

# Konstantinos Karafasoulis

## List of Publications by Year in descending order

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162  
papers

7,372  
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126858

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g-index

162  
all docs

162  
docs citations

162  
times ranked

7765  
citing authors

#	ARTICLE	IF	CITATIONS
1	The CMS experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08004-S08004.	0.5	2,192
2	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	10.3	974
3	Observation and studies of jet quenching in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2011, 84, 054002.	1.1	455
4	Performance of the DELPHI detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 378, 57-100.	0.7	294
5	Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s} = 0.9$ and 2.36 TeV. Journal of High Energy Physics, 2010, 2010, 1.	1.6	230
6	CMS Physics Technical Design Report: Addendum on High Density QCD with Heavy Ions. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2307-2455.	1.4	136
7	Measurement of $W+W\gamma$ production and search for the Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 709, 1-10.	2.9	80
8	Study of $Z$ Boson Production in PbPb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2011, 106, 212301.	2.9	74
9	Search for the Standard Model Higgs boson at LEP in the year 2000. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 23-37.	1.5	65
10	Measurement of the $B^0$ Production Cross Section in $pp$ Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2011, 106, 231801.	2.9	61
11	Performance and operation of the CMS electromagnetic calorimeter. Journal of Instrumentation, 2010, 5, T03010-T03010.	0.5	59
12	Alignment of the CMS silicon tracker during commissioning with cosmic rays. Journal of Instrumentation, 2010, 5, T03009-T03009.	0.5	59
13	Measurement of the lepton charge asymmetry in inclusive $W$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	59
14	Search for charginos, neutralinos and gravitinos at LEP. European Physical Journal C, 1998, 1, 1-20.	1.4	57
15	Identification and filtering of uncharacteristic noise in the CMS hadron calorimeter. Journal of Instrumentation, 2010, 5, T03014-T03014.	0.5	57
16	Performance of CMS muon reconstruction in cosmic-ray events. Journal of Instrumentation, 2010, 5, T03022-T03022.	0.5	52
17	Measurement and interpretation of fermion-pair production at LEP energies of 183 and 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 485, 45-61.	1.5	51

#	ARTICLE	IF	CITATIONS
19	mb at MZ. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 418, 430-442.	1.5	48
20	Energy dependence of event shapes and of $\hat{I}_{\pm s}$ at LEP 2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 456, 322-340.	1.5	48
21	Measurement of the differential dijet production cross section in proton-proton collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 187-206.	1.5	48
22	Search for Supersymmetry in $pp$ Collisions at $\sqrt{s} = 7$ TeV in Events with Two Photons and Missing Transverse Energy. Physical Review Letters, 2011, 106, 211802.	2.9	47
23	The scale dependence of the hadron multiplicity in quark and gluon jets and a precise determination of CA/CF. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 449, 383-400.	1.5	44
24	Measurement and interpretation of the W-pair cross-section in $e^+e^-$ interactions at 161 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 397, 158-170.	1.5	42
25	Search for resonances in the dilepton mass distribution in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	39
26	First evidence for a charm radial excitation, D. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 231-242.	1.5	37
27	Commissioning of the CMS experiment and the cosmic run at four tesla. Journal of Instrumentation, 2010, 5, T03001-T03001.	0.5	37
28	Performance of the CMS hadron calorimeter with cosmic ray muons and LHC beam data. Journal of Instrumentation, 2010, 5, T03012-T03012.	0.5	36
29	Precise mapping of the magnetic field in the CMS barrel yoke using cosmic rays. Journal of Instrumentation, 2010, 5, T03021-T03021.	0.5	36
30	Measurement of the spin density matrix for the $\bar{J}/\psi(0, K^* \rightarrow 0(892)$ and F produced in $Z^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 406, 271-286.	1.5	35
31	Measurement of $V_{cb}$ from the decay process. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 510, 55-74.	1.5	35
32	Commissioning and performance of the CMS pixel tracker with cosmic ray muons. Journal of Instrumentation, 2010, 5, T03007-T03007.	0.5	35
33	Time reconstruction and performance of the CMS electromagnetic calorimeter. Journal of Instrumentation, 2010, 5, T03011-T03011.	0.5	34
34	Energy dependence of inclusive spectra in $e^+e^-$ annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 397-411.	1.5	32
35	Search for Leptoquarks and FCNC in $e^+e^-$ annihilations at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 62-74.	1.5	31
36	Two-dimensional analysis of the Bose-Einstein correlations in $e^+e^-$ annihilation at the $Z^0$ peak. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 471, 460-470.	1.5	31

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37	Search for a heavy bottom-like quark in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 423, 194-206.	1.5	30
38	Measurement of trilinear gauge couplings in $e^+e^-$ collisions at 161 GeV and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 423, 194-206.	1.5	29
39	Measurement of trilinear gauge boson couplings $WWV$ , ( $V = \gamma, Z$ ) in $e^+e^-$ collisions at 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 9-23.	1.5	29
40	Charged particle multiplicity in $e^+e^-$ interactions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 372, 172-180.	1.5	28
41	Search for the $B_c$ meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 398, 207-222.	1.5	28
42	A study of the hadronic resonance structure in the decay $\bar{B}_d \rightarrow \bar{D}^* \ell^+ \ell^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 426, 411-427.	1.5	28
43	Search for the $B_c$ meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 398, 207-222.	1.5	27
44	Study of rare decays with the DELPHI detector at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 207-220.	1.5	26
45	Search for exclusive decays of the $\Lambda_b$ baryon and measurement of its mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 351-361.	1.5	26
46	Determination of $ V_{ub} / V_{cb} $ with DELPHI at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 14-30.	1.5	26
47	The COCAE Detector: An Instrument for Localization and Identification of Radioactive Sources. IEEE Transactions on Nuclear Science, 2011, 58, 2363-2370.	1.2	26
48	Search for physics beyond the standard model in opposite-sign dilepton events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	26
49	A search for heavy stable and long-lived squarks and sleptons in $e^+e^-$ collisions at energies from 130 to 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 444, 491-502.	1.5	25
50	Search for a fermiophobic Higgs at LEP 2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 507, 89-103.	1.5	25
51	Performance study of the CMS barrel resistive plate chambers with cosmic rays. Journal of Instrumentation, 2010, 5, T03017-T03017.	0.5	25
52	Measurement of the muon stopping power in lead tungstate. Journal of Instrumentation, 2010, 5, P03007-P03007.	0.5	25
53	Commissioning and performance of the CMS silicon strip tracker with cosmic ray muons. Journal of Instrumentation, 2010, 5, T03008-T03008.	0.5	25
54	Measurement of correlations between pions from different $W$ 's in $e^+e^- \rightarrow W^+W^-$ events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 181-191.	1.5	24

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55	Performance of the CMS drift tube chambers with cosmic rays. Journal of Instrumentation, 2010, 5, T03015-T03015.	0.5	24
56	Performance of the CMS Level-1 trigger during commissioning with cosmic ray muons and LHC beams. Journal of Instrumentation, 2010, 5, T03002-T03002.	0.5	24
57	Alignment of the CMS muon system with cosmic-ray and beam-halo muons. Journal of Instrumentation, 2010, 5, T03020-T03020.	0.5	23
58	Measurement of $ V_{cs} $ using $W$ decays at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 439, 209-224.	1.5	22
59	Measurement of inclusive $\bar{D}^0$ , $f_0(980)$ , $f_2(1270)$ , $K$ and $\bar{K}^{*2}(1525)$ production in $Z^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 449, 364-382.	1.5	22
60	Measurements of the trilinear gauge boson couplings $WWV$ ( $V = \gamma, Z$ ) in $e^+e^-$ collisions at 183 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 382-396.	1.5	22
61	Search for large extra dimensions in the diphoton final state at the Large Hadron Collider. Journal of High Energy Physics, 2011, 2011, 1.	1.6	22
62	Kaon interference in the hadronic decays of the $Z^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 379, 330-340.	1.5	21
63	Measurement of the multiplicity of gluons splitting to bottom quark pairs in hadronic $Z^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 405, 202-214.	1.5	21
64	Search for heavy stable and long-lived particles in $e^+e^-$ collisions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 65-72.	1.5	21
65	$W$ pair production cross-section and $W$ branching fractions in $e^+e^-$ interactions at 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 89-100.	1.5	21
66	Performance of CMS hadron calorimeter timing and synchronization using test beam, cosmic ray, and LHC beam data. Journal of Instrumentation, 2010, 5, T03013-T03013.	0.5	20
67	Performance of the CMS cathode strip chambers with cosmic rays. Journal of Instrumentation, 2010, 5, T03018-T03018.	0.5	20
68	Measurement of the inclusive $Z$ cross section via decays to tau pairs in $pp$ collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	20
69	Search for stable heavy charged particles in $e^+e^-$ collisions at , 161 and 172 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 396, 315-326.	1.5	19
70	Measurement of the rate of events in hadronic $Z$ decays and the extraction of the gluon splitting into. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 462, 425-439.	1.5	19
71	Aligning the CMS muon chambers with the muon alignment system during an extended cosmic ray run. Journal of Instrumentation, 2010, 5, T03019-T03019.	0.5	19
72	Performance of the CMS drift-tube chamber local trigger with cosmic rays. Journal of Instrumentation, 2010, 5, T03003-T03003.	0.5	19

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73	CMS data processing workflows during an extended cosmic ray run. Journal of Instrumentation, 2010, 5, T03006-T03006.	0.5	19
74	Search for anomalous production of single photons at and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 471-479.	1.5	18
75	Study of radiative leptonic events with hard photons and search for excited charged leptons at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 380, 480-490.	1.5	18
76	Measurement of $\overline{B}_d^0$ - $B_d^0$ oscillations. Zeitschrift für Physik C-Particles and Fields, 1997, 76, 579-598.	1.5	18
77	A measurement of $\hat{\Gamma}_{\pm}$ from the scaling violation in $e^+e^-$ annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 398, 194-206.	1.5	18
78	A search for $\hat{\Gamma}_{\pm}c$ production in photon-photon fusion at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 441, 479-490.	1.5	18
79	Measurement of the mass of the W boson using direct reconstruction at $\sqrt{s} = 183$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 462, 410-424.	1.5	18
80	Hadronization properties of b quarks compared to light quarks in from 183 to 200 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 118-128.	1.5	18
81	Fine synchronization of the CMS muon drift-tube local trigger using cosmic rays. Journal of Instrumentation, 2010, 5, T03004-T03004.	0.5	18
82	Search for SUSY with R-parity violating couplings at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 36-52.	1.5	17
83	A study of the Lorentz structure in tau decays. European Physical Journal C, 2000, 16, 229-252.	1.4	17
84	Calibration of the CMS drift tube chambers and measurement of the drift velocity with cosmic rays. Journal of Instrumentation, 2010, 5, T03016-T03016.	0.5	17
85	A precise measurement of the tau lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 365, 448-460.	1.5	16
86	Search for the lightest chargino at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 382, 323-336.	1.5	16
87	Search for the Higgs boson in events with isolated photons at LEP 2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 458, 431-446.	1.5	15
88	Determination of the $e^+e^- \rightarrow \hat{\Gamma}_{\pm}^* \hat{\Gamma}_{\pm}^* (\hat{\Gamma}_{\pm}^*)$ cross-section at centre-of-mass energies ranging from 189 GeV to 202 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 491, 67-80.	1.5	15
89	Search for supersymmetric partners of top and bottom quarks at $\hat{A}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 496, 59-75.	1.5	15
90	Measurement of the mass and width of the W boson in $e^+e^-$ collisions at $\hat{A}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 511, 159-177.	1.5	15

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91	Production of $\Sigma^0$ and $\Omega^-$ in Z decays. Zeitschrift für Physik C-Particles and Fields, 1996, 70, 371-381.	1.5	14
92	Search for neutralinos, scalar leptons and scalar quarks in $e^+e^-$ interactions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 651-666.	1.5	14
93	Observation of charge-ordering in particle production in hadronic Z0 decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 407, 174-184.	1.5	14
94	Search for charginos, neutralinos and gravitinos at LEP. European Physical Journal C, 1998, 1, 1.	1.4	14
95	Charged particle multiplicity in events at 161 and 172 GeV and from the decay of the W boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 416, 233-246.	1.5	14
96	Search for charginos, neutralinos and gravitinos in $e^+e^-$ interactions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 75-91.	1.5	14
97	$\hat{b}$ polarization in Z0 decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 474, 205-222.	1.5	14
98	Measurement of the branching fraction. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 407-428.	1.5	13
99	Upper limit for the decay and measurement of the branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 496, 43-58.	1.5	13
100	Search for R-parity violation with a coupling at $\hat{A}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 500, 22-36.	1.5	13
101	Measurement of the $e^+e^- \rightarrow \hat{a}^+ \hat{t}^3 \hat{t}^3 (\hat{t}^3)$ cross section at the LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 433, 429-440.	1.5	12
102	Limits on the masses of supersymmetric particles at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 38-54.	1.5	12
103	Study of $\{\mathrm{B}^0_s\}\text{-}\overline{\{\mathrm{B}^0_s\}}$ oscillations and $\{\mathrm{B}^0_s\}$ lifetimes using hadronic decays of $\{\mathrm{B}^0_s\}$ mesons. European Physical Journal C, 2000, 18, 229-252.	1.4	12
104	Measurement of the triple gluon vertex from double quark tagged 4-jet events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 401-418.	1.5	11
105	Rapidity correlations in $\hat{b}$ baryon and proton production in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 416, 247-256.	1.5	11
106	Inclusive $\hat{\Sigma}^+$ and $\hat{b}(1520)$ production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 429-447.	1.5	11
107	Update of the search for charginos nearly mass-degenerate with the lightest neutralino. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 485, 95-106.	1.5	11
108	Search for spontaneous R-parity violation at $\hat{A}$ GeV and $189\hat{A}$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 502, 24-36.	1.5	11

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109	Imaging of spatially extended hot spots with coded apertures for intra-operative nuclear medicine applications. <i>Journal of Instrumentation</i> , 2017, 12, C01059-C01059.	0.5	11
110	Search for excited leptons in $e^+e^-$ collisions at. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 393, 245-260.	1.5	10
111	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> , 1998, 420, 140-156.	1.5	10
112	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</i> , 1999, 457, 368-382.	1.5	10
113	Search for charged Higgs bosons at LEP 2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 460, 484-497.	1.5	10
114	Updated precision measurement of the average lifetime of B hadrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 377, 195-204.	1.5	9
115	Mean lifetime of the $B_s^0$ meson. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996, 71, 11-30.	1.5	8
116	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</i> , 1999, 456, 310-321.	1.5	8
117	Search for charginos in $e^+e^-$ interactions at GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 479, 129-143.	1.5	8
118	Single intermediate vector boson production in $e^+e^-$ collisions at $\sqrt{s}=183$ and $189$ GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 515, 238-254.	1.5	8
119	Measurement of the $B_d^0$ oscillation frequency using kaons, leptons and jet charge. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996, 72, 17-30.	1.5	7
120	Measurement of the inclusive charmless and double-charm B branching ratios. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 426, 193-206.	1.5	7
121	Search for the sgoldstino at from 189 to 202 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 494, 203-214.	1.5	7
122	Radioactive source localization by a two detector system. <i>Journal of Instrumentation</i> , 2015, 10, C12022-C12022.	0.5	7
123	3-D localization of gamma ray sources with coded apertures for medical applications. <i>Journal of Physics: Conference Series</i> , 2015, 637, 012016.	0.3	7
124	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> , 1999, 6, 385.	1.4	7
125	First measurement of $f_2^{\prime}(1525)$ production in Z0 hadronic decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 379, 309-318.	1.5	6
126	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> , 1998, 440, 203-216.	1.5	6



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127	Measurement of the charged particle multiplicity of weakly decaying B hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 425, 399-412.	1.5	6
128	A search for invisible Higgs bosons produced in $e^+e^-$ interactions at LEP 2 energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 459, 367-381.	1.5	6
129	Measurement of the ZZ cross-section in $e^+e^-$ interactions at $\sqrt{s} = 183\text{--}189\text{ GeV}$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 497, 199-213.	1.5	6
130	Search for $B_s^0$ -oscillations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 382-400.	1.5	5
131	Search for scalar fermions and long-lived scalar leptons at centre-of-mass energies of 130 GeV to 172 GeV. European Physical Journal C, 1999, 6, 385-401.	1.4	5
132	Commissioning of the CMS High-Level Trigger with cosmic rays. Journal of Instrumentation, 2010, 5, T03005-T03005.	0.5	5
133	Gamma spectroscopic measurements using the PID350 pixelated CdTe radiation detector. , 2010, , .		5
134	Localization of radioactive source using a network of small form factor CZT sensors. Journal of Instrumentation, 2020, 15, C04015-C04015.	0.5	5
135	Search for pair-produced neutralinos in events with photons and missing energy from. European Physical Journal C, 1999, 6, 371.	1.4	5
136	Measurement of the transverse spin correlation in $Z \rightarrow \bar{l}_i l_j$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 404, 194-206.	1.5	4
137	Search for pair-produced neutralinos in events with photons and missing energy from $e^+e^-$ collisions at $\sqrt{s} = 130 - 183\text{ GeV}$ . European Physical Journal C, 1999, 6, 371-384.	1.4	4
138	Update of the search for supersymmetric particles in scenarios with gravitino LSP and sleptons NLSP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 503, 34-48.	1.5	4
139	Search for high mass $\tilde{\chi}_1^0$ resonances in $e^+e^- \rightarrow \ell^+\ell^-\gamma\gamma$ , $e^+e^- \rightarrow \ell^+\ell^-\gamma\gamma$ and $e^+e^- \rightarrow \ell^+\ell^-\gamma\gamma$ at LEP at LEP I. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 179-190.	1.5	3
140	First study of the interference between initial and final state radiation at the Z resonance. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 31-38.	1.5	3
141	Identified particles in quark and gluon jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 118-130.	1.5	3
142	Rapidity-rank structure of pairs in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 490, 61-70.	1.5	3
143	MIDAS: A Miniature Device for Real-Time Determination of the Identity and Energy of Particles in Space. Space Weather, 2020, 18, e2019SW002344.	1.3	3
144	Measurement of the $B^0 \rightarrow d$ oscillation frequency using kaons, leptons and jet charge. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 17-30.	1.5	3

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145	Search for chargino pair production in scenarios with gravitino LSP and stau NLSP at GeV at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 466, 61-70.	1.5	2
146	Simulated Performance of Algorithms for the Localization of Radioactive Sources from a Position Sensitive Radiation Detecting System (COCAE). AIP Conference Proceedings, 2011, , .	0.3	2
147	Mean lifetime of the $B_s^0$ meson. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 11-30.	1.5	2
148	Radioactive source localization using a data driven MVA method. Journal of Instrumentation, 2022, 17, C03018.	0.5	2
149	Search for promptly produced heavy quarkonium states in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 575-583.	1.5	1
150	Determination of $ V_{cb} $ from the semileptonic decay $B^0 \rightarrow D^{*+} \ell^+ \nu_{\ell}$ . Zeitschrift für Physik C-Particles and Fields, 1996, 71, 539-553.	1.5	1
151	An upper limit for $Br(Z^0 \rightarrow ggg)$ from symmetric 3-jet $Z^0$ hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 405-415.	1.5	1
152	The COCAE detector: An instrument for localization & Identification of radioactive sources. , 2010, , .		1
153	Simulation studies and spectroscopic measurements of a position sensitive detector based on pixelated CdTe crystals. , 2010, , .		1
154	Measurement of inclusive $\pi^0$ production in hadronic Z <sup>0</sup> decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 561-573.	1.5	0
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