of $\alpha_s$ using the next-to-leading-log approximation of QCD. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 59, 21-33		28
241	A measurement of B meson production and lifetime using DLEvents in Z0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 57, 181-195		28
240	Neutrino oscillation physics potential of the T2K experiment. <i>Progress of Theoretical and Experimental Physics</i> , <b>2015</b> , 2015,	5.4	27
239	Search for the Bc meson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 398, 207-222	4.2	26
238	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> , <b>1998</b> , 426, 411-427	4.2	26
237	Search for the standard model Higgs boson in Z0 decays. <i>Nuclear Physics B</i> , <b>1994</b> , 421, 3-37	2.8	26
236	A measurement of D meson production in Z0 hadronic decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1993</b> , 59, 533-545		26
235	A study of the b-quark fragmentation function with the DELPHI detector at LEP I and an averaged distribution obtained at the Z Pole. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	25
234	Measurement of the B0 decay form factor. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 585, 63-84	4.2	25
233	Observation of long ionizing tracks with the ICARUS T600 first half-module. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2003</b> , 508, 287-294	1.2	25
232	Determination of $ V_{ub} / V_{cb} $ with DELPHI at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 478, 14-30	4.2	25
231	Charged particle multiplicity in $e^+e^-$ interactions at $s = 130$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 372, 172-180	4.2	25
230	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> , <b>1996</b> , 374, 351-361	4.2	25
229	Study of final state photons in hadronic Z0 decay and limits on new phenomena. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 53, 555-565		25
228	First measurement of the muon neutrino charged current single pion production cross section on water with the T2K near detector. <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	24



227	Experimental observation of an extremely high electron lifetime with the ICARUS-T600 LAr-TPC. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P12006-P12006	1	24
226	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
225	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
224	Measurement and interpretation of fermion-pair production at LEP energies above the Z resonance. <i>European Physical Journal C</i> , <b>2006</b> , 45, 589-632	4.2	24
223	Measurement of the $(e^+ + e^- \rightarrow W^+ + W^- + \gamma)$ cross-section and limits on anomalous quartic gauge couplings with DELPHI. <i>European Physical Journal C</i> , <b>2003</b> , 31, 139-147	4.2	24
222	Search for a fermiophobic Higgs at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 507, 89-103	4.2	24
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213	Determination of heavy quark non-perturbative parameters from spectral moments in semileptonic B decays. <i>European Physical Journal C</i> , <b>2006</b> , 45, 35-59	4.2	22
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211	The measurement of $(\alpha_s)$ from event shapes with the DELPHI detector at the highest LEP energies. <i>European Physical Journal C</i> , <b>2004</b> , 37, 1-23	4.2	22
210	Search for supersymmetric particles in light gravitino scenarios and sleptons NLSP. <i>European Physical Journal C</i> , <b>2003</b> , 27, 153-172	4.2	22

209	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
208	Search for scalar quarks in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 247, 148-156	4.2	22
207	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> , <b>1997</b> , 405, 202-214	4.2	21
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205	Study of triple-gauge-boson couplings ZZZ, ZZ $\gamma$ and Z $\gamma\gamma$ at LEP. <i>European Physical Journal C</i> , <b>2007</b> , 51, 525-542	4.2	21
204	Search for heavy stable and long-lived particles in e+e $\gamma$ collisions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 478, 65-72	4.2	21
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200	Updated T2K measurements of muon neutrino and antineutrino disappearance using 1.5 $\times$ 10 <sup>21</sup> protons on target. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	20
199	Precision measurement of the neutrino velocity with the ICARUS detector in the CNGS beam. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	20
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196	Detection of Cherenkov light emission in liquid argon. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2004</b> , 516, 348-363 <sup>1,2</sup>		20
195	ZZ production in e + e - interactions at ( $\sqrt{s}$ ) = 183-209 GeV. <i>European Physical Journal C</i> , <b>2003</b> , 30, 447-466	4.2	20
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193	Measurements of the trilinear gauge boson couplings WWV (V=Z) in e+e $\gamma$ collisions at 183 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 459, 382-396	4.2	20
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191	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	19
190	Search for stable heavy charged particles in $e+e^-$ collisions at $\sqrt{s} = 161$ and 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 396, 315-326	4.2	19
189	Measurements of the lineshape of the Z0 and determination of electroweak parameters from its hadronic and leptonic decays. <i>Nuclear Physics B</i> , <b>1994</b> , 417, 3-57	2.8	19
188	A measurement of the b forward-backward asymmetry using the semileptonic decay into muons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 276, 536-546	4.2	19
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185	W pair production cross-section and W branching fractions in $e+e^-$ interactions at 189 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 479, 89-100	4.2	18
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183	Search for anomalous production of single photons at $\sqrt{s} = 136$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 380, 471-479	4.2	18
182	Measurement of the average lifetime of B hadrons. <i>Zeitschrift für Physik C-Particles and Fields</i> , <b>1992</b> , 53, 567-580		18
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171	A study of the Lorentz structure in tau decays. <i>European Physical Journal C</i> , <b>2000</b> , 16, 229-252	4.2	16
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152	The delphi silicon strip microvertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>1988</b> , 263, 215-220	1.2	14
151	Measurement of inclusive double-differential $\bar{\nu}_\mu$ charged-current cross section with improved acceptance in the T2K off-axis near detector. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	13
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75	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
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