

Achim Stahl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6400571/publications.pdf>

Version: 2024-02-01

517
papers

50,921
citations

7551

77
h-index

1745

212
g-index

530
all docs

530
docs citations

530
times ranked

18724
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Particle Physics. Physical Review D, 2018, 98, .	1.6	5,390
2	Review of Particle Physics. Physical Review D, 2012, 86, .	1.6	5,054
3	Review of Particle Physics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 592, 1-5.	1.5	4,599
4	Review of Particle Physics. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	3,177
5	Review of Particle Properties. Physical Review D, 2002, 66, .	1.6	2,845
6	Indication of Reactor $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:msub}> \langle \text{mml:mover accent="true"> \langle \text{mml:mi}> \hat{1}/2 \langle \text{mml:mi}> \langle \text{mml:mo}> \hat{\sim} \langle \text{mml:mo}> \langle \text{mml:mover}> \langle \text{mml:mi}> e \langle \text{mml:mi}> \langle \text{mml:msub}> \langle \text{mml:math}> \langle \text{mml:math}> \text{Disappea$ in the Double Chooz Experiment. Physical Review Letters, 2012, 108, 131801.	2.9	879
7	Neutrino physics with JUNO. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 030401.	1.4	750
8	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	1.4	592
9	Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 \sqrt{s} TeV. European Physical Journal C, 2015, 75, 212.	1.4	541
10	Event generator tunes obtained from underlying event and multiparton scattering measurements. European Physical Journal C, 2016, 76, 155.	1.4	499
11	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. Journal of High Energy Physics, 2010, 2010, 1.	1.6	497
12	ALEPH: A detector for electron-positron annihilations at LEP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 294, 121-178.	0.7	416
13	Study of high-p T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{\text{NN}}}=2.76\text{--}4.76\text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	369
14	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2019, 79, 421.	1.4	355
15	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	1.4	342
16	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s}=7\text{ TeV}$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	320
17	Search for dark matter, extra dimensions, and unparticles in monojet events in proton-proton collisions at $\sqrt{s}=8\text{ TeV}$. European Physical Journal C, 2015, 75, 235.	1.4	320
18	Reactor $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:msub}> \langle \text{mml:mover accent="true"> \langle \text{mml:mi}> \hat{1}/2 \langle \text{mml:mi}> \langle \text{mml:mo}> \hat{\sim} \langle \text{mml:mo}> \langle \text{mml:mover}> \langle \text{mml:mi}> e \langle \text{mml:mi}> \langle \text{mml:msub}> \langle \text{mml:math}> \langle \text{mml:math}> \text{Disappea$ in the Double Chooz experiment. Physical Review D, 2012, 86, .	1.6	275

#	ARTICLE	IF	CITATIONS
19	Searches for electroweak production of charginos, neutralinos, and sleptons decaying to leptons and W, Z, and Higgs bosons in pp collisions at 8 TeV. European Physical Journal C, 2014, 74, 3036.	1.4	241
20	Determination of the number of light neutrino species. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 519-529.	1.5	239
21	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
22	Polarized positrons and electrons at the linear collider. Physics Reports, 2008, 460, 131-243.	10.3	222
23	Suppression of non-prompt J/ψ , prompt J/ψ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	200
24	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4.	1.4	198
25	Measurement of the differential cross section for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2015, 75, 542.	1.4	191
26	The next-generation liquid-scintillator neutrino observatory LENA. Astroparticle Physics, 2012, 35, 685-732.	1.9	181
27	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	181
28	Improved measurements of the neutrino mixing angle $\hat{\theta}_{13}$ with the Double Chooz detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	181
29	Search for heavy neutrinos and W bosons with right-handed couplings in proton-proton collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2014, 74, 3149.	1.4	179

30

#	ARTICLE	IF	CITATIONS
37	Search for supersymmetry in hadronic final states with missing transverse energy using the variables \hat{L}_{\pm} T and b-quark multiplicity in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2013, 73, 2568.	1.4	147
38	Strange particle production in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	139
39	Prompt and non-prompt J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	135
40	A search for a doubly-charged Higgs boson in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	129
41	Measurement of differential top-quark-pair production cross sections in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2013, 73, 1.	1.4	125
42	Evidence for the 125 GeV Higgs boson decaying to a pair of $\tilde{l}, \tilde{\nu}$, leptons. Journal of High Energy Physics, 2014, 2014, 1.	1.6	123
43	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13, 13.6, 13.8, 13.9, 14.0, 14.1, 14.2, 14.3, 14.4, 14.5, 14.6, 14.7, 14.8, 14.9, 15.0 \text{ TeV}$ in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	1.4	123
44	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	122
45	CMS tracking performance results from early LHC operation. European Physical Journal C, 2010, 70, 1165-1192.	1.4	120
46	Searches for long-lived charged particles in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	118
47	Search for a light charged Higgs boson in top quark decays in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	117
48	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9, 2.36, \text{ and } 7 \text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	106
49	A precise determination of the number of families with light neutrinos and of the Z boson partial widths. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 399-411.	1.5	104
50	Charged-particle nuclear modification factors in PbPb and pPb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	103
51	Heavy flavour production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 551-565.	1.5	101
52	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	101
53	Search for new physics in the multijet and missing transverse momentum final state in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	100
54	Production of $\epsilon^+, K^+, K^0, \bar{K}^0, \bar{l}, \text{ and } \bar{\nu}$ in hadronic Z decays. Physical Review D, 1999, 59, .	1.6	99

#	ARTICLE	IF	CITATIONS
73	Search for neutral MSSM Higgs bosons decaying to a pair of tau leptons in pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	1.6	81
74	Measurement of the b-quark fragmentation function in Z0 decays. Physical Review D, 2002, 65, .	1.6	79
75	Search for a non-minimal Higgs boson produced in the reaction \hat{p}^+ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 312-325.	1.5	78
76	QCD studies with e^+e^- annihilation data at 130 and 136 GeV. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 191-206.	1.5	78
77	Search for physics beyond the standard model in dilepton mass spectra in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	78
78	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 75.	1.4	78
79	A search for new quarks and leptons from Z0 decay at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 511-522.	1.5	77
80	Studies of azimuthal dihadron correlations in ultra-central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	77
81	High-Precision Measurement of the Left-Right ZBoson Cross-Section Asymmetry. Physical Review Letters, 2000, 84, 5945-5949.	2.9	75
82	Study of exclusive two-photon production of $W+W^*$ in pp collisions at $\sqrt{s} = 7$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	75
83	Studies of dijet transverse momentum balance and pseudorapidity distributions in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2014, 74, 1.	1.4	75
84	Search for the neutral Higgs Boson from Z0 decay in the Higgs mass range between 11 and 24 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 141-149.	1.5	74
85	Measurement of the $\sigma(\text{W}^+\text{W}^-)$ cross section in pp collisions at $\sqrt{s} = 8$ TeV and limits on anomalous gauge couplings. European Physical Journal C, 2016, 76, 401.	1.4	74
86	Searches for the standard Higgs boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 246, 306-314.	1.5	73
87	Measurement of the X(3872) production cross section via decays to $J/\psi + \bar{\psi}\psi$ in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	73
88	Search for a standard model Higgs boson produced in association with a top-quark pair and decaying to bottom quarks using a matrix element method. European Physical Journal C, 2015, 75, 251.	1.4	73
89	Measurement of the polarization of \bar{l} , leptons produced in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 265, 430-444.	1.5	72
90	Measurement of the charged particle multiplicity distribution in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 273, 181-192.	1.5	72

#	ARTICLE	IF	CITATIONS
91	Measurement of the t-channel single-top-quark production cross section and of the $ V_{tb} $ CKM matrix element in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	70
92	Theia: an advanced optical neutrino detector. European Physical Journal C, 2020, 80, 1.	1.4	70
93	Searches for physics beyond the standard model with the M_{T2} variable in hadronic final states with and without disappearing tracks in proton-proton collisions at $\sqrt{s}=13$, ext {TeV} ext {} TeV. European Physical Journal C, 2020, 80, 3.	1.4	70
94	Measurement of the $\overline{\text{t}}\text{t}$ production cross section in the dilepton channel in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	69
95	Search for massive resonances decaying into pairs of boosted bosons in semi-leptonic final states at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	69
96	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7$, TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	68
97	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. European Physical Journal C, 2013, 73, 2469.	1.4	68
98	Measurement of the differential and double-differential Drell-Yan cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	68
99	Measurement of the inclusive 3-jet production differential cross section in proton-proton collisions at 7 TeV and determination of the strong coupling constant in the TeV range. European Physical Journal C, 2015, 75, 186.	1.4	68
100	Measurement of the $\overline{\text{t}}\text{t}$ production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. European Physical Journal C, 2019, 79, 368.	1.4	68
101	Long-range and short-range dihadron angular correlations in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	65
102	Measurement of differential cross sections for the production of a pair of isolated photons in pp collisions at $\sqrt{s}=7$, ext {TeV} TeV. European Physical Journal C, 2014, 74, 3129.	1.4	65
103	Search for neutral Higgs bosons from supersymmetry in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 237, 291-302.	1.5	64
104	Measurement of the sum of WW and WZ production with W+dijet events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2283.	1.4	64
105	Search for new physics in same-sign dilepton events in proton-proton collisions at $\sqrt{s} = 13$, ext {TeV} TeV. European Physical Journal C, 2016, 76, 439.	1.4	64
106	Properties of hadronic events in e^+e^- annihilation at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 209-218.	1.5	63
107	Measurement of the $W+W\gamma$ cross section in pp collisions at $\sqrt{s} = 7$ TeV and limits on anomalous $WW\gamma^3$ and WWZ couplings. European Physical Journal C, 2013, 73, 1.	1.4	62
108	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at $\sqrt{s}=8$, ext {TeV} TeV. European Physical Journal C, 2016, 76, 13.	1.4	62

#	ARTICLE	IF	CITATIONS
109	Measurement of the inelastic proton-proton cross section at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	62
110	Measurement of the strong coupling constant using J/ψ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 209-220.	1.5	61
111	Measurement of prompt J/ψ pair production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	61
112	Search for the Standard Model Higgs boson in $e+e^{-}$ collisions at $\sqrt{s} = 209$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 38-52.	1.5	60
113	Measurement of the ratio of the inclusive 3-jet cross section to the inclusive 2-jet cross section in pp collisions at $\sqrt{s} = 7$ TeV and first determination of the strong coupling constant in the TeV range. European Physical Journal C, 2013, 73, 1.	1.4	60
114	Precise Measurement of the b-Quark Fragmentation Function in Z Boson Decays. Physical Review Letters, 2000, 84, 4300-4304.	2.9	59
115	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
116	Search for anomalous $\overline{t}t$ production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
117	Jet production rates in association with W and Z bosons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
118	Studies of jet mass in dijet and W/Z + jet events. Journal of High Energy Physics, 2013, 2013, 1.	1.6	58
119	Nuclear effects on the transverse momentum spectra of charged particles in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2015, 75, 237.	1.4	58
120	Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2018, 78, 701.	1.4	58
121			

#	ARTICLE	IF	CITATIONS
127	Event activity dependence of Υ (nS) production in $\sqrt{s_{NN}} = 5.02$ TeV pPb and $\sqrt{s} = 2.76$ TeV pp collisions. Journal of High Energy Physics, 2014, 2014, 1.	1.6	56
128	Search for doubly charged Higgs bosons with the OPAL detector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 221-232.	1.5	55
129	Measurement of masses in the $\overline{t}t$ system by kinematic endpoints in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2494.	1.4	55
130	Measurement of associated W + charm production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	55
131	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2016, 76, 451.	1.4	55
132	Measurement of Γ_{\pm} in hadronic Z decays using all-orders resummed predictions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 284, 163-176.	1.5	54
133	Search for the standard model Higgs boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 299-311.	1.5	54
134	Search for single top quark production at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 521, 181-194.	1.5	54
135	Search for stable and long-lived massive charged particles in e^+e^- collisions at $\sqrt{s}=130$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 572, 8-20.	1.5	54
136	Constraints on parton distribution functions and extraction of the strong coupling constant from the inclusive jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 288.	1.4	54
137	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at $s = 8$ TeV and cross section ratios to 2.76 and 7 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	54
138	Measurement of the Υ production cross section and the top quark mass in the dilepton channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	53
139	New Method for a Continuous Determination of the Spin Tune in Storage Rings and Implications for Precision Experiments. Physical Review Letters, 2015, 115, 094801.	2.9	53
140	Measurement of prompt and nonprompt J/ψ production in $p\bar{p}$ and p Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2017, 77, 269.	1.4	53
141	Measurement of the $\overline{t}t$ production cross section in the dilepton channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
142	Measurement of double-differential cross sections for top quark pair production in pp collisions at $\sqrt{s} = 8$ TeV and impact on parton distribution functions. European Physical Journal C, 2017, 77, 459.	1.4	52
143	Measurements of the $p \rightarrow Z$ production cross section and the $Z \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at. European Physical Journal C, 2018, 78, 165.	1.4	52
144	Search for exclusive or semi-exclusive Υ production and observation of exclusive and semi-exclusive e^+e^- production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	51

#	ARTICLE	IF	CITATIONS
145	Search for the associated production of the Higgs boson with a top-quark pair. Journal of High Energy Physics, 2014, 2014, 1.	1.6	51
146	Production of $\tau^+\tau^-$, K^+K^- , p , and \bar{p} in light (uds) , c , and b jets from Z decays. Physical Review D, 2004, 69, .	1.6	50
147	Observation of Polarized Positrons from an Undulator-Based Source. Physical Review Letters, 2008, 100, 210801.	2.9	50
148	First measurement of the underlying event activity at the LHC with $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2010, 70, 555-572.	1.4	50
149	Study of the underlying event at forward rapidity in pp collisions at $\sqrt{s}=0.9, 2.76, \text{and } 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
150	Search for new physics with jets and missing transverse momentum in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	49
151	Search for leptonic decays of $W^{\pm 2}$ bosons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	49
152	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at $\sqrt{s} = 8$ TeV by the CMS and TOTEM experiments. European Physical Journal C, 2014, 74, 1.	1.4	49
153	Search for new physics in events with same-sign dileptons and jets in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	48
154	Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 364.	1.4	48
155	Measurement of the cross section and angular correlations for associated production of a Z boson with b hadrons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	47
156	Search for neutralino production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 541-550.	1.5	46
157	Search for new physics with same-sign isolated dilepton events with jets and missing transverse energy at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	1.6	46
158	Search for narrow resonances and quantum black holes in inclusive and b-tagged dijet mass spectra from pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	46
159	Search for disappearing tracks in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	46
160	Search for third-generation scalar leptoquarks decaying to a top quark and a τ , lepton at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 707.	1.4	46
161	Search for heavy bottom-like quarks in 4.9 fb^{-1} of pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	45
162	Search for microscopic black holes in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	44

#	ARTICLE	IF	CITATIONS
163	Search for decays of stopped long-lived particles produced in proton-proton collisions at $\sqrt{s} = 8, \text{ext } \{\text{TeV}\}$ $s = 8 \text{ TeV}$. European Physical Journal C, 2015, 75, 151.	1.4	44
164	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at $\sqrt{s} = 13, \text{ext } \{\text{TeV}\}$ $s = 13 \text{ TeV}$. European Physical Journal C, 2018, 78, 140.	1.4	44
165	An investigation of B_d^0 and B_s^0 oscillation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 322, 441-458.	1.5	43
166	Measurement of top quark-antiquark pair production in association with a W or Z boson in pp collisions at $\sqrt{s} = 8, \text{ext } \{\text{TeV}\}$ $s = 8 \text{ TeV}$. European Physical Journal C, 2014, 74, 3060.	1.4	43
167	Identification techniques for highly boosted W bosons that decay into hadrons. Journal of High Energy Physics, 2014, 2014, 1.	1.6	43
168	Constraints on the pMSSM, AMSB model and on other models from the search for long-lived charged particles in proton-proton collisions at $\sqrt{s} = 8, \text{ext } \{\text{TeV}\}$ $s = 8 \text{ TeV}$. European Physical Journal C, 2015, 75, 325.	1.4	43
169	A search for pair-produced charged Higgs bosons in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 623-634.	1.5	42
170	Measurement of the top-quark mass in $\overline{\text{t}}\text{t}$ events with dilepton final states in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	42
171	Measurement of the B^0 and B^+ meson lifetimes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 194-208.	1.5	41
172	Constraints on anomalous quartic gauge boson couplings from W^+W^-Z and W^+W^-Z events at CERN LEP2. Physical Review D, 2004, 70, .	1.6	41
173	Search for electroweak production of charginos and neutralinos using leptonic final states in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	41
174	First test of Lorentz violation with a reactor-based antineutrino experiment. Physical Review D, 2012, 86, .	1.6	41
175	The mass-hierarchy and CP-violation discovery reach of the LBNO long-baseline neutrino experiment. Journal of High Energy Physics, 2014, 2014, 1.	1.6	41
176	Measurement of the $\overline{\text{t}}\text{t}$ production cross section in the e^+e^- channel in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	41
177	Measurement of the $\overline{\text{t}}\text{t}$ production cross section in the all-jets final state in pp collisions at $\sqrt{s} = 8, \text{ext } \{\text{TeV}\}$ $s = 8 \text{ TeV}$. European Physical Journal C, 2016, 76, 128.	1.4	41
178	Search for a very light Higgs boson in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 245, 289-297.	1.5	40
179	Search for same-sign top-quark pair production at $\sqrt{s} = 7 \text{ TeV}$ and limits on flavour changing neutral currents in the top sector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	40
180	Measurement of the $\overline{\text{t}}\text{t}$ production cross section using events in the e^+e^- final state in pp collisions at $\sqrt{s} = 13, \text{ext } \{\text{TeV}\}$ $s = 13 \text{ TeV}$. European Physical Journal C, 2017, 77, 172.	1.4	40

#	ARTICLE	IF	CITATIONS
181	Search for new physics in dijet angular distributions using proton-proton collisions at $\sqrt{s}=13\text{ TeV}$ and constraints on dark matter and other models. European Physical Journal C, 2018, 78, 789.	1.4	40
182	Measurement of the top quark mass in the all-jets final state at $\sqrt{s}=13\text{ TeV}$ and combination with the lepton+jets channel. European Physical Journal C, 2019, 79, 313.	1.4	40
183	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2021, 81, 378.	1.4	40
184	Search for CP violation in $Z\mu\bar{\nu}\nu$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 459-468.	1.5	39
185	Inclusive b-jet production in pp collisions at $\sqrt{s}=7\text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
186	Measurement of the $Z\bar{\nu}\nu+b$ -jet cross section in pp collisions at $\sqrt{s}=7\text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
187	Search for the standard model Higgs boson produced in association with a top-quark pair in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	39
188	Measurement of the ZZ production cross section and search for anomalous couplings in $2\gamma, 2\gamma, \gamma\gamma$ final states in pp collisions at $\sqrt{s}=7\text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	39
189	Measurement of the production cross sections for a Z boson and one or more b jets in pp collisions at $\sqrt{s}=7\text{ TeV}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
190	Measurement of differential cross sections for Z boson production in association with jets in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2018, 78, 965.	1.4	39
191	Search for scalar top and scalar bottom quarks at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 545, 272-284.	1.5	38
192	Search for the single production of doubly-charged Higgs bosons and constraints on their couplings from Bhabha scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 577, 93-108.	1.5	38
193	Search for heavy stable charged particles in pp collisions at $\sqrt{s}=7\text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	38
194	Measurement of the top-quark mass in $t\bar{t}$ events with lepton+jets final states in pp collisions at $\sqrt{s}=7\text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	38
195	Spectroscopic study of prompt-gamma emission for range verification in proton therapy. Physica Medica, 2017, 34, 7-17.	0.4	38
196	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2017, 77, 845.	1.4	38
197	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2017, 77, 636.	1.4	38
198	Improved Direct Measurement of Leptonic Coupling Asymmetries with Polarized Z Bosons. Physical Review Letters, 2001, 86, 1162-1166.	2.9	37

#	ARTICLE	IF	CITATIONS
199	Measurement of the $\sigma(\tau\tau)$ production cross section in pp collisions at $\sqrt{s}=7$ TeV using the kinematic properties of events with leptons and jets. European Physical Journal C, 2011, 71, 1.	1.4	37
200	Searches for third-generation squark production in fully hadronic final states in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
201	Measurement of the WZ production cross section in pp collisions at $\sqrt{s} = 7$ and 8 TeV and search for anomalous triple gauge couplings at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 236.	1.4	37
202	Evidence for b baryons in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 278, 209-216.	1.5	36
203	Measurement of the Drell-Yan cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	36
204	Measurement of the top-quark mass in all-jets $\tau\tau$ events in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 2758.	1.4	35
205	Measurement of exclusive Υ photoproduction from protons in pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV. European Physical Journal C, 2019, 79, 277.	1.4	35
206	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 488.	1.4	35
207	Observation of the semileptonic decays of B^0 and B^+ hadrons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 294, 145-156.	1.5	34
208	Observation of Z decays to four leptons with the CMS detector at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	34
209	Search for microscopic black holes in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	34
210	Search for supersymmetry in final states with missing transverse energy and 0, 1, 2, or 3 b-quark jets in 7 TeV pp collisions using the variable \hat{t} . Journal of High Energy Physics, 2013, 2013, 1.	1.6	34
211	Background-independent measurement of $\sigma(\tau\tau)$. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"</small>	1.5	34
212	Searches for supersymmetry using the M T2 variable in hadronic events produced in pp collisions at 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	34
213	Measurement of $\sigma(\tau\tau)$ production with additional jet activity, including b quark jets, in the dilepton decay channel using pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 379.	1.4	34
214	Measurements of the $\sigma(\tau\tau)$ production cross section in lepton+jets final states in pp collisions at 8 TeV and ratio of 8 to 7 TeV cross sections. European Physical Journal C, 2017, 77, 15.	1.4	34
215	Measurement of the top quark mass with lepton+jets final states using pp collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 891.	1.4	34
216	Search for single production of vector-like quarks decaying to a top quark and a W boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 90.	1.4	34

#	ARTICLE	IF	CITATIONS
217	First measurement of the BS meson mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 425-436.	1.5	33
218	Measurement of the underlying event in the Drellâ€“Yan process in protonâ€“proton collisions at $\sqrt{s} = 7\text{--}m_{\text{TeV}}$. European Physical Journal C, 2012, 72, 1.	1.4	33
219	Search for new physics in events with same-sign dileptons and b jets in pp collisions at $\sqrt{s}=8\text{ TeV}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	33
220	Phase Locking the Spin Precession in a Storage Ring. Physical Review Letters, 2017, 119, 014801.	2.9	33
221	Measurement of exclusive ρ^0 photoproduction in ultraperipheral pPb collisions at $\sqrt{s_{\text{NN}}}=5.02\text{ TeV}$. European Physical Journal C, 2019, 79, 702.	1.4	33
222	Search for dark matter produced in association with a leptonically decaying Z boson in protonâ€“proton collisions at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2021, 81, 13.	1.4	33
223	Search for top squark pair production using dilepton final states in pp collision data collected at $\sqrt{s}=13\text{ TeV}$. European Physical Journal C, 2021, 81, 3.	1.4	33
224	Measurement of $t\bar{t}$ normalised multi-differential cross sections in pp collisions at $\sqrt{s}=13\text{ TeV}$, and simultaneous determination of the strong coupling strength, top quark pole mass, and parton distribution functions. European Physical Journal C, 2020, 80, 1.	1.4	33
225	Measurements of mean lifetime and branching fractions of b hadrons decaying to J/ψ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 396-408.	1.5	32
226	Measurement of $\overline{B}B$ angular correlations based on secondary vertex reconstruction at $\sqrt{s} = 7\text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	32
227	Search for supersymmetry in pp collisions at $\sqrt{s} = 7\text{ TeV}$ in events with a single lepton, jets, and missing transverse momentum. Journal of High Energy Physics, 2011, 2011, 1.	1.6	32
228	Search in leptonic channels for heavy resonances decaying to long-lived neutral particles. Journal of High Energy Physics, 2013, 2013, 1.	1.6	32
229	Jet and underlying event properties as a function of charged-particle multiplicity in protonâ€“proton collisions at $\sqrt{s} = 7\text{ TeV}$. European Physical Journal C, 2013, 73, 2674.	1.4	32
230	Measurements of the $Z \rightarrow \nu\bar{\nu}$ production cross sections in the 2μ channel in protonâ€“proton collisions at $\sqrt{s} = 7\text{ TeV}$ and $\sqrt{s} = 8\text{ TeV}$. European Physical Journal C, 2015, 75, 511.	1.4	32
231	Searches for pair production of third-generation squarks in $\sqrt{s}=13\text{ TeV}$ pp collisions. European Physical Journal C, 2017, 77, 327.	1.4	32
232	Search for excited leptons in Z^0 decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 501-510.	1.5	31
233	Measurement of the production rates of $\hat{1}$ and $\hat{1}^2$ in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 292, 210-220.	1.5	31
234	Evidence for the triple-gluon vertex from measurements of the QCD colour factors in Z decay into four jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 284, 151-162.	1.5	31

#	ARTICLE	IF	CITATIONS
235	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	31
236	Measurement of the triple-differential cross section for photon + jets production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	31
237	Measurement of electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2015, 75, 66.	1.4	31
238	Search for top squark pair production in pp collisions at $s = 13$ TeV using single lepton events. Journal of High Energy Physics, 2017, 2017, 1.	1.6	31
239	A multi-dimensional search for new heavy resonances decaying to boosted W , Z , or Z boson pairs in the dijet final state at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 237.	1.4	31
240	Determination of \hat{S} using OPAL hadronic event shapes at $\sqrt{s} = 91$ GeV and resummed NNLO calculations. European Physical Journal C, 2011, 71, 1.	1.4	30
241	Measurement of Bose-Einstein correlations in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	30
242	Search for new physics in events with same-sign dileptons and b-tagged jets in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	30
243	Search for a Higgs boson in the decay channel $H \rightarrow ZZ^* \rightarrow q\bar{q}$ in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	30
244	Measurement of the W-boson helicity in top-quark decays from t production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
245	Search for massive WH resonances decaying into the $u\bar{b}$ final state at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 237.	1.4	30
246	Measurements of the associated production of a Z boson and b jets in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2017, 77, 751.	1.4	30
247	Spin tune mapping as a novel tool to probe the spin dynamics in storage rings. Physical Review Accelerators and Beams, 2017, 20, .	0.6	30
248	A measurement of the b baryon lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 449-458.	1.5	29
249	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. Journal of High Energy Physics, 2011, 2011, 1.	1.6	29
250	Measurement of inclusive jet production and nuclear modifications in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV. European Physical Journal C, 2016, 76, 372.	1.4	29
251	A search for new phenomena in pp collisions at $\sqrt{s} = 13$ TeV in final states with missing transverse momentum and at least one jet using the α_T variable. European Physical Journal C, 2017, 77, 294.	1.4	29
252	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $s = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	29

#	ARTICLE	IF	CITATIONS
253	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s}=13$ Te. European Physical Journal C, 2019, 79, 280.	1.4	29
254	Measurements of differential Z boson production cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	28
255	Measurement of mixing at the Z using a jet-charge method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 284, 177-190.	1.5	27
256	Measurement of the ratio using event shape variables. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 549-563.	1.5	27
257	Correlation measurements in $Z \rightarrow \bar{l}l, \bar{l}l, \bar{l}l'$ and the $\bar{l}l'$ neutrino helicity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 321, 168-176.	1.5	27
258	Test of non-commutative QED in the process $e+e \rightarrow \gamma^* \gamma^* \gamma^* \gamma^*$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 568, 181-190.	1.5	27
259	Study of Z production in PbPb and pp collisions at $\sqrt{s_{\mathrm{NN}}}=2.76$ TeV in the dimuon and dielectron decay channels. Journal of High Energy Physics, 2015, 2015, 1.	1.6	27
260	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2018, 78, 291.	1.4	27
261	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of Instrumentation, 2020, 15, P02027-P02027.	0.5	27
262	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
263	Updated measurement of the average b hadron lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 174-186.	1.5	26
264	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
265	Search for resonant $\overline{\mathrm{t}}\mathrm{t}$ production in lepton+jets events in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
266	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	26
267	Search for the standard model Higgs boson in the $H \rightarrow Z\gamma^* \rightarrow Z\gamma^* \gamma^* \gamma^*$ channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
268	Measurement of the production cross section for pairs of isolated photons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
269	Search for $W \rightarrow tb$ decays in the lepton + jets final state in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
270	Measurement of the W boson helicity in events with a single reconstructed top quark in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	26

#	ARTICLE	IF	CITATIONS
271	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2016, 76, 1 Search for Dirac magnetic monopoles in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a} \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ collisions with the OPAL detector at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	1.4	26
272	Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9$ TeV and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.5	25
273	Measurement of energy flow at large pseudorapidities in pp collisions at $\sqrt{s} = 0.9$ TeV and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	25
274	High intensity neutrino oscillation facilities in Europe. Physical Review Special Topics: Accelerators and Beams, 2013, 16, .	1.8	25
275	Forward-backward asymmetry of dilepton pairs in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 325.	1.4	25
276	Search for high-mass resonances in final states with a lepton and missing transverse momentum at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	25
277	The CMS Phase-1 pixel detector upgrade. Journal of Instrumentation, 2021, 16, P02027-P02027.	0.5	25
278	Search for excited neutrinos in Z decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 250, 172-182.	1.5	24
279	The Michel parameter $\hat{\rho}$ in \bar{l}_i decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 324, 121-124.	1.5	24
280	The production of neutral kaons in Z0 decays and their Bose-Einstein correlations. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 389-401.	1.5	24
281	Multiplicity dependence of Bose-Einstein correlations in hadronic Z0 decays. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 389-398.	1.5	24
282	Undulator-based production of polarized positrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 610, 451-487.	0.7	24
283	Measurement of the $\text{ar}\{\text{t}\}$ production cross section in the \bar{l}_i +jets channel in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 1.	1.4	24
284	Search for physics beyond the standard model in events with two leptons, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	24
285	Search for third-generation scalar leptoquarks in the $\bar{t}l_i$ channel in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	24
286	Search for vector-like T quarks decaying to top quarks and Higgs bosons in the all-hadronic channel using jet substructure. Journal of High Energy Physics, 2015, 2015, 1.	1.6	24
287	Measurements of $\text{pp} \rightarrow \text{ZZ}$ production cross sections and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 200.	1.4	24
288	First Direct Measurement of the Parity-Violating Coupling of the Z0 to the Quark. Physical Review Letters, 2000, 85, 5059-5063.	2.9	23

#	ARTICLE	IF	CITATIONS
289	Inclusive b-hadron production cross section with muons in pp collisions at $\sqrt{s} = 7; \text{TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	23
290	Measurement of WZ and ZZ production in pp collisions at $\sqrt{s} = 8, \text{TeV}$ in final states with b-tagged jets. European Physical Journal C, 2014, 74, 2973.	1.4	23
291	Measurement of the jet mass in highly boosted $\overline{t}t$ events from pp collisions at $\sqrt{s} = 8, \text{TeV}$. European Physical Journal C, 2017, 77, 467.	1.4	23
292	Measurement of the top quark mass using single top quark events in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$. European Physical Journal C, 2017, 77, 354.	1.4	23
293	Measurement of the triple-differential dijet cross section in proton-proton collisions at $\sqrt{s} = 8, \text{TeV}$ and constraints on parton distribution functions. European Physical Journal C, 2017, 77, 746.	1.4	23
294	Measurement of the branching ratio for $D \rightarrow s \tau^+ \tau^-$, $D \rightarrow s \tau^+ \tau^- \nu$, decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 516, 236-248.	1.5	22
295	Search for associated production of massive states decaying into two photons in e^+e^- annihilations at $s = 8 \text{ GeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 544, 44-56.	1.5	22
296	A study of $W+W \rightarrow \tau^3$ events at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 580, 17-36.	1.5	22
297	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
298	Search for charged Higgs bosons in e^+e^- collisions at $\sqrt{s} = 189 \text{ to } 209 \text{ GeV}$. European Physical Journal C, 2012, 72, 2076.	1.4	22
299	Search for physics beyond the standard model in events with τ , leptons, jets, and large transverse momentum imbalance in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2013, 73, 2493.	1.4	22
300	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	22
301	Search for direct pair production of supersymmetric partners to the τ lepton in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$. European Physical Journal C, 2020, 80, 189.	1.4	22
302	Measurement of differential cross sections and charge ratios for t-channel single top quark production in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$. European Physical Journal C, 2020, 80, 370.	1.4	22
303	Measurement of the tau lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 279, 411-421.	1.5	21
304	Search for particles with unexpected mass and charge in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 198-208.	1.5	21
305	Studies for a photon collider at the ILC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 564, 243-261.	0.7	21
306	Direct measurement of backgrounds using reactor-off data in Double Chooz. Physical Review D, 2013, 87, .	1.6	21

#	ARTICLE	IF	CITATIONS
307	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. Computing and Software for Big Science, 2020, 4, 10.	1.3	21
308	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	21
309	Embedded readout electronics R&D for the large PMTs in the JUNO experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 985, 164600.	0.7	21
310	Σ^+ , Σ^0 and Σ^- hyperon production in hadronic Z ⁰ decays. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 587-599.	1.5	20
311	Search for lepton flavour violation in e+e ⁻ collisions at s=189–209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 519, 23-32.	1.5	20
312	W boson polarisation at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 585, 223-236.	1.5	20
313	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
314	Search for exotic resonances decaying into WZ/ZZ in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	20
315	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum. European Physical Journal C, 2013, 73, 2404.	1.4	20
316	Measurements of the $\overline{\text{t}}\text{t}$ charge asymmetry using the dilepton decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
317	Search for the production of dark matter in association with top-quark pairs in the single-lepton final state in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	20
318	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
319	Search for rare decays of Z and Higgs bosons to J/ψ and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 94.	1.4	20
320	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
321	A measurement of the B d ⁰ oscillation frequency using leptons and D* [±] mesons. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 377-388.	1.5	19
322	Search for charged excited leptons in e+e ⁻ collisions at s=183–209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 544, 57-72.	1.5	19
323	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.5	19
324	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	19

#	ARTICLE	IF	CITATIONS
325	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into l, \bar{l} , leptons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	19
326	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 723.	1.4	19
327	Charged particle pair production associated with a lepton pair in Z decays. indication of an excess in the tau channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 263, 112-122.	1.5	18
328	Instrumentation of the very forward region of a linear collider detector. IEEE Transactions on Nuclear Science, 2004, 51, 2983-2989.	1.2	18
329	Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
330	Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 460.	1.4	18
331	Measurement of differential cross sections for inclusive isolated-photon and photon+jet production in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 20.	1.4	18
332	Measurement of the differential Drell-Yan cross section in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	18
333	MUSIC: a model-unspecific search for new physics in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 629.	1.4	18
334	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 970.	1.4	18
335	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 290.	1.4	18
336	Measurement of the hadronic photon structure function F2 at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 533, 207-222.	1.5	17
337	Search for stopped long-lived particles produced in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	17
338	Measurement of the Λ_b^0 lifetime in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	17
339	Search for standard model production of four top quarks in the lepton + jets channel in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	17
340	Probing color coherence effects in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2901.	1.4	17
341	Measurement of the ratio of the production cross sections times branching fractions of $B_c^{\pm} \rightarrow \tau^{\pm} \nu_{\tau}$ and $B_c^{\pm} \rightarrow \mu^{\pm} \nu_{\mu}$ and $B_c^{\pm} \rightarrow \tau^{\pm} \nu_{\tau}$ and $B_c^{\pm} \rightarrow \mu^{\pm} \nu_{\mu}$ in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17
342	Search for $Z^{\prime 3}$ resonances using leptonic and hadronic final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	17

#	ARTICLE	IF	CITATIONS
343	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 697.	1.4	17
344	Electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2018, 78, 1.	1.4	17
345	Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	17
346	Determination of the leptonic branching ratios of the Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 399-408.	1.5	16
347	Genuine correlations of like-sign particles in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 523, 35-52.	1.5	16
348	Measurement of the $e^+e^- \rightarrow W^+W^-$ cross section and W decay branching fractions at LEP. European Physical Journal C, 2007, 52, 767-785.	1.4	16
349	Measurement of the inclusive production cross sections for forward jets and for dijet events with one forward and one central jet in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
350	Measurement of the $\overline{\text{t}}\text{t}$ production cross section in the all-jet final state in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
351	Measurement of the hadronic activity in events with a Z and two jets and extraction of the cross section for the electroweak production of a Z with two jets in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	16
352	Measurement of jet multiplicity distributions in $\overline{\text{t}}\text{t}$ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2014, 74, 3014.	1.4	16
353	Search for lepton flavour violating decays of heavy resonances and quantum black holes to an $e\mu$ pair in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 317.	1.4	16
354	Measurement of dijet azimuthal decorrelation in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2016, 76, 536.	1.4	16
355	Measurement of the production cross section of a W boson in association with two b jets in pp collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2017, 77, 92.	1.4	16
356	Measurement of associated Z + charm production in proton-proton collisions at $\sqrt{s}=8$ TeV. European Physical Journal C, 2018, 78, 287.	1.4	16
357	Search for new physics in top quark production in dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 886.	1.4	16
358	Measurement of the b hadron lifetime with the dipole method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 314, 459-470.	1.5	15
359	Measurement of the branching ratio for the process $b \rightarrow \bar{c} l \nu_l$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 520, 1-10.	1.5	15
360	Search for leptoquarks in electron-photon scattering at see up to 209 GeV at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 233-246.	1.5	15

#	ARTICLE	IF	CITATIONS
361	Experimental studies of unbiased gluon jets from e^+e^- annihilations using the jet boost algorithm. Physical Review D, 2004, 69, .	1.6	15
362	Lepton-flavor-violating decay $\tilde{l}_i \rightarrow \tilde{l}_j \gamma$ at the CERN LHC. Physical Review D, 2008, 77, .	1.6	15
363	Search for a fermiophobic Higgs boson in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
364	Measurement of the mass difference between top and antitop quarks. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
365	Search for new physics in events with photons, jets, and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	15
366	Measurement of the $t\bar{t}\tilde{A}^0$ production cross section using events with one lepton and at least one jet in pp collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
367	The SiFi-CC project – Feasibility study of a scintillation-fiber-based Compton camera for proton therapy monitoring. Physica Medica, 2020, 76, 317-325.	0.4	15
368	A precise measurement of the \tilde{l}_i lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 432-448.	1.5	14
369	Search for third-generation leptoquarks and scalar bottom quarks in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	14
370	Measurement of the production cross section for $Z\gamma \rightarrow u\bar{u}\gamma$ in pp collisions at $\sqrt{s} = 7$ TeV and limits on $ZZ\gamma^3$ and $Z\gamma^3$ triple gauge boson couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
371	Cosmic-muon characterization and annual modulation measurement with Double Chooz detectors. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 017-017.	1.9	14
372	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
373	Studies of $B_s \rightarrow B_s \gamma$ and $B_s \rightarrow B_s \gamma \gamma$ and $B_s \rightarrow B_s \gamma \gamma \gamma$		

#	ARTICLE	IF	CITATIONS
379	Testing the Lorentz structure of the charged weak current in τ -decays. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 73-78.	1.5	13
380	Search for light resonances decaying into pairs of muons as a signal of new physics. Journal of High Energy Physics, 2011, 2011, 1.	1.6	13
381	Measurement of the underlying event activity in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the novel jet-area/median approach. Journal of High Energy Physics, 2012, 2012, 1.	1.6	13
382	Search for heavy quarks decaying into a top quark and a W or Z boson using lepton + jets events in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
383	Afterpulse measurements of R7081 photomultipliers for the Double Chooz experiment. Journal of Instrumentation, 2013, 8, P04029-P04029.	0.5	13
384	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
385	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
386	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	13
387	Improved Direct Measurement of α_s at the Z Pole Using a Lepton Tag. Physical Review Letters, 2002, 88, 151801.	2.9	12
388	Measurement of the charm structure function F_2, c^3 of the photon at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 539, 13-24.	1.5	12
389	Measurement of the strong coupling α_s from four-jet observables in e^+e^- annihilation. European Physical Journal C, 2006, 47, 295.	1.4	12
390	Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
391	Search for dark matter produced in association with a Higgs boson decaying to $\tilde{\chi}_1^0$ or $\tilde{\chi}_1^\pm$ at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
392	Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 1.	1.4	12
393	Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
394	Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 893.	1.4	12
395	Development and validation of HERWIG tunes from CMS underlying-event measurements. European Physical Journal C, 2021, 81, 312.	1.4	12
396	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	12

#	ARTICLE	IF	CITATIONS
397	Direct Measurement of Parity Violation in the Coupling of Z0 Bosons to Quarks Using a Mass Tag and Momentum-Weighted Track Charge. Physical Review Letters, 1998, 81, 942-946.	2.9	11
398	Improved test of the flavor independence of strong interactions. Physical Review D, 1998, 59, .	1.6	11
399	Direct Measurement of A_{FB}^{ℓ} at the Z0 Pole Using a Lepton Tag. Physical Review Letters, 1999, 83, 3384-3389.	2.9	11
400	Measurement of the b quark forward-backward asymmetry around the Z0 peak using an inclusive tag. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 546, 29-47.	1.5	11
401	A measurement of the $\Gamma_{\text{had}}/\Gamma_{\text{had}}^{\text{had}}/\Gamma_{\text{had}}^{\text{had}}$ branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 551, 35-48.	1.5	11
402	Bose-Einstein study of position-momentum correlations of charged pions in hadronic Z0 decays. European Physical Journal C, 2007, 52, 787.	1.4	11
403	Measurement of $\hat{\Gamma}_s$ with radiative hadronic events. European Physical Journal C, 2008, 53, 21.	1.4	11
404	Search for new physics with long-lived particles decaying to photons and missing energy in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
405	Forward energy flow, central charged-particle multiplicities, and pseudorapidity gaps in W and Z boson events from pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	11
406	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow \ell\ell\ell\ell$ decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
407	Measurement of the Z^0 production cross section in pp collisions at 8 TeV and search for anomalous triple gauge boson couplings. Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
408	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
409	Measurement of electroweak production of a W boson in association with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 43.	1.4	11
410	Prompt-gamma emission in GEANT4 revisited and confronted with experiment. Physica Medica, 2021, 88, 250-261.	0.4	11
411	Bose-Einstein correlations of π^0 pairs from hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 559, 131-143.	1.5	10
412	Flavour independent search for Higgs bosons decaying into hadronic final states in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.5	10
413	Determination of the LEP beam energy using radiative fermion-pair events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 604, 31-47.	1.5	10
414	Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	10

#	ARTICLE	IF	CITATIONS
415	Measurement of the underlying event activity using charged-particle jets in proton-proton collisions at $s = 2.76 \sqrt{s} = 2.76 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	10
416	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. European Physical Journal C, 2018, 78, 242.	1.4	10
417	Measurement of the $\sigma(\text{Z}/\gamma \rightarrow \text{u}\bar{\text{u}}) / \sigma(\text{Z}/\gamma \rightarrow \text{c}\bar{\text{c}})$ cross section in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ and validation of $\sigma(\text{Z}/\gamma \rightarrow \text{q}\bar{\text{q}})$. European Physical Journal C, 2018, 78, 708.	1.4	10
418	Search for a heavy resonance decaying into a Z boson and a vector boson in the $\text{u}\bar{\text{u}} \rightarrow \text{q}\bar{\text{q}} + \text{Z} + \text{V}$ final state. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
419	Evidence for $\text{W}^+ \text{W}^-$ production from double-parton interactions in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2020, 80, 1.	1.4	10
420	Improved measurement of the probability for gluon splitting into in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 507, 61-69.	1.5	9
421	Measurement of heavy quark forward-backward asymmetries and average B mixing using leptons in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 577, 18-36.	1.5	9
422	Search for time-dependent $\text{B}_s^0 \rightarrow \text{B}_s^0$ oscillations using a vertex charge dipole technique. Physical Review D, 2003, 67, .	1.6	9
423	Precision muon reconstruction in Double Chooz. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 330-339.	0.7	9
424	Yields and production rates of cosmogenic ^9Li and ^8He measured with the Double Chooz near and far detectors. Journal of High Energy Physics, 2018, 2018, 1.	1.6	9
425	Ion charge separation with new generation of nuclear emulsion films. Open Physics, 2019, 17, 233-240.	0.8	9
426	Search for a heavy vector resonance decaying to a $\text{Z} \rightarrow \text{b}\bar{\text{b}}$ boson and a Higgs boson in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. European Physical Journal C, 2021, 81, 688.	1.4	9
427	Search for decays of the Z0 into a photon and a pseudoscalar meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 635-643.	1.5	8
428	A precise measurement of the tau polarization and its forward-backward asymmetry at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 365-375.	1.5	8
429	A measurement of the charm and bottom forward-backward asymmetries using D mesons at LEP. Zeitschrift für Physik C-Particles and Fields, 1997, 73, 379-395.	1.5	8
430	Direct Measurement of $\text{B}_{\text{in}} \text{Z}^0$ Decays Using Charged Kaon Tagging. Physical Review Letters, 1999, 83, 1902-1907.	2.9	8
431	Charged particle multiplicities in heavy and light quark initiated events above the Z0 peak. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 550, 33-46.	1.5	8
432	CP-violation in the production of $\text{e}^+ \text{e}^-$ leptons at TESLA with beam polarization. European Physical Journal C, 2003, 27, 33-41.	1.4	8

#	ARTICLE	IF	CITATIONS
433	Inclusive production of charged hadrons in photon-photon collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 651, 92-101.	1.5	8
434	The CMS tracker operation and performance at the Magnet Test and Cosmic Challenge. Journal of Instrumentation, 2008, 3, P07006-P07006.	0.5	8
435	Ortho-positronium observation in the Double Chooz experiment. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
436	Trapping in proton irradiated p+n+n+silicon sensors at fluences anticipated at the HL-LHC outer tracker. Journal of Instrumentation, 2016, 11, P04023-P04023.	0.5	8
437	Muon capture on light isotopes measured with the Double Chooz detector. Physical Review C, 2016, 93, .	1.1	8
438	Search for a heavy resonance decaying into a Z boson and a Z or W boson in 2q final states at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
439	Development and characterization of a π^0 -E-TOF detector prototype for the FOOT experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 916, 116-124.	0.7	8
440	Search for high mass photon pairs in $(f = e, \mu, \tau, \nu, q)$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 308, 425-434.	1.5	7
441	Michel parameters averages and interpretation. Nuclear Physics, Section B, Proceedings Supplements, 1999, 76, 173-181.	0.5	7
442	Measurement of A_C with charmed mesons at the SLAC Large Detector. Physical Review D, 2001, 63, .	1.6	7
443	Alignment of the CMS silicon strip tracker during stand-alone commissioning. Journal of Instrumentation, 2009, 4, T07001-T07001.	0.5	7
444	Search for the standard model Higgs boson produced in association with W and Z bosons in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	7
445	The trigger and timing system of the Double Chooz experiment. Journal of Instrumentation, 2013, 8, T01003-T01003.	0.5	7
446	Design of a neutrino source based on beta beams. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	7
447	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	7
448	Study of central exclusive "Equation missing" production in proton-proton collisions at $\sqrt{s} = 5.02$ and 13 TeV. European Physical Journal C, 2020, 80, 718.	1.4	7
449	Search for a very light CP-odd neutral Higgs boson of the MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 285, 309-318.	1.5	6
450	Search for charmless hadronic decays of B mesons with the SLAC SLD detector. Physical Review D, 2000, 62, .	1.6	6

#	ARTICLE	IF	CITATIONS
451	Search for time-dependent $B_s^0 \leftrightarrow B_s^0$ oscillations using exclusively reconstructed D_s^{\pm} mesons. Physical Review D, 2002, 66, .	1.6	6
452	Measurement of neutral-current four-fermion production at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 544, 259-273.	1.5	6
453	QCD coherence and correlations of particles with restricted momenta in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 30-38.	1.5	6
454	Inclusive jet production in photon+e ⁻ photon collisions at $\sqrt{s} = 1.8$ TeV. Journal of High Energy Physics, 2006, 2006, 1. overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/section-break/dtd" style="font-size: 10pt; font-family: sans-serif; color: #000000; text-align: left;">Measurement of the cross section for production of $b\bar{b}$ decaying to muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.5	6
455	Measurement of the cross section for production of $b\bar{b}$ decaying to muons in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	6
456	Comparison of the $Z/\gamma^* \rightarrow \mu^+\mu^- + \text{jets}$ to $\gamma^* \rightarrow \mu^+\mu^- + \text{jets}$ cross sections in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
457	Distributions of topological observables in inclusive three- and four-jet events in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2015, 75, 302.	1.4	6
458	Characterization of the spontaneous light emission of the PMTs used in the Double Chooz experiment. Journal of Instrumentation, 2016, 11, P08001-P08001.	0.5	6
459	Muon reconstruction with a geometrical model in JUNO. Journal of Instrumentation, 2018, 13, T03003-T03003.	0.5	6
460	Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in pp collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2019, 79, 969.	1.4	6
461	Charge identification of fragments with the emulsion spectrometer of the FOOT experiment. Open Physics, 2021, 19, 383-394.	0.8	6
462	Search for the associated production of the Higgs boson with a top-quark pair. , 2014, 2014, 1.		6
463	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
464	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
465	Search for invisibly decaying Higgs bosons with large decay width using the OPAL detector at LEP. European Physical Journal C, 2007, 49, 457-472.	1.4	5
466	Performance studies of the CMS Strip Tracker before installation. Journal of Instrumentation, 2009, 4, P06009-P06009.	0.5	5
467	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
468	Search for the pair production of light top squarks in the $e^+e^- \rightarrow t\bar{t}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5

#	ARTICLE	IF	CITATIONS
469	Measurement of ^{12}C Fragmentation Cross Sections on C, O, and H in the Energy Range of Interest for Particle Therapy Applications. IEEE Transactions on Radiation and Plasma Medical Sciences, 2020, 4, 269-282.	2.7	5
470	Search for signatures of sterile neutrinos with Double Chooz. European Physical Journal C, 2021, 81, 1.	1.4	5
471	Measurement of energy flow at large pseudorapidities in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. , 2011, 2011, 1.		5
472	Measurement of single-diffractive dijet production in proton-proton collisions at $\sqrt{s} = 8$, ext {TeV} ext {V} with the CMS and TOTEM experiments. European Physical Journal C, 2020, 80, 1164.	1.4	5
473	Phase measurement for driven spin oscillations in a storage ring. Physical Review Accelerators and Beams, 2018, 21, .	0.6	5
474	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
475	Search for long-lived particles decaying into muon pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV collected with a dedicated high-rate data stream. Journal of High Energy Physics, 2022, 2022, .	1.6	5
476	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
477	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	5
478	Direct Measurements of AbandAcUsing Vertex and Kaon Charge Tags at the SLAC Detector. Physical Review Letters, 2005, 94, 091801.	2.9	4
479	Search for pair production of excited top quarks in the lepton + jets final state. Journal of High Energy Physics, 2014, 2014, 1.	1.6	4
480	Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at $\sqrt{s} = 13$, ext {TeV} s = 13 TeV. European Physical Journal C, 2019, 79, 305.	1.4	4
481	Charge identification of nuclear fragments with the FOOT Time-Of-Flight system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1001, 165206.	0.7	4
482	Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	4
483	Upper limit on the \tilde{t}_1 , mass from $\tilde{t}_1 \rightarrow 3\tilde{t}_1$ decays. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 231s238.		3
484	First Symmetry Tests in Polarized Z0 Decays to $b\bar{b}$. Physical Review Letters, 2001, 86, 962-966.	2.9	3
485	Improved Direct Measurement of the Parity-Violation Parameter A_8 Using a Mass Tag and Momentum-Weighted Track Charge. Physical Review Letters, 2003, 90, 141804.	2.9	3
486	Multi-photon events with large missing energy in $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://. Physics Letters, Sect$	1.5	3

#	ARTICLE	IF	CITATIONS
487	Λ^0 -antihyperon correlations in Z0 decay and investigation of the baryon production mechanism. European Physical Journal C, 2009, 64, 609-625.	1.4	3
488	Study of hadronic event-shape variables in multijet final states in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	3
489	Upgrade of the CMS Global Muon Trigger. IEEE Transactions on Nuclear Science, 2015, 62, 1104-1109.	1.2	3
490	Calibration of the CMS hadron calorimeters using proton-proton collision data at $\sqrt{s} = 13$ TeV. Journal of Instrumentation, 2020, 15, P05002-P05002.	0.5	3
491	Measurements of the $(p \rightarrow p) \rightarrow Z$ production cross section and the $(Z \rightarrow 4\ell)$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$ TeV. , 2018, 78, 1.		3
492	The BaBar electromagnetic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 409, 615-617.	0.7	2
493	Search for radions at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 609, 20-34.	1.5	2
494	Measurements of $\langle \sin^2 \theta_W \rangle$. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x</small>	1.5	2
495	TAU PHYSICS NEAR THRESHOLD. International Journal of Modern Physics A, 2006, 21, 5667-5674.	0.5	2
496	Search for new phenomena with multiple charged leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 1.	1.4	2
497	Measurements of angular distance and momentum ratio distributions in three-jet and Z + two-jet final states in pp collisions. European Physical Journal C, 2021, 81, 852.	1.4	2
498	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
499	Measurement of the inclusive $t\bar{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
500	Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	2
501	Absolute doubly differential cross section for K-shell ionisation of silver for 500 keV electron impact. Journal of Physics B: Atomic, Molecular and Optical Physics, 1989, 22, 3747-3753.	0.6	1
502	Study of the structure of $e^+e^- \rightarrow t\bar{t}b\bar{b}$ events and first limits on the anomalous chromomagnetic coupling of the b quark. Physical Review D, 1999, 60, .	1.6	1
503	Angular analysis of the muon pair asymmetry at LEP 1. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 516, 1-20.	1.5	1
504	Measurement of the partial widths of the Z into up- and down-type quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 586, 167-182.	1.5	1

#	ARTICLE	IF	CITATIONS
505	Lepton-Flavour-Violating Tau-Decays in a Beam-Dump Experiment. Nuclear Physics, Section B, Proceedings Supplements, 2009, 189, 146-147.	0.5	1
506	Search for neutral color-octet weak-triplet scalar particles in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	1
507	Enhancing the understanding of fragmentation processes in hadrontherapy and radioprotection in space with the FOOT experiment. Physica Scripta, 2021, 96, 114013.	1.2	1
508	Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	1.6	1
509	Observation of $B^0 \rightarrow \psi(2S) K^0_{\text{S}} \mu^+ \mu^-$ and $B^0_{\text{S}} \rightarrow \psi(2S) K^0_{\text{S}} \mu^+ \mu^-$ decays. European Physical Journal C, 2022, 82, .	1.4	1
510	Improved study of the structure of $e^+e^- \rightarrow b\bar{b}$ events and limits on the anomalous chromomagnetic coupling of the b quark. Physical Review D, 2002, 66, .	1.6	0
511	First measurement of the double-inclusive B/B hadron energy distribution in e^+e^- annihilations, and of angle-dependent moments of the B and \bar{B} energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 578, 45-53.	1.5	0
512	Lepton Flavour Violation in the Neutrinoless $\tilde{\tau}$, Decay with the CMS Experiment. Nuclear Physics, Section B, Proceedings Supplements, 2009, 189, 317-323.	0.5	0
513	A new concept to search for lepton-flavour-violating tau-decays in a beam-dump experiment. Journal of Instrumentation, 2011, 6, P05001-P05001.	0.5	0
514	Gamma Emission in Hadron Therapy --- Experimental Approach. Acta Physica Polonica B, 2015, 46, 753.	0.3	0
515	Neutrino Flavor Sensitivity of Large Liquid Scintillator Detectors. Physics Procedia, 2015, 61, 488-494.	1.2	0
516	P04.89 Investigation of the interaction of simultaneously applied photon irradiation and Tumor Treating Fields using a Geant4 simulation. Neuro-Oncology, 2018, 20, iii301-iii301.	0.6	0
517	Electrostatic deflector studies using small-scale prototype electrodes. Review of Scientific Instruments, 2019, 90, 045124.	0.6	0