

Agnieszka Zalewska

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.

352
papers

12,266
citations

49
h-index

95
g-index

357
ext. papers

13,370
ext. citations

4
avg, IF

5.24
L-index

#	Paper	IF	Citations
352	Measurement of the charged-current electron (anti-)neutrino inclusive cross-sections at the T2K off-axis near detector ND280. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	4
351	Performances of a resistive Micromegas module for the Time Projection Chambers of the T2K Near Detector upgrade. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020 , 957, 163286	1.2	9
350	Study of space charge in the ICARUS T600 detector. <i>Journal of Instrumentation</i> , 2020 , 15, P07001-P07001		1
349	Measurement of the single $\bar{\nu}$ production rate in neutral current neutrino interactions on water. <i>Physical Review D</i> , 2018 , 97,	4.9	3
348	First measurement of the $\bar{\nu}$ charged-current cross section on a water target without pions in the final state. <i>Physical Review D</i> , 2018 , 97,	4.9	20
347	Measurement of inclusive double-differential $\bar{\nu}$ charged-current cross section with improved acceptance in the T2K off-axis near detector. <i>Physical Review D</i> , 2018 , 98,	4.9	13
346	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> , 2018 , 98,	4.9	34
345	Search for CP Violation in Neutrino and Antineutrino Oscillations by the T2K Experiment with 2.2×10^{21} Protons on Target. <i>Physical Review Letters</i> , 2018 , 121, 171802	7.4	96
344	Search for Lorentz and CPT violation using sidereal time dependence of neutrino flavor transitions over a short baseline. <i>Physical Review D</i> , 2017 , 95,	4.9	14
343	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> , 2017 , 95,	4.9	24
342	Updated T2K measurements of muon neutrino and antineutrino disappearance using 1.5×10^{21} protons on target. <i>Physical Review D</i> , 2017 , 96,	4.9	20
341	Combined Analysis of Neutrino and Antineutrino Oscillations at T2K. <i>Physical Review Letters</i> , 2017 , 118, 151801	7.4	103
340	Measurement of neutrino and antineutrino oscillations by the T2K experiment including a new additional sample of $\bar{\nu}$ interactions at the far detector. <i>Physical Review D</i> , 2017 , 96,	4.9	70
339	Measurement of $\bar{\nu}$ and $\bar{\nu}$ charged current inclusive cross sections and their ratio with the T2K off-axis near detector. <i>Physical Review D</i> , 2017 , 96,	4.9	6
338	Muon momentum measurement in ICARUS-T600 LAr-TPC via multiple scattering in few-GeV range. <i>Journal of Instrumentation</i> , 2017 , 12, P04010-P04010	1	10
337	Upper bound on neutrino mass based on T2K neutrino timing measurements. <i>Physical Review D</i> , 2016 , 93,	4.9	2
336	Measurement of the muon neutrino inclusive charged-current cross section in the energy range of $1 \bar{\nu}$ GeV with the T2K INGRID detector. <i>Physical Review D</i> , 2016 , 93,	4.9	10

335	Measurement of Muon Antineutrino Oscillations with an Accelerator-Produced Off-Axis Beam. <i>Physical Review Letters</i> , 2016 , 116, 181801	7.4	23
334	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> , 2016 , 93,	4.9	55
333	Measurement of Coherent $\bar{\nu}_{\mu}$ Production in Low Energy Neutrino-Carbon Scattering. <i>Physical Review Letters</i> , 2016 , 117, 192501	7.4	15
332	Lead shielding efficiency from the gamma background measurements in the salt cavern of the Polkowice-Sieroszowice copper mine. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016 , 308, 773-780	1.5	7
331	Search for short baseline $\bar{\nu}_{\mu}$ disappearance with the T2K near detector. <i>Physical Review D</i> , 2015 , 91,	4.9	8
330	Neutrino oscillation physics potential of the T2K experiment. <i>Progress of Theoretical and Experimental Physics</i> , 2015 , 2015,	5.4	27
329	Measurements of neutrino oscillation in appearance and disappearance channels by the T2K experiment with 6.6×10^{20} protons on target. <i>Physical Review D</i> , 2015 , 91,	4.9	170
328	Measurement of the $\bar{\nu}_{\mu}$ charged current quasielastic cross section on carbon with the T2K on-axis neutrino beam. <i>Physical Review D</i> , 2015 , 91,	4.9	29
327	Measurement of the electron neutrino charged-current interaction rate on water with the T2K ND280 $\bar{\nu}_{\mu}$ detector. <i>Physical Review D</i> , 2015 , 91,	4.9	7
326	Measurement of the $\bar{\nu}_{\mu}$ charged-current quasielastic cross section on carbon with the ND280 detector at T2K. <i>Physical Review D</i> , 2015 , 92,	4.9	34
325	Operation and performance of the ICARUS T600 cryogenic plant at Gran Sasso underground Laboratory. <i>Journal of Instrumentation</i> , 2015 , 10, P12004-P12004	1	12
324	Observation of electron neutrino appearance in a muon neutrino beam. <i>Physical Review Letters</i> , 2014 , 112, 061802	7.4	303
323	Measurement of the inclusive $\bar{\nu}_{\mu}$ charged current cross section on iron and hydrocarbon in the T2K on-axis neutrino beam. <i>Physical Review D</i> , 2014 , 90,	4.9	30
322	Measurement of the electron structure function F_2^{eAT} at LEP energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014 , 737, 39-47	4.2	
321	Precise measurement of the neutrino mixing parameter θ_{13} from muon neutrino disappearance in an off-axis beam. <i>Physical Review Letters</i> , 2014 , 112, 181801	7.4	137
320	Recent Results from the T2K Experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014 , 246-247, 23-28		2
319	The trigger system of the ICARUS experiment for the CNGS beam. <i>Journal of Instrumentation</i> , 2014 , 9, P08003-P08003	1	13
318	Experimental observation of an extremely high electron lifetime with the ICARUS-T600 LAr-TPC. <i>Journal of Instrumentation</i> , 2014 , 9, P12006-P12006	1	24

317	Measurement of the inclusive electron neutrino charged current cross section on carbon with the T2K near detector. <i>Physical Review Letters</i> , 2014 , 113, 241803	7.4	34
316	Measurement of the intrinsic electron neutrino component in the T2K neutrino beam with the ND280 detector. <i>Physical Review D</i> , 2014 , 89,	4.9	19
315	Measurement of the neutrino-oxygen neutral-current interaction cross section by observing nuclear deexcitation γ rays. <i>Physical Review D</i> , 2014 , 90,	4.9	13
314	T2K neutrino flux prediction. <i>Physical Review D</i> , 2013 , 87,	4.9	128
313	Measurement of the inclusive $\bar{\nu}_e$ charged current cross section on carbon in the near detector of the T2K experiment. <i>Physical Review D</i> , 2013 , 87,	4.9	76
312	Measurement of neutrino oscillation parameters from muon neutrino disappearance with an off-axis beam. <i>Physical Review Letters</i> , 2013 , 111, 211803	7.4	64
311	Search for anomalies in the $\bar{\nu}_e$ appearance from a $\bar{\nu}_\mu$ beam. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	53
310	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. <i>Physics Reports</i> , 2013 , 532, 119-244	27.7	291
309	The T2K Side Muon Range Detector (SMRD). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 698, 135-146	1.2	44
308	Experimental search for the $\bar{\nu}_e$ SND anomaly with the ICARUS detector in the CNGS neutrino beam. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	53
307	Evidence of electron neutrino appearance in a muon neutrino beam. <i>Physical Review D</i> , 2013 , 88,	4.9	100
306	Precise 3D Track Reconstruction Algorithm for the ICARUS T600 Liquid Argon Time Projection Chamber Detector. <i>Advances in High Energy Physics</i> , 2013 , 2013, 1-16	1	20
305	A search for the analogue to Cherenkov radiation by high energy neutrinos at superluminal speeds in ICARUS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 711, 270-275	4.2	17
304	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> , 2012 , 713, 17-22	4.2	42
303	Precision measurement of the neutrino velocity with the ICARUS detector in the CNGS beam. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	20
302	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> , 2012 , 694, 211-223	1.2	68
301	First muon-neutrino disappearance study with an off-axis beam. <i>Physical Review D</i> , 2012 , 85,	4.9	72
300	Underground operation of the ICARUS T600 LAr-TPC: first results. <i>Journal of Instrumentation</i> , 2011 , 6, P07011-P07011	1	87

299	The T2K experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 659, 106-135	1.2	425
298	Search for single top quark production via contact interactions at LEP2. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	3
297	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> , 2011 , 71, 1	4.2	25
296	Indication of electron neutrino appearance from an accelerator-produced off-axis muon neutrino beam. <i>Physical Review Letters</i> , 2011 , 107, 041801	7.4	946
295	SUNLAB The Project of a Polish Underground Laboratory 2010 ,		2
294	Measurements of CP-conserving trilinear gauge boson couplings WWV ($V=Z$) in e^+e^- collisions at LEP2. <i>European Physical Journal C</i> , 2010 , 66, 35-56	4.2	18
293	Study of the dependence of direct soft photon production on the jet characteristics in hadronic Z ⁰ decays. <i>European Physical Journal C</i> , 2010 , 67, 343-366	4.2	10
292	Scintillator counters with WLS fiber/MPPC readout for the side muon range detector (SMRD) of the T2K experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 623, 382-384	1.2	6
291	Inclusive single-particle 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> , 2009 , 678, 444-449	4.2	1
290	Search for one large extra dimension with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2009 , 60, 17-23	4.2	35
289	A study of $(\bar{b}b)$ production in e^+e^- collisions at $(\sqrt{s}=130) \approx 07$ GeV. <i>European Physical Journal C</i> , 2009 , 60, 1-15	4.2	10
288	Correlations between polarisation states of W particles in the reaction $e^+e^- \rightarrow W^+W^-$ at LEP2 energies $189 \approx 09$ GeV. <i>European Physical Journal C</i> , 2009 , 63, 611-623	4.2	
287	Measurement of the tau lepton polarisation at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 659, 65-73	4.2	
286	Higgs boson searches in CP-conserving and CP-violating MSSM scenarios with the DELPHI detector. <i>European Physical Journal C</i> , 2008 , 54, 1	4.2	
285	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> , 2008 , 54, 345-364	4.2	32
284	Measurement of the mass and width of the W boson in e^+e^- collisions at $(\sqrt{s}) = 161 \approx 09$ GeV. <i>European Physical Journal C</i> , 2008 , 55, 1	4.2	28
283	Study of b-quark mass effects in multijet topologies with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2008 , 55, 525-538	4.2	15
282	Di-jet production in e^+e^- collisions at LEP2. <i>European Physical Journal C</i> , 2008 , 58, 531-541	4.2	1

281	Observation of the muon inner bremsstrahlung at LEP1. <i>European Physical Journal C</i> , 2008 , 57, 499-514	4.2	8
280	Study of multi-muon bundles in cosmic ray showers detected with the DELPHI detector at LEP. <i>Astroparticle Physics</i> , 2007 , 28, 273-286	2.4	40
279	Search for pentaquarks in the hadronic decays of the Z boson with the DELPHI detector at LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 653, 151-160	4.2	5
278	Search for a fourth generation b quark at LEP-II at $(\sqrt{s}=196\text{--}209 \text{ GeV})$. <i>European Physical Journal C</i> , 2007 , 50, 507-518	4.2	3
277	Investigation of Colour Reconnection in WW events with the DELPHI detector at LEP-2. <i>European Physical Journal C</i> , 2007 , 51, 249	4.2	12
276	Z^0 production in e^+e^- interactions at $(\sqrt{s} = 183\text{--}209 \text{ GeV})$. <i>European Physical Journal C</i> , 2007 , 51, 503-523	4.2	2
275	Study of triple-gauge-boson couplings ZZZ, ZZ γ and Z $\gamma\gamma$ at LEP. <i>European Physical Journal C</i> , 2007 , 51, 525-542	4.2	21
274	Large underground, liquid based detectors for astro-particle physics in Europe: scientific case and prospects. <i>Journal of Cosmology and Astroparticle Physics</i> , 2007 , 2007, 011-011	6.4	91
273	Silicon Ultra fast Cameras for electron and β sources In Medical Applications: a progress report. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006 , 150, 308-312		1
272	Performance of a liquid argon time projection chamber exposed to the CERN West Area Neutrino Facility neutrino beam. <i>Physical Review D</i> , 2006 , 74,	4.9	34
271	The SUCIMA project: A status report on high granularity dosimetry and proton beam monitoring. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 560, 153-157	1.2	7
270	Search for \bar{B} in two-photon collisions at LEP II with the DELPHI detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 634, 340-346	4.2	10
269	Masses, lifetimes and production rates of τ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 639, 179-191	4.2	2
268	Study of leading hadrons in gluon and quark fragmentation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 643, 147-157	4.2	6
267	Precision electroweak measurements on the Z resonance. <i>Physics Reports</i> , 2006 , 427, 257-454	27.7	730
266	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> , 2006 , 556, 146-157	1.2	37
265	Measurement of through-going particle momentum by means of multiple scattering with the ICARUS T600 TPC. <i>European Physical Journal C</i> , 2006 , 48, 667-676	4.2	32
264	Determination of heavy quark non-perturbative parameters from spectral moments in semileptonic B decays. <i>European Physical Journal C</i> , 2006 , 45, 35-59	4.2	22

263	Single intermediate vector boson production in $e + e^-$ collisions * at $(\sqrt{s} = \{ \})$ 183-209 GeV. <i>European Physical Journal C</i> , 2006 , 45, 273-289	4.2	47
262	Measurement and interpretation of fermion-pair production at LEP energies above the Z resonance. <i>European Physical Journal C</i> , 2006 , 45, 589-632	4.2	24
261	A measurement of the tau hadronic branching ratios. <i>European Physical Journal C</i> , 2006 , 46, 1-26	4.2	3
260	Study of double-tagged τ events at LEP2. <i>European Physical Journal C</i> , 2006 , 46, 559-568	4.2	2
259	Determination of the b quark mass at the MZ scale with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2006 , 46, 569-583	4.2	11
258	Search for excited leptons in $e+e^-$ collisions at $(\sqrt{s})=189\text{--}209$ GeV. <i>European Physical Journal C</i> , 2006 , 46, 277	4.2	10
257	A determination of the centre-of-mass energy at LEP2 using radiative two-fermion events. <i>European Physical Journal C</i> , 2006 , 46, 295-305	4.2	7
256	Evidence for an excess of soft photons in hadronic decays of Z^0 . <i>European Physical Journal C</i> , 2006 , 47, 273-294	4.2	17
255	Search for neutral MSSM Higgs bosons at LEP. <i>European Physical Journal C</i> , 2006 , 47, 547	4.2	496
254	Photon events with missing energy in $e + e^-$ collisions at $(\sqrt{s} = \{ \})$ 130 to 209 GeV. <i>European Physical Journal C</i> , 2005 , 38, 395-411	4.2	117
253	Measurement of the energy dependence of hadronic jet rates and the strong coupling (α_s) from the four-jet rate with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2005 , 38, 413-426	4.2	10
252	Determination of A FB b at the Z pole using inclusive charge reconstruction and lifetime tagging. <i>European Physical Journal C</i> , 2005 , 40, 1-25	4.2	3
251	Flavour independent searches for hadronically decaying neutral Higgs bosons. <i>European Physical Journal C</i> , 2005 , 44, 147-159	4.2	7
250	Bose-Einstein Correlations in $W^+ W^-$ events at LEP2. <i>European Physical Journal C</i> , 2005 , 44, 161-174	4.2	9
249	Production of (χ_{c^0}) and (χ_{b^0}) in Z decays and lifetime measurement of (χ_{b^0}) . <i>European Physical Journal C</i> , 2005 , 44, 299-309	4.2	8
248	. <i>European Physical Journal C</i> , 2005 , 44, 311-331	4.2	4
247	Final results from DELPHI on the searches for SM and MSSM neutral Higgs bosons. <i>European Physical Journal C</i> , 2004 , 32, 145-183	4.2	29
246	b-tagging in DELPHI at LEP. <i>European Physical Journal C</i> , 2004 , 32, 185-208	4.2	50

245	Measurement of the τ decay spectrum with the ICARUS liquid Argon TPC. <i>European Physical Journal C</i> , 2004 , 33, 233-241	4.2	41
244	Measurement of $ V_{cb} $ using the semileptonic decay ($\overline{B^0} \rightarrow D^* \ell \overline{\nu}_\ell$). <i>European Physical Journal C</i> , 2004 , 33, 213-232	4.2	23
243	A precise measurement of the B^+ , B^0 and mean b-hadron lifetime with the DELPHI detector at LEP I. <i>European Physical Journal C</i> , 2004 , 33, 307-324	4.2	5
242	Measurement of the forward-backward asymmetries of ($e^+ e^- \rightarrow Z \rightarrow b \overline{b}$) and ($e^+ e^- \rightarrow Z \rightarrow c \overline{c}$) using prompt leptons. <i>European Physical Journal C</i> , 2004 , 34, 109-125	4.2	6
241	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> , 2004 , 34, 127-144	4.2	28
240	Search for SUSY in the AMSB scenario with the DELPHI detector. <i>European Physical Journal C</i> , 2004 , 34, 145-156	4.2	12
239	Search for charged Higgs bosons at LEP in general two Higgs doublet models. <i>European Physical Journal C</i> , 2004 , 34, 399-418	4.2	69
238	Search for (B^0_s)- ($\overline{B^0_s}$) oscillations in DELPHI using high-p t leptons. <i>European Physical Journal C</i> , 2004 , 35, 35-52	4.2	6
237	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> , 2004 , 35, 159-170	4.2	76
236	Search for fermiophobic Higgs bosons in final states with photons at LEP 2. <i>European Physical Journal C</i> , 2004 , 35, 313-324	4.2	20
235	Search for supersymmetric particles assuming R-parity non-conservation in $e^+ e^-$ collisions at (\sqrt{s}) = 192) to 208 GeV. <i>European Physical Journal C</i> , 2004 , 36, 1-23	4.2	22
234	The measurement of (α_s) from event shapes with the DELPHI detector at the highest LEP energies. <i>European Physical Journal C</i> , 2004 , 37, 1-23	4.2	22
233	A precise measurement of the tau lifetime. <i>European Physical Journal C</i> , 2004 , 36, 283-296	4.2	10
232	Determination of the ($e^+ e^- \rightarrow \gamma \gamma$ (γ)) cross-section at LEP 2. <i>European Physical Journal C</i> , 2004 , 37, 405-419	4.2	10
231	Searches for neutral Higgs bosons in extended models. <i>European Physical Journal C</i> , 2004 , 38, 1-28	4.2	75
230	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> , 2004 , 516, 68-79	1.2	49
229	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> , 2004 , 523, 275-286	1.2	74
228	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> , 2004 , 527, 329-410	1.2	278

227	Measurement of the B_0 decay form factor. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004 , 585, 63-84	4.2	25
226	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> , 2004 , 590, 21-34	4.2	35
225	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> , 2004 , 516, 348-363 ^{1.2}		20
224	Position-sensitive silicon detectors for real-time dosimetry in medical applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 411-414	1.2	2
223	Searches for invisibly decaying Higgs bosons with the DELPHI detector at LEP. <i>European Physical Journal C</i> , 2004 , 32, 475-492	4.2	30
222	DATA ACQUISITION SYSTEM FOR SILICON ULTRA FAST CAMERAS FOR ELECTRON AND GAMMA SOURCES IN MEDICAL APPLICATIONS (SUCIMA IMAGER) 2004 ,		4
221	Search for an LSP gluino at LEP with the DELPHI detector. <i>European Physical Journal C</i> , 2003 , 26, 505-525 ^{4.2}	4.2	12
220	Search for supersymmetric particles in light gravitino scenarios and sleptons NLSP. <i>European Physical Journal C</i> , 2003 , 27, 153-172	4.2	22
219	Search for resonant ($\tilde{\nu}$) production at $(\sqrt{s} =)$ 183 to 208 GeV. <i>European Physical Journal C</i> , 2003 , 28, 15-26	4.2	7
218	Search for $(B^0_{\overline{s}} \rightarrow B^0_{\overline{d}})$ oscillations and a measurement of $(B^0_{\overline{d}} \rightarrow B^0_{\overline{s}})$ oscillations using events with an inclusively reconstructed vertex. <i>European Physical Journal C</i> , 2003 , 28, 155-173	4.2	17
217	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> , 2003 , 29, 285-312	4.2	57
216	ZZ production in e^+e^- interactions at $(\sqrt{s} =)$ 183-209 GeV. <i>European Physical Journal C</i> , 2003 , 30, 447-466	4.2	20
215	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> , 2003 , 31, 139-147	4.2	24
214	Searches for supersymmetric particles in e^+e^- collisions up to 208 GeV and interpretation of the results within the MSSM. <i>European Physical Journal C</i> , 2003 , 31, 421-479	4.2	153
213	The $(\eta_c(2980))$ formation in two-photon collisions at LEP energies. <i>European Physical Journal C</i> , 2003 , 31, 481-489	4.2	3
212	A measurement of the branching fractions of the b-quark into charged and neutral b-hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 576, 29-42	4.2	13
211	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> , 2003 , 508, 287-294	1.2	25
210	Search for doubly charged Higgs bosons at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 552, 127-137	4.2	59

209	Inclusive $b\bar{c}$ decays to wrong sign charmed mesons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 561, 26-40	4.2	3
208	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> , 2003 , 565, 76-86	4.2	36
207	Silicon ultra fast cameras for electron and β sources in medical applications. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2003 , 125, 133-138		20
206	Searches for neutral Higgs bosons in (e^+e^-) collisions from $(\sqrt{s} = 191.6)$ to 201.7 GeV. <i>European Physical Journal C</i> , 2002 , 23, 409-435	4.2	8
205	Search for charged Higgs bosons in e^+e^- collisions at $s=189\text{--}202\text{ GeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 525, 17-28	4.2	12
204	Search for sleptons in (e^+e^-) collisions at $(\sqrt{s} =)183$ to 189 GeV. <i>European Physical Journal C</i> , 2001 , 19, 29-42	4.2	3
203	Measurement of the ZZ cross-section in e^+e^- interactions at $183\text{--}189\text{ GeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001 , 497, 199-213	4.2	6
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61	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
60	A measurement of B meson production and lifetime using D_L events in Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1993 , 57, 181-195		28
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56	A search for neutral Higgs particles in Z^0 decays. <i>Nuclear Physics B</i> , 1992 , 373, 3-34	2.8	38
55	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
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53	Search for excited charged leptons in Z^0 decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 53, 41-49		16
52	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
51	Measurement of the average lifetime of B hadrons. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1992 , 53, 567-580		18
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43	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
42	The DELPHI detector at LEP. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1991 , 303, 233-276	1.2	322
41	Charged particle multiplicity distributions in restricted rapidity intervals in Z0 hadronic decays. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1991 , 52, 271-281		49
40	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
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38	A measurement of the lifetime of the tau lepton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 267, 422-430	4.2	17
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36	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
35	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
34	Study of hadronic decays of the Z0 boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 240, 271-282	4.2	89
33	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
32	Search for scalar quarks in Z0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 247, 148-156	4.2	22
31	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
30	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

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26	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
25	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
24	Search for the t and b' quarks in hadronic decays of the Z0 boson. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 242, 536-546	4.2	15
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4	Determination of the fire-ball dimensions from second-order interference between two pions. <i>Nuclear Physics B</i> , 1976 , 103, 198-212	2.8	36
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