

Alan Sill

List of Publications by Year in descending order

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454
papers

35,510
citations

5876

81
h-index

4323

173
g-index

454
all docs

454
docs citations

454
times ranked

12091
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 30-61.	1.5	6,177
2	The CMS experiment at the CERN LHC. Journal of Instrumentation, 2008, 3, S08004-S08004.	0.5	2,192
3	Observation of Top Quark Production in $p\bar{p}$ Collisions with the Collider Detector at Fermilab. Physical Review Letters, 1995, 74, 2626-2631.	2.9	1,240
4	CMS Physics Technical Design Report, Volume II: Physics Performance. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 995-1579.	1.4	683
5	Measurement of the J/ψ meson and b -hadron production cross sections in $pp\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	624
6	Observation of the Narrow State $X(3872)$ in $J/\psi + \bar{\psi}\psi$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 072001.	2.9	531
7	Determination of jet energy calibration and transverse momentum resolution in CMS. Journal of Instrumentation, 2011, 6, P11002-P11002.	0.5	508
8	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
9	Combined results of searches for the standard model Higgs boson in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 26-48.	1.1	455
10	Performance of CMS muon reconstruction in pp collision events at $\sqrt{s}=7$ TeV. Journal of Instrumentation, 2012, 7, P10002-P10002.	0.5	467
11	Observation and studies of jet quenching in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physical Review C, 2011, 84, .	1.1	455
12	Measurements of the A Dependence of Deep-Inelastic Electron Scattering from Nuclei. Physical Review Letters, 1984, 52, 727-730.	2.9	400
13	Evidence for top quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1994, 50, 2966-3026.	1.6	400
14	Transverse-Momentum and Pseudorapidity Distributions of Charged Hadrons in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2010, 105, 022002.	2.9	400
15	Study of high- p_T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	369
16	J/ψ and $\psi(2S)$ Production in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 79, 572-577.	2.9	305
17	Observation of the B_c Meson in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 81, 2432-2437.	2.9	285
18	Measurement of the A dependence of deep-inelastic electron scattering. Physical Review D, 1994, 49, 4348-4372.	1.6	263

#	ARTICLE	IF	CITATIONS
19	Double parton scattering in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1997, 56, 3811-3832.	1.6	246
20	CDF Run II silicon tracking projects. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 447, 1-8.	0.7	243
21	Production of J/ψ Mesons from ψ' Meson Decays in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1997, 79, 578-583.	2.9	234
22	Measurement of the ψ' production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96\text{TeV}$ using lepton+jets events with secondary vertex b-tagging. Physical Review D, 2005, 71, .	1.6	231
23	Search for Supersymmetry at the LHC in Events with Jets and Missing Transverse Energy. Physical Review Letters, 2011, 107, 221804.	2.9	208
24	Inclusive Jet Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1996, 77, 438-443.	2.9	201
25	Suppression of non-prompt J/ψ , prompt J/ψ , and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	200
26	Measurement of J/ψ and $\Upsilon(2S)$ Polarization in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 85, 2886-2891.	2.9	196
27	Blockchain Standards for Compliance and Trust. IEEE Cloud Computing, 2017, 4, 84-90.	5.3	190
28	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. European Physical Journal C, 2012, 72, 1.	1.4	181
29	Measurement of the antiproton-proton total cross section at $\sqrt{s}=546$ and 1800GeV . Physical Review D, 1994, 50, 5550-5561.	1.6	178
30	Search for supersymmetry in pp collisions at 7 TeV in events with jets and missing transverse energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 196-218.	1.5	171
31	Study of four-jet events and evidence for double parton interactions in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1993, 47, 4857-4871.	1.6	169
32	Measurement of the inclusive W and Z production cross sections in pp collisions at $\sqrt{s}=7\text{TeV}$ with the CMS experiment. Journal of High Energy Physics, 2011, 2011, 1.	1.6	158
33	Indications of Suppression of Excited ψ' States in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. Physical Review Letters, 2011, 107, 052302.	2.9	153
34	Measurement of Prompt Charm Meson Production Cross Sections in $p\bar{p}$ Collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2003, 91, 241804.	2.9	149
35	Search for the standard model Higgs boson decaying into two photons in pp collisions at $\sqrt{s}=7\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 403-425.	1.5	148
36	Search for New Gauge Bosons Decaying into Dileptons in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1997, 79, 2192-2197.	2.9	147

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37	Charged jet evolution and the underlying event in proton-antiproton collisions at 1.8 TeV. Physical Review D, 2002, 65, .	1.6	142
38	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
39	\bar{t} Production and Polarization in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2002, 88, 161802.	2.9	135
40	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
41	Measurement of Elastic Electron Scattering from the Proton at High Momentum Transfer. Physical Review Letters, 1986, 57, 174-177.	2.9	133
42	Transverse Momentum and Total Cross Section of e^+e^- Pairs in the Z-Boson Region from pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 84, 845-850.	2.9	131
43	Measurements of elastic electron-proton scattering at large momentum transfer. Physical Review D, 1993, 48, 29-55.	1.6	127
44	Search for Flavor-Changing Neutral Current Decays of the Top Quark in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 80, 2525-2530.	2.9	127
45	Search for Dijet Resonances in $7\sqrt{s}$ Collisions at CMS. Physical Review Letters, 2010, 105, 211801.	2.9	126
46	Measurement of the Inclusive Jet Cross Section in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2011, 107, 132001.	2.9	125
47	Top quark mass measurement using the template method in the e^+e^- channel at CDF II. Physical Review D, 2006, 73, .	1.6	124
48	Measurement of the B Meson Differential Cross Section $d\Gamma/dp_T$ in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1995, 75, 1451-1455.	2.9	123
49	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
50	Measurement of isolated photon production in pp and PbPb collisions at $\sqrt{s}=1.8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 256-277.	1.5	122
51	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow J/\psi \pi^+ \pi^-$ Decays. Physical Review Letters, 2006, 96, 102002.	2.9	121
52	CMS tracking performance results from early LHC operation. European Physical Journal C, 2010, 70, 1165-1192.	1.4	120
53	Search for neutral Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s}=1.8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 68-90.	1.5	120
54	Diffraction Dijets with a Leading Antiproton in p - \bar{p} Collisions at $\sqrt{s}=1800$ GeV. Physical Review Letters, 2000, 84, 5043-5048.	2.9	119

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55	Search for resonances in the dijet mass spectrum from 7 TeV pp collisions at CMS. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 704, 123-142.	1.5	118
56	Measurement of Double Parton Scattering in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1997, 79, 584-589.	2.9	114
57	Production of $f(1S)$ Mesons from b Decays in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 2094-2099.	2.9	111
58	First Measurements of Inclusive W and Z Cross Sections from Run II of the Fermilab Tevatron Collider. Physical Review Letters, 2005, 94, 091803.	2.9	111
59	Search for new particles decaying to dijets at CDF. Physical Review D, 1997, 55, R5263-R5268.	1.6	108
60	Measurement of the rapidity and transverse momentum distributions of Z bosons in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1994, 73, 2662-2666.	1.6	108
61	Precision Measurement of the Prompt Photon Cross Section in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1994, 73, 2662-2666.	2.9	107
62	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
63	Measurement of p single diffraction dissociation at $\sqrt{s}=546$ and 1800 GeV . Physical Review D, 1994, 50, 5535-5549.	1.6	105
64	Measurement of $\sin^2\theta_W$ from $B \rightarrow J/\psi K_S$ with the CDF detector. Physical Review D, 2000, 61, .	1.6	105
65	Search for Charged Higgs Bosons from Top Quark Decays in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2006, 96, 042003.	2.9	103
66	Missing transverse energy performance of the CMS detector. Journal of Instrumentation, 2011, 6, P09001-P09001.	0.5	102
67	Measurement of the underlying event activity at the LHC with $\sqrt{s} = 7\text{ TeV}$ and comparison with $\sqrt{s} = 0.9\text{ TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	97
68	Search for the Standard Model Higgs Boson in the Decay Channel $H \rightarrow Z\gamma$. Physical Review Letters, 2011, 106, 011801.	2.9	97
69	Measurement of p production cross sections at the Higgs boson in pp collisions at $\sqrt{s}=7\text{ TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 25-47.	2.9	92
70	Measurement of the W boson mass. Physical Review D, 1995, 52, 4784-4827.	1.6	93
71	Inclusive c and b -quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{ TeV}$. Physical Review Letters, 1993, 71, 2537-2541.	2.9	92
72	Search for Charged Higgs Boson Decays of the Top Quark using Hadronic Decays of the Tau Lepton. Physical Review Letters, 1997, 79, 357-362.	2.9	92

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73	Search for Doubly Charged Higgs Bosons Decaying to Dileptons in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 221802.	2.9	92
74	Performance of \tilde{l}, q -lepton reconstruction and identification in CMS. Journal of Instrumentation, 2012, 7, P01001-P01001.	0.5	91
75	First measurement of the cross section for top-quark pair production in proton-proton collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 424-443.	1.5	90
76	The Design and Architecture of Microservices. IEEE Cloud Computing, 2016, 3, 76-80.	5.3	90
77	Upsilon production cross section in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 221802.	1.6	88
78	Search for the standard model Higgs boson decaying to WW in the fully leptonic final state in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 221802.	1.5	88
79	A New Boson with a Mass of 125 GeV Observed with the CMS Experiment at the Large Hadron Collider. Science, 2012, 338, 1569-1575.	6.0	85
80	Observation of Diffractive W -Boson Production at the Fermilab Tevatron. Physical Review Letters, 1997, 78, 2698-2703.	2.9	84
81	\tilde{l} Production in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1995, 75, 4358-4363.	2.9	82
82	Underlying event in hard interactions at the Fermilab Tevatron $p\bar{p}$ collider. Physical Review D, 2004, 70, .	1.6	82
83	Measurement of Bottom-Quark Hadron Masses in Exclusive \tilde{l} Decays with the CDF Detector. Physical Review Letters, 2006, 96, 202001.	2.9	82
84	J/ψ and $\tilde{l}(2S)$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	81
85	Measurement of the Top Quark Mass and $t\bar{t}$ Production Cross Section from Dilepton Events at the Collider Detector at Fermilab. Physical Review Letters, 1998, 80, 2779-2784.	2.9	80
86	Measurement of the $t\bar{t}$ Production Cross Section in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 221802.	2.9	80
87	Study of W Boson Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2004, 93, 221802.	2.9	80
88	Measurement of the charge asymmetry in top-quark pair production in proton-proton collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 28-49.	1.5	79
89	Measurement of the Lepton Charge Asymmetry in W -Boson Decays Produced in pp Collisions. Physical Review Letters, 1998, 81, 5754-5759.	2.9	78
90	Search for Gluinos and Scalar Quarks in pp Collisions at $\sqrt{s}=1.8$ TeV Using the Missing Energy plus Multijets Signature. Physical Review Letters, 2002, 88, 041801.	2.9	77

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91	Measurement of Dijet Angular Distributions by the Collider Detector at Fermilab. Physical Review Letters, 1996, 77, 5336-5341.	2.9	76
92	Study of jet shapes in inclusive jet production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	2.9	76
93	Evidence for the Exclusive Decay $B_c^{\pm} \rightarrow J/\psi K^{\pm}$ and Measurement of the Mass of the B_c^{\pm} Meson. Physical Review Letters, 2006, 96, 082002.	2.9	76
94	Measurement of Diffractive Dijet Production at the Fermilab Tevatron. Physical Review Letters, 1997, 79, 2636-2641.	2.9	75
95	Measurement of the Top Quark Mass with the Collider Detector at Fermilab. Physical Review Letters, 1999, 82, 271-276.	2.9	75
96	Search for Neutral Minimal Supersymmetric Standard Model Higgs Bosons Decaying to Tau Pairs in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 106, 231801.	2.9	74
97	Multihadron-event properties in e^+e^- annihilation at $\sqrt{s}=52$ GeV. Physical Review D, 1990, 41, 2675-2688.	1.6	73
98	Observation of Rapidity Gaps in $p\bar{p}$ Collisions at 1.8 TeV. Physical Review Letters, 1995, 74, 855-859.	2.9	71
99	Measurements of R and a Search for Heavy-Quark Production in e^+e^- Annihilation at $\sqrt{s}=50$ and 52 GeV. Physical Review Letters, 1988, 60, 93-96.	2.9	70
100	Measurement of the t -Channel Single Top Quark Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 106, 231801.	2.9	70
101	Limits on Quark-Lepton Compositeness Scales from Dileptons Produced in 1.8 TeV $p\bar{p}$ Collisions. Physical Review Letters, 1997, 79, 2198-2203.	2.9	69
102	Dijet Production by Color-Singlet Exchange at the Fermilab Tevatron. Physical Review Letters, 1998, 80, 1156-1161.	2.9	69
103	Measurement of the forward-backward charge asymmetry from $W\tau^+e^{-1/2}$ production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	69
104	Measurement of $b\bar{b}$ production correlations, $B^0\bar{B}^0$ mixing, and a limit on μ Bin $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1997, 55, 2546-2558.	1.6	68
105	Measurement of bottom quark production in 1.8 TeV $p\bar{p}$ collisions using muons from b -quark decays. Physical Review Letters, 1993, 71, 2396-2400.	2.9	66
106	First Observation of the All-Hadronic Decay of $t\bar{t}$ Pairs. Physical Review Letters, 1997, 79, 1992-1997.	2.9	65
107	Measurement of the differential cross section for isolated prompt photon production in $p\bar{p}$ collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2011, 84, .	1.6	65
108	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

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109	Search for microscopic black hole signatures at the Large Hadron Collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 697, 434-453.	1.5	65
110	Comparison of the isolated direct photon cross sections in $pp\bar{A}$ -collisions at $s=1.8\hat{a}\epsilon\text{,TeV}$ and $s=0.63\hat{a}\epsilon\text{,TeV}$. Physical Review D, 2002, 65, .	1.6	64
111	Prompt photon cross section measurement in $pp\bar{A}$ -collisions at $s=1.8\text{TeV}$. Physical Review D, 1993, 48, 2998-3025.	1.6	63
112	Search for Neutral Higgs Bosons of the Minimal Supersymmetric Standard Model Decaying to $\tau\tau$, Pairs in $pp\bar{A}$ -Collisions at $s=1.96\hat{a}\epsilon\text{,TeV}$. Physical Review Letters, 2006, 96, 011802.	2.9	63
113	Search for Signatures of Extra Dimensions in the Diphoton Mass Spectrum at the Large Hadron Collider. Physical Review Letters, 2012, 108, 111801.	2.9	63
114	Measurement of $\Gamma(B\to W\tau^+\nu_\tau)$ and $\Gamma(B\to Z0\tau^+e\nu_e)$ in $pp\bar{A}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1996, 76, 3070-3075.	2.9	62
115	Search for the decays $B\to\tau^+\nu_\tau$ and $B\to\tau^+\nu_\tau$ in $pp\bar{A}$ -collisions at $s=1.8\text{TeV}$. Physical Review D, 1998, 57, R3811-R3816.	1.3	62
116	Measurement of the Isolated Prompt Photon Production Cross Section in $pp\bar{A}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 2001, 63, 113001.	2.9	62
117	Search for the standard model Higgs boson decaying to bottom quarks in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2011, 106, 011801.	2.9	62
118	Charge Asymmetry in W-Boson Decays Produced in $pp\bar{A}$ -Collisions at $s=1.8\text{TeV}$. Physical Review Letters, 1995, 74, 850-854.	2.9	61
119	Measurement of the $B\to\tau^+\nu_\tau$ Production Cross Section in $pp\bar{A}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2001, 86, 011801.	2.9	61
120	Experimental evidence for the non-Abelian nature of QCD from a study of multijet events produced in e^+e^- annihilation. Physical Review Letters, 1989, 62, 1713-1716.	2.9	60
121	Search for $B\to\tau^+\nu_\tau$ and $B\to\tau^+\nu_\tau$ Decays in $pp\bar{A}$ -Collisions at $s=1.96\hat{a}\epsilon\text{,TeV}$. Physical Review Letters, 2004, 93, 032001.	2.9	60
122	Dijet Azimuthal Decorrelations in $pp\bar{A}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2011, 106, 122003.	2.9	60
123	When to Use Standards-Based APIs (Part 1). IEEE Cloud Computing, 2015, 2, 76-80.	5.3	60
124	Search for New Particles Decaying to Dijets in $pp\bar{A}$ -Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1995, 74, 3538-3543.	2.9	59
125	Performance and operation of the CMS electromagnetic calorimeter. Journal of Instrumentation, 2010, 5, T03010-T03010.	0.5	59
126	Alignment of the CMS silicon tracker during commissioning with cosmic rays. Journal of Instrumentation, 2010, 5, T03009-T03009.	0.5	59

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127	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. Search for a Vectorlike Quark with Charge $\frac{2}{3}$ in pp Collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	59
128	Measurement of the top quark mass with the Collider Detector at Fermilab. Physical Review D, 2001, 64, 111101.	2.9	59
129	Measurement of the W boson mass with the Collider Detector at Fermilab. Physical Review D, 2001, 64, 111101.	1.6	58
130	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
131	Measurement of the top quark mass with the collider detector at Fermilab. Physical Review D, 2001, 63, 111101.	1.6	57
132	Identification and filtering of uncharacteristic noise in the CMS hadron calorimeter. Journal of Instrumentation, 2010, 5, T03014-T03014.	0.5	57
133	Charged particle transverse momentum spectra in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	56
134	Exclusive $\bar{t}t' + \frac{1}{4} \bar{t}t'$ production in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	56
135	The composition of cosmic rays at the knee. Astroparticle Physics, 2002, 18, 129-150.	1.9	55
136	Dijet Production by Double Pomeron Exchange at the Fermilab Tevatron. Physical Review Letters, 2000, 85, 4215-4220. Measurement of Dijet Angular Distributions and Search for Quark Compositeness in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2011, 106, 201804.	2.9	54
137	Measurement of Dijet Angular Distributions and Search for Quark Compositeness in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2011, 106, 201804.	2.9	54
138	Evidence for color coherence in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 1994, 50, 5562-5579.	1.6	53
139	Limits on WWZ and WW $\tilde{\chi}^0$ Couplings from WW and WZ Production in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1995, 75, 1017-1022.	2.9	53
140	Measurement of the Lifetime Difference between B_s Mass Eigenstates. Physical Review Letters, 2005, 94, 101803. Search for New Physics with a Monojet and Missing Transverse Energy in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2011, 107, 201804.	2.9	53
141	Search for New Physics with a Monojet and Missing Transverse Energy in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2011, 107, 201804.	2.9	53
142	Search for Third Generation Leptoquarks in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1997, 78, 2906-2911.	2.9	52
143	Search for Scalar Top and Scalar Bottom Quarks in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 84, 5704-5709.	2.9	52
144	Performance of CMS muon reconstruction in cosmic-ray events. Journal of Instrumentation, 2010, 5, T03022-T03022.	0.5	52

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145	Search for gluinos and squarks at the Fermilab Tevatron collider. Physical Review D, 1997, 56, R1357-R1362.	1.6	51
146	Search for Neutral Supersymmetric Higgs Bosons in $\bar{p}p$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2001, 86, 4472-4478.	2.9	51
147	Measurement of the weak mixing angle with the Drell-Yan process in proton-proton collisions at the LHC. Physical Review D, 2011, 84, .	1.6	51
148	Measurement of the Helicity of W Bosons in Top Quark Decays. Physical Review Letters, 2000, 84, 216-221.	2.9	50
149	Combination of CDF and D0 results on the W boson mass and width. Physical Review D, 2004, 70, .	1.6	50
150	First measurement of the underlying event activity at the LHC with $\sqrt{s} = 0.9\text{TeV}$. European Physical Journal C, 2010, 70, 555-572.	1.4	50
151	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ \tau^-$ Decays in $\bar{p}p$ Collisions at $\sqrt{s}=7\text{TeV}$. Physical Review Letters, 2011, 107, 501802.	2.9	49
152	Search for Long-Lived Charged Massive Particles in $\bar{p}p$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2003, 90, 131801.	2.9	49
153	Measurement of the Inclusive Jet Cross Section Using the k_T Algorithm in $\bar{p}p$ Collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2006, 96, 122001.	2.9	49
154	First Measurement of Bose-Einstein Correlations in Proton-Proton Collisions at $\sqrt{s}=2.76\text{TeV}$ and 2.36TeV at the LHC. Physical Review Letters, 2010, 105, 032001.	2.9	49
155	Search for new physics with jets and missing transverse momentum in pp collisions at $\sqrt{s} = 7\text{TeV}$. Journal of High Energy Physics, 2011, 2011, 1.	1.6	49
156	Measurement of the differential dijet production cross section in proton-proton collisions at $\sqrt{s}=7\text{TeV}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 187-206.	1.6	49
157	Comparison of jet production in $\bar{p}p$ collisions at $\sqrt{s}=546$ and 1800GeV . Physical Review Letters, 1993, 70, 1376-1380.	2.9	47
158	Search for First Generation Leptoquark Pair Production in $\bar{p}p$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1997, 79, 4327-4332.	2.9	47
159	Searches for New Physics in Diphoton Events in $\bar{p}p$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1998, 81, 1791-1796.	2.9	47
160	Measurement of B hadron lifetimes using J/ψ final states at CDF. Physical Review D, 1998, 57, 5382-5401.	1.6	47
161	Search for Supersymmetry in $\bar{p}p$ Collisions at $\sqrt{s}=7\text{TeV}$ in Events with Two Photons and Missing Transverse Energy. Physical Review Letters, 2011, 106, 211802.	2.9	47
162	Measurement of the Polarization of W Bosons with Large Transverse Momenta in $\bar{p}p$ Collisions at $\sqrt{s}=7\text{TeV}$ and 2.36TeV at the LHC. Physical Review Letters, 2011, 107, 021802.	2.9	46

#	ARTICLE	IF	CITATIONS
163	Leading-order perturbative QCD calculation of nucleon Dirac form factors. Physical Review D, 1987, 36, 165-175.	1.6	45
164	Search for Charged Bosons Heavier than the W Boson in $p\bar{p}$ Collisions at $\sqrt{s}=1800$ GeV. Physical Review Letters, 1995, 74, 2900-2904.	2.9	45
165	Measurement of the production cross section in $p\bar{p}$ collisions at $\sqrt{s}=7$ TeV in $p\bar{p}$ collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 1995, 74, 2900-2904.	1.6	45
166	Charged-particle multiplicities in e^+e^- annihilations at $\sqrt{s}=50$ and 61.4 GeV. Physical Review D, 1990, 42, 737-747.	1.6	44
167	Search for single-top-quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2002, 65, .	1.6	44
168	Measurement of the inclusive jet cross section in $p\bar{p}$ interactions at $\sqrt{s}=1.96$ TeV using a cone-based jet algorithm. Physical Review D, 2006, 74, .	1.6	44
169	Observation of $b\bar{b}$ at the Fermilab proton-antiproton collider. Physical Review D, 1997, 55, 1142-1152.	1.6	43
170	Search for the Flavor-Changing Neutral Current Decays $B \rightarrow \pi^0 \pi^0 K$ and $B \rightarrow \pi^0 \pi^0 K^*0$. Physical Review Letters, 1999, 83, 3378-3383.	2.9	43
171	Measurement of correlated $b\bar{b}$ jet cross sections in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1996, 53, 1051-1065.	1.6	42
172	Measurement of the $t\bar{t}$ Production Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 80, 2773-2778.	2.9	42
173	Searches for new physics in diphoton events in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1999, 59, .	1.6	42
174	Observation of Diffractive b -Quark Production at the Fermilab Tevatron. Physical Review Letters, 2000, 84, 232-237.	2.9	42
175	Soft and hard interactions in $p\bar{p}$ collisions at $\sqrt{s}=1800$ and 630 GeV. Physical Review D, 2002, 65, .	1.6	42
176	Measurement of $B(\tau^+\nu)/B(\tau^+Wq)$ at the Collider Detector at Fermilab. Physical Review Letters, 2005, 95, 102002.	2.9	42
177	Search for New High-Mass Particles Decaying to Lepton Pairs in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 95, 252001.	2.9	42
178	Measurement of the Strong Coupling Constant from Inclusive Jet Production at the Tevatron $p\bar{p}$ Collider. Physical Review Letters, 2002, 88, 042001.	2.9	41
179	Limits on Extra Dimensions and New Particle Production in the Exclusive Photon and Missing Energy Signature in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2002, 89, 281801.	2.9	41
180	Search for Quark Compositeness with the Dijet Centrality Ratio in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2010, 105, 262001.	2.9	41

#	ARTICLE	IF	CITATIONS
181	Search for Stopped Gluinos in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 1997, 78, 4536-4540.	2.9	41
182	Inclusive search for squarks and gluinos in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 1997, 78, 4536-4540.	1.6	41
183	Evidence for $W+W$ Production in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1997, 78, 4536-4540.	2.9	40
184	The SVX3D integrated circuit for dead-timeless silicon strip readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 435, 58-64.	0.7	40
185	Search for New Physics Using High-Mass Tau Pairs from 1.96 TeV pp Collisions. Physical Review Letters, 2005, 95, 131801.	2.9	40
186	Search for same-sign top-quark pair production at $\sqrt{s} = 7$ TeV and limits on flavour changing neutral currents in the top sector. Journal of High Energy Physics, 2011, 2011, 1.	1.6	40
187	Measurement of the $B^0 \rightarrow B^0$ Oscillation Frequency Using B Meson Charge-Flavor Correlations in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1998, 80, 2057-2062.	2.9	39
188	Double Diffraction Dissociation at the Fermilab Tevatron Collider. Physical Review Letters, 2001, 87, 141802.	2.9	39
189	Measurement of the cross section for $t\bar{t}$ production in pp collisions using the kinematics of lepton+jets events. Physical Review D, 2005, 72, .	1.6	39
190	Direct Search for Dirac Magnetic Monopoles in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 201801.	2.9	39
191	Measurement of $W\bar{t}^3$ and $Z\bar{t}^3$ production in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 535-555.	1.5	39
192	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
193	Inclusive b-jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
194	Measurement of the Z/\bar{t}^3 b-jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	39
195	Search for Gluino and Squark Cascade Decays at the Fermilab Tevatron Collider. Physical Review Letters, 1996, 76, 2006-2010.	2.9	38
196	Search for New Particles Decaying to $t\bar{t}$ in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 85, 2062-2067.	2.9	38
197	Search for Quark-Lepton Compositeness and a Heavy W Boson Using the $e\bar{e}$ Channel in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2001, 87, 231803.	2.9	38
198	Momentum distribution of charged particles in jets in dijet events in pp collisions at $\sqrt{s} = 1.8$ TeV and comparisons to perturbative QCD predictions. Physical Review D, 2003, 68, .	1.6	38

#	ARTICLE	IF	CITATIONS
199	Measurement of Partial Widths and Search for Direct CP Violation in D^0 Meson Decays to K^+K^- and $\bar{K}^0\pi^+\pi^-$. Physical Review Letters, 2005, 94, 122001.	2.9	38
200	Measurement of the charge ratio of atmospheric muons with the CMS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 692, 83-104.	1.5	38
201	First measurement of hadronic event shapes in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 48-67.	1.5	38
202	Measurement of the CP-Violation Parameters $\sin(2\hat{\beta}^2)$ in $B_d^0/B_d^-\rightarrow\pi^+\pi^-$ KS Decays. Physical Review Letters, 1998, 81, 5513-5518.	2.9	37
203	Search for the charged Higgs boson in the decays of top quark pairs in the $t\bar{t}\rightarrow b\bar{b}H^\pm$ channels at $s=1.8$ TeV. Physical Review D, 2000, 62, .	1.6	37
204	Search for electroweak single-top-quark production in pp collisions at $s=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	37
205	Commissioning of the CMS experiment and the cosmic run at four tesla. Journal of Instrumentation, 2010, 5, T03001-T03001.	0.5	37
206	Measurement of the $\sigma(\text{pp}\rightarrow\text{t}\bar{\text{t}})$ 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
207	Limits on Z-Photon Couplings from $p\text{-}p\rightarrow\gamma^*Z$ Interactions at $s=1.8$ TeV. Physical Review Letters, 1995, 74, 1941-1945.	2.9	36
208	Search for $B_s^0\rightarrow\pi^+\pi^-$ and $B_d^0\rightarrow\pi^+\pi^-$ Decays in pp Collisions with CDF II. Physical Review Letters, 2005, 95, 022180536	2.9	36
209	Performance of the CMS hadron calorimeter with cosmic ray muons and LHC beam data. Journal of Instrumentation, 2010, 5, T03012-T03012.	0.5	36
210	Precise mapping of the magnetic field in the CMS barrel yoke using cosmic rays. Journal of Instrumentation, 2010, 5, T03021-T03021.	0.5	36
211	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
212	Commissioning and performance of the CMS pixel tracker with cosmic ray muons. Journal of Instrumentation, 2010, 5, T03007-T03007.	0.5	35
213	Measurement of the $\sigma(\text{pp}\rightarrow\text{B}^0\text{B}^0)$ Cross Section with $\sqrt{s}=7$ TeV. Physical Review D, 2011, 84, .	1.6	35
214	Events with a Rapidity Gap between Jets in $p\bar{p}$ Collisions at $\sqrt{s}=630$ GeV. Physical Review Letters, 1998, 81, 5278-5283.	2.9	34
215	First Measurement of the Ratio $B(\text{t}\bar{\text{t}}\rightarrow\text{Wb})/B(\text{t}\bar{\text{t}}\rightarrow\text{Wq})$ and Associated Limit on the Cabibbo-Kobayashi-Maskawa Element $ V_{tb} $. Physical Review Letters, 2001, 86, 3233-3238.	2.9	34
216	Measurement of the Cross Section for Prompt Diphoton Production in pp Collisions at $s=1.96$ TeV. Physical Review Letters, 2005, 95, 022003.	2.9	34

#	ARTICLE	IF	CITATIONS
217	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using lepton plus jets events with semileptonic B decays to muons. <i>Physical Review D</i> , 2005, 72, .	1.6	34
218	Time reconstruction and performance of the CMS electromagnetic calorimeter. <i>Journal of Instrumentation</i> , 2010, 5, T03011-T03011.	0.5	34
219	Search for Three-jet Resonances in pp Collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011, 107, 101801.	2.9	34
220	Search for microscopic black holes in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	34
221	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	33
222	Measurement of $W\bar{Z}$ and $Z\bar{Z}$ Production in pp Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2005, 94, 041803.	2.9	32
223	Measurement of $\overline{B}B$ angular correlations based on secondary vertex reconstruction at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	32
224	Search for supersymmetry in pp collisions at $\sqrt{s} = 7$ TeV in events with a single lepton, jets, and missing transverse momentum. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	32
225	Search for Isolated Leptons in Low-Thrust e^+e^- Annihilation Events at $\sqrt{s}=50$ and 52 GeV. <i>Physical Review Letters</i> , 1988, 60, 2359-2362.	2.9	31
226	Measurements of e^+e^- annihilation at the KEK collider TRISTAN. <i>Physical Review D</i> , 1990, 42, 1339-1349.	1.6	31
227	Search for first-generation leptoquarks in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1993, 48, R3939-R3944.	1.6	31
228	Measurement of the cross section for production of two isolated prompt photons in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1993, 70, 2232-2236.	2.9	31
229	Ratios of bottom meson branching fractions involving J/ψ mesons and determination of b quark fragmentation fractions. <i>Physical Review D</i> , 1996, 54, 6596-6609.	1.6	31
230	The $\bar{t}t$, $t\bar{t}$, and $t\bar{t}$ Decays of Top Quark Pairs Produced in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1997, 79, 3585-3590.	2.9	31
231	Search for Chargino-Neutralino Associated Production at the Fermilab Tevatron Collider. <i>Physical Review Letters</i> , 1998, 80, 5275-5280.	2.9	31
232	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2005, 71, .	1.6	31
233	Precision Top-Quark Mass Measurement in the Lepton+Jets Topology in pp Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2006, 96, 022004.	2.9	31
234	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	31

#	ARTICLE	IF	CITATIONS
235	Measurement of the Ratio $\sigma(B \rightarrow W \tau^+ e^{1/2}) / \sigma(B \rightarrow Z \tau^+ e e^{\sim})$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1994, 73, 220-224.	2.9	30
236	Search for excited quarks in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1994, 72, 3004-3008.	2.9	30
237	Kinematic evidence for top quark pair production in W +multijet events in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 1995, 51, 4623-4637.	1.6	30
238	Measurement of the $b \rightarrow 0$ Lifetime Using $b \rightarrow c + \hat{a}, \hat{a}^{\sim} \rightarrow 1/2 \hat{A}^{\sim}$. Physical Review Letters, 1996, 77, 1439-1443.	2.9	30
239	Search for R-Parity Violating Supersymmetry Using Like-Sign Dielectrons in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1999, 83, 2133-2138.	2.9	30
240	Measurement of the Decay Amplitudes of $B \rightarrow \tau^+ J/\psi K^0$ and $B_s \rightarrow \tau^+ J/\psi \pi^+$ Decays. Physical Review Letters, 2000, 85, 4668-4673.	2.9	30
241	Search for Excited and Exotic Electrons in the e^3 Decay Channel in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2005, 94, 101802.	2.9	30
242	A comparison of BGO and BSO crystals used in the dual-readout mode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 640, 91-98.	0.7	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.	1.5	30
244	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
245	Comparison of quark and gluon jets produced in high-energy e^+e^- annihilations. Physical Review Letters, 1989, 63, 1772-1775.	2.9	29
246	Search for Second and Third Generation Leptoquarks Including Production via Technicolor Interactions in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 85, 2056-2061.	2.9	29
247	Measurement of b -Quark Fragmentation Fractions in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 84, 1663-1668.	2.9	29
248	Optimized search for single-top-quark production at the Fermilab Tevatron. Physical Review D, 2004, 69, .	1.6	29
249	Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using kinematic fitting of b -tagged lepton+jet events. Physical Review D, 2005, 71, .	1.6	29
250	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
251	Forward-Backward Charge Asymmetry of Electron Pairs above the Z Pole. Physical Review Letters, 1996, 77, 2616-2621.	2.9	28
252	Production of $t\bar{c}1$ and $t\bar{c}2$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2001, 86, 3963-3968.	2.9	28

#	ARTICLE	IF	CITATIONS
253	Search for physics beyond the standard model using multilepton signatures in $\sqrt{s}=7$ TeV collisions at the LHC. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 94, 211801.	1.5	28
254	Measurement of Drell-Yan electron and muon pair differential cross sections in $\sqrt{s}=1.8$ TeV $p\bar{p}$ collisions. Physical Review D, 1994, 49, R1-R6.	1.6	27
255	Measurement of $d\sigma/dM$ and Forward-Backward Charge Asymmetry for High-Mass Drell-Yan e^+e^- Pairs from $\sqrt{s}=1.8$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2001, 87, 131802.	2.9	27
256	Measurements of bottom-antibottom azimuthal production correlations in proton-antiproton collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2005, 71, .	1.6	27
257	The electromagnetic performance of the RD52 fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 735, 130-144.	1.5	27
258	Search for Scalar Top Quark Production in $\sqrt{s}=1.8$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 2000, 84, 5273-5278.	0.7	27
259	Search for a heavy gauge boson Z' . Physical Review Letters, 2000, 84, 5273-5278.	2.9	26
260	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-antiproton collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.5	26
261	Measurement of the B meson and quark cross sections at $\sqrt{s}=1.8$ TeV using the exclusive decay $B \rightarrow J/\psi K^*$ (892)0. Physical Review D, 1994, 50, 4252-4257.	1.4	26
262	Properties of High-Mass Multijet Events at the Fermilab Proton-Antiproton Collider. Physical Review Letters, 1995, 75, 608-612.	1.6	25
263	Measurement of the $W+W^*$ Production Cross Section in $\sqrt{s}=1.96$ TeV $p\bar{p}$ Collisions Using Dilepton Events. Physical Review Letters, 2005, 94, 211801.	2.9	25
264	Top-Quark Mass Measurement from Dilepton Events at CDF II. Physical Review Letters, 2006, 96, 152002.	2.9	25
265	Performance study of the CMS barrel resistive plate chambers with cosmic rays. Journal of Instrumentation, 2010, 5, T03017-T03017.	0.5	25
266	Measurement of the muon stopping power in lead tungstate. Journal of Instrumentation, 2010, 5, P03007-P03007.	0.5	25
267	Commissioning and performance of the CMS silicon strip tracker with cosmic ray muons. Journal of Instrumentation, 2010, 5, T03008-T03008.	0.5	25
268	Search for Flavor-Changing Neutral Current B Meson Decays in $\sqrt{s}=1.8$ TeV $p\bar{p}$ Collisions. Physical Review Letters, 1996, 76, 4675-4680.	2.9	24
269	Reconstruction of $B \rightarrow J/\psi K_S^0$ and Measurement of Ratios of Branching Ratios Involving $B \rightarrow J/\psi K^*$ and $B \rightarrow \psi' K^+$. Physical Review Letters, 1996, 76, 2015-2020.	2.9	24

#	ARTICLE	IF	CITATIONS
271	Search for New Particles Decaying to $b\bar{b}$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1999, 82, 2038-2043.	2.9	24
272	Measurement of $B^0 \rightarrow B^0$ flavor oscillations using jet-charge and lepton flavor tagging in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1999, 60, .	1.6	24
273	Search for a Fourth-Generation Quark More Massive than the Z Boson in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 835-840.	2.9	24
274	Measurement of the ratio of b quark production cross sections in $p\bar{p}$ collisions at $\sqrt{s}=630\text{GeV}$ and $\sqrt{s}=1800\text{GeV}$. Physical Review D, 2002, 66, .	1.6	24
275	Search for first-generation scalar leptoquarks in $p\bar{p}$ collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review D, 2005, 72, 1.6	1.6	24
276	Measurement of the W boson polarization in top decay at CDF at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 2005, 71, 1.6	1.6	24
277	New crystals for dual-readout calorimetry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 512-526.	0.7	24
278	Performance of the CMS drift tube chambers with cosmic rays. Journal of Instrumentation, 2010, 5, T03015-T03015.	0.5	24
279	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
280	Identification of top quarks using kinematic variables. Physical Review D, 1995, 52, R2605-R2609.	1.6	23
281	Measurement of the Polarization in the Decays $B_d \rightarrow J/\psi K^0$ and $B_s \rightarrow J/\psi \eta'$. Physical Review Letters, 1995, 75, 3068-3072.	2.9	23
282	Direct photon cross section with conversions at CDF. Physical Review D, 2004, 70, .	1.6	23
283	K_S^0 and π^0 production studies in $p\bar{p}$ collisions at $\sqrt{s}=1800$ and 630GeV . Physical Review D, 2005, 72, .	1.6	23
284	Search for anomalous production of diphoton events with missing transverse energy at CDF and limits on gauge-mediated supersymmetry-breaking models. Physical Review D, 2005, 71, .	1.6	23
285	Alignment of the CMS muon system with cosmic-ray and beam-halo muons. Journal of Instrumentation, 2010, 5, T03020-T03020.	0.5	23
286	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
287	Search for Second Generation Leptoquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1995, 75, 1012-1016.	2.9	22
288	Search for Chargino-Neutralino Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1996, 76, 4307-4311.	2.9	22

#	ARTICLE	IF	CITATIONS
289	Search for Second Generation Leptoquarks in the Dimuon Plus Dijet Channel of $pp\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1998, 81, 4806-4811.	2.9	22
290	Direct Measurement of the W Boson Width in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 85, 3347-3352.	2.9	22
291	Measurement of the Top Quark p_T Distribution. Physical Review Letters, 2001, 87, 102001.	2.9	22
292	Search for Kaluza-Klein Graviton Emission in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$ Using the Missing Energy Signature. Physical Review Letters, 2004, 92, 121802.	2.9	22
293	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b -tags in $pp\bar{p}$ collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review D, 2006, 73, .	1.6	22
294	Particle identification in the longitudinally unsegmented RD52 calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 735, 120-129.	0.7	22
295	Search for New Particles Decaying into $b\bar{b}$ and Produced in Association with W Bosons Decaying into e^+e^- at the Fermilab Tevatron. Physical Review Letters, 1997, 79, 3819-3824.	2.9	21
296	Search for $B_s^0 \rightarrow B^0 \mu^+ \mu^-$ Oscillations Using the Semileptonic Decay $B_s^0 \rightarrow \mu^+ \mu^- \nu \bar{\nu}$. Physical Review Letters, 1999, 82, 3576-3580.	2.9	21
297	Search for a $W \rightarrow b\bar{b}$ Boson Decaying to a Top and Bottom Quark Pair in 1.8TeV $pp\bar{p}$ Collisions. Physical Review Letters, 2003, 90, 081802.	2.9	21
298	Measurement of the helicity of W bosons in top-quark decays. Physical Review D, 2006, 73, .	1.6	21
299	Search for second-generation scalar leptoquarks in $pp\bar{p}$ collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review D, 2006, 73, .	1.6	21
300	Search for Pair Production of First-Generation Scalar Leptoquarks in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2011, 106, 201802.	2.9	21
301	Measurement of the $B_d^0 \rightarrow B^0$ flavor oscillation frequency and study of same side flavor tagging of B mesons in $pp\bar{p}$ collisions. Physical Review D, 1998, 59, .	1.6	20
302	Limits on Light Gravitino Production and New Processes with Large Missing Transverse Energy in $pp\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 85, 1378-1383.	2.9	20
303	Diffraction Dijet Production at $\sqrt{s}=630$ and 1800 GeV at the Fermilab Tevatron. Physical Review Letters, 2002, 88, 151802.	2.9	20
304	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
305	Performance of the CMS cathode strip chambers with cosmic rays. Journal of Instrumentation, 2010, 5, T03018-T03018.	0.5	20
306	Measurement of the B_s Meson Lifetime. Physical Review Letters, 1995, 74, 4988-4992.	2.9	19

#	ARTICLE	IF	CITATIONS
307	Study of $t\bar{t}$ Production in pp Collisions Using Total Transverse Energy. Physical Review Letters, 1995, 75, 3997-4002.	2.9	19
308	Measurement of the Branching Fraction $B(Bu \rightarrow \tau^+ \nu_\tau)$ and Search for $Bc \rightarrow \tau^+ \nu_\tau$. Physical Review Letters, 1996, 77, 5176-5181.	2.9	19
309	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
310	Performance of the CMS drift-tube chamber local trigger with cosmic rays. Journal of Instrumentation, 2010, 5, T03003-T03003.	0.5	19
311	CMS data processing workflows during an extended cosmic ray run. Journal of Instrumentation, 2010, 5, T03006-T03006.	0.5	19
312	Search for charged Higgs boson decays of the top quark using hadronic t decays. Physical Review D, 1996, 54, 735-742.	1.6	18
313	Properties of Jets in Z Boson Events from 1.8 TeV pp Collisions. Physical Review Letters, 1996, 77, 448-453.	2.9	18
314	Search for the Decays $B_s \rightarrow D_s \tau^+ \nu_\tau$ and Pati-Salam Leptoquarks. Physical Review Letters, 1998, 81, 5742-5747.	2.9	18
315	Measurement of the $B_d \rightarrow B_d^0$ oscillation frequency using dimuon data in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 1999, 60, .	1.6	18
316	Charged-Particle Multiplicity in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2001, 87, 211804.	2.9	18
317	Search for the Supersymmetric Partner of the Top Quark in Dilepton Events from pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2003, 90, 251801.	2.9	18
318	Search for Pair Production of Scalar Top Quarks in R -Parity Violating Decay Modes in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2004, 92, 051803.	2.9	18
319	Fine synchronization of the CMS muon drift-tube local trigger using cosmic rays. Journal of Instrumentation, 2010, 5, T03004-T03004.	0.5	18
320	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
321	Search for unstable heavy neutral leptons in e^+e^- annihilations at \sqrt{s} from 50 to 60.8 GeV. Physical Review Letters, 1989, 63, 1342-1345.	2.9	17
322	Measurement of $e^+e^- \rightarrow b\bar{b}$ forward-backward charge asymmetry between $\sqrt{s} = 52$ and 57 GeV. Physical Review Letters, 1989, 63, 2341-2345.	2.9	17
323	Measurement of jet multiplicity in W events produced in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1993, 70, 4042-4046.	2.9	17
324	Search for the top quark decaying to a charged Higgs boson in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1994, 72, 1977-1981.	2.9	17

#	ARTICLE	IF	CITATIONS
325	Search for Higgs Bosons Produced in Association with a Vector Boson in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1998, 81, 5748-5753.	2.9	17
326	Measurement of the B^0 oscillation frequency using D^* pairs and lepton flavor tags. Physical Review D, 1999, 60, .	1.6	17
327	Search for Gluinos and Squarks Using Like-Sign Dileptons in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2001, 87, 251803.	2.9	17
328	Search for New Physics in Photon-Lepton Events in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2002, 89, 041802.	2.9	17
329	Heavy flavor properties of jets produced in pp interactions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 2004, 69, .	1.6	17
330	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
331	Search for Pair Production of Second-Generation Scalar Leptoquarks in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2001, 87, 251803.	2.9	17
332	Search for large extra dimensions in dimuon and dielectron events in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2001, 87, 251803.	1.5	17
333	Forward-backward charge asymmetry in e^+e^- hadron jets. Physical Review Letters, 1990, 64, 983-986.	2.9	16
334	Threshold inelastic electron scattering from the proton at high momentum transfers. Physical Review D, 1994, 49, 3091-3097.	1.6	16
335	Search for the Top Quark Decaying to a Charged Higgs Boson in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1994, 73, 2667-2671.	2.9	16
336	Search for Third-Generation Leptoquarks from Technicolor Models in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1999, 82, 3206-3211.	2.9	16
337	Measurement of the $t\bar{t}$ Production Cross Section in pp Collisions at $\sqrt{s}=1.96\text{TeV}$ Using Missing E_T + jets Events with Secondary Vertex Tagging. Physical Review Letters, 2006, 96, 202002.	2.9	16
338	Dual-readout calorimetry with a full-size BGO electromagnetic section. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 610, 488-501.	0.7	16
339	Optimization of crystals for applications in dual-readout calorimetry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 621, 212-221.	0.7	16
340	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 $\sqrt{s}=7\text{TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
341	Assessment of financial returns on investments in cyberinfrastructure facilities. , 2019, , .		16
342			

#	ARTICLE	IF	CITATIONS
343	Measurement of the dijet mass distribution in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1993, 48, 998-1008.	1.6	15
344	Further properties of high-mass multijet events at the Fermilab proton-antiproton collider. Physical Review D, 1996, 54, 4221-4233.	1.6	15
345	Search for a Technicolor T Particle in Events with a Photon and ab -Quark Jet at Fermilab. Physical Review Letters, 1999, 83, 3124-3129.	2.9	15
346	Observation of Diffractive J/ψ Production at the Fermilab Tevatron. Physical Review Letters, 2001, 87, 241802.	2.9	15
347	Search for new physics in photon-lepton events in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 2002, 66, .	1.6	15
348	Hadron detection with a dual-readout fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 866, 76-90.	0.7	15
349	Search for Color Singlet Technicolor Particles in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 1110-1115.	2.9	14
350	Measurement of the average time-integrated mixing probability of b -flavored hadrons produced at the Fermilab Tevatron. Physical Review D, 2004, 69, .	1.6	14
351	Measurement of Charged-Particle Multiplicities in Gluon and Quark Jets in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2005, 94, 171802.	2.9	14
352	Measurement of the ratio of the 3-jet to 2-jet cross sections in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2005, 94, 171802.	1.5	14
353	Standards at the Edge of the Cloud. IEEE Cloud Computing, 2017, 4, 63-67.	5.3	14
354	Observation of Hadronic Decays of Υ Events with the Collider Detector at Fermilab. Physical Review Letters, 1998, 80, 5720-5725.	2.9	13
355	Measurement of b -quark fragmentation fractions in the production of strange and light B mesons in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1999, 60, .	1.6	13
356	Search for a $W\rightarrow B$ Boson via the Decay Mode $W\rightarrow B\tau^+\tau^-$ in 1.8 TeV pp Collisions. Physical Review Letters, 2000, 84, 5716-5721.	2.9	13
357	Search for Associated Production of Υ and Vector Boson in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2003, 90, 221803.	2.9	13
358	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
359	Measurement of the Lifetime of the B_s^0 Meson Using the Exclusive Decay Mode $B_s^0\rightarrow J/\psi f_0$. Physical Review Letters, 1996, 77, 1945-1949.	2.9	12
360	Search for the supersymmetric partner of the top quark in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 2001, 63, .	1.6	12

#	ARTICLE	IF	CITATIONS
361	Searches for new physics in events with a photon and b-quark jet at CDF. Physical Review D, 2002, 65, .	1.6	12
362	Measurement of the mass difference $m(D_s^+) - m(D^+)$ at CDF II. Physical Review D, 2003, 68, .	1.6	12
363	Measurement of the polar-angle distribution of leptons from W boson decay as a function of the W transverse momentum in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2004, 70, .	1.6	12
364	Inclusive Double-Pomeron Exchange at the Fermilab Tevatron \bar{p} Collider. Physical Review Letters, 2004, 93, 141601.	2.9	12
365	Search for first generation scalar leptoquarks in the $jj\gamma$ channel in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2004, 93, 141601.	1.5	12
366	Measurement of the azimuthal angle distribution of leptons from W boson decays as a function of the W transverse momentum in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2006, 73, .	1.6	11
367	Search for Scalar Bottom Quarks from Gluino Decays in \bar{p} Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 171802.	2.9	11
368	Detection of electron showers in dual-readout crystal calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 686, 125-135.	0.7	11
369	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
370	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	11
371	Lessons from Monte Carlo simulations of the performance of a dual-readout fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 762, 100-118.	0.7	11
372	Search for radiative b-hadron decays in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2002, 66, .	1.6	10
373	Search for Lepton Flavor Violating Decays of a Heavy Neutral Particle in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2003, 91, 171602.	2.9	10
374	Inclusive Search for Anomalous Production of High-pT Like-Sign Lepton Pairs in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2004, 93, 061802.	2.9	10
375	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
376	Polarization as a tool for dual-readout calorimetry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 638, 47-54.	0.7	10
377	Perturbative QCD analysis of exclusive pair production of higher-generation nucleons. Physical Review D, 1986, 34, 3350-3353.	1.6	9
378	Experimental Mass Limit for a Fourth-Generation Sequential Lepton from e^+e^- Annihilations at $\sqrt{s} = 56$ GeV. Physical Review Letters, 1988, 61, 911-914.	2.9	9

#	ARTICLE	IF	CITATIONS
379	Search for Squarks and Gluinos via Radiative Decays of Neutralinos in Proton-Antiproton Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1995, 75, 613-617.	2.9	9
380	Properties of photon plus two-jet events in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1998, 57, 67-77.	1.6	9
381	Search for $B_s \rightarrow \tau^+ \nu_\tau$ and $B_d \rightarrow \tau^+ \nu_\tau$ Decays in pp Collisions with CDF II [Phys. Rev. Lett. 95, 221805 (2005)]. Physical Review Letters, 2005, 95, .	2.9	9
382	A search for $t\bar{t}$ production in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2006, 96, 081803.	1.5	9
383	Search for Higgs Bosons Decaying to $b\bar{b}$ and Produced in Association with W Bosons in pp Collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2006, 96, 081803.	2.9	9
384	Search for Dijet Resonances in 7TeV pp Collisions at CMS [Phys. Rev. Lett. 105, 211801 (2010)]. Physical Review Letters, 2011, 106, .	2.9	9
385	Assessment of non-financial returns on cyberinfrastructure. , 2019, , .		9
386	Beam tests of a thin dual-readout calorimeter for detecting cosmic rays outside the Earth's atmosphere. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 462, 411-425.	0.7	8
387	Central Pseudorapidity Gaps in Events with a Leading Antiproton at the Fermilab Tevatron $p\bar{p}$ Collider. Physical Review Letters, 2003, 91, 011802.	2.9	8
388	Search for the flavor-changing neutral current decay $D \rightarrow \tau^+ \nu_\tau$ in pp collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review D, 2003, 68, .	1.6	8
389	Search for supersymmetric Higgs bosons in the di-tau decay mode in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 2005, 72, .	1.6	8
390	Search for ZZ and ZW production in pp collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review D, 2005, 71, .	1.6	8
391	A search for excited leptons in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2006, 96, 081803.	1.5	8
392	Emerging Standards and Organizational Patterns in Cloud Computing. IEEE Cloud Computing, 2015, 2, 72-76.	5.3	8
393	Socioeconomics of Cloud Standards. IEEE Cloud Computing, 2015, 2, 8-11.	5.3	8
394	Center-of-mass angular distribution of prompt photons produced in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1993, 71, 679-683.	2.9	7
395	Measurement of the differential dijet mass cross section in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 2000, 61, .	1.6	7
396	Tests of enhanced leading order QCD in W boson plus jets events from 1.8TeV $p\bar{p}$ collisions. Physical Review D, 2001, 63, .	1.6	7

#	ARTICLE	IF	CITATIONS
397	Cross section for forward J/ψ production in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2002, 66, .	1.6	7
398	Search for the decay $B_s \rightarrow \tau^+ \tau^-$ in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2002, 65, .	1.6	7
399	Search for scalar leptoquark pairs decaying to $l^+ l^- q \bar{q}$ in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	7
400	Standards Underlying Cloud Networking. IEEE Cloud Computing, 2016, 3, 76-80.	5.3	7
401	Search for the Rare Decay $W \rightarrow \tau^+ \tau^-$. Physical Review Letters, 1996, 76, 2852-2857.	2.9	6
402	Measurement of the Differential Cross Section for Events with Large Total Transverse Energy in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 80, 3461-3466.	2.9	6
403	Measurement of the $R_f(W \rightarrow \tau^+ \tau^- \text{Jet})/R_f(W)$ Cross Section Ratio from pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 81, 1367-1372.	2.9	6
404	Measurement of $b\bar{b}$ rapidity correlations in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1999, 61, .	1.6	6
405	Measurement of the associated $D^* \rightarrow D^0 \pi^+$ production cross section in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1999, 60, .	1.6	6
406	Measurement of B -meson lifetimes using fully reconstructed B decays produced in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2002, 65, .	1.6	6
407	Study of $B^0 \rightarrow \tau^+ \tau^- K^0$ Decays with the Collider Detector at Fermilab. Physical Review Letters, 2002, 88, 071801.	2.9	6
408	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
409	Cloud Standards News and Updates. IEEE Cloud Computing, 2015, 2, 72-75.	5.3	6
410	The small-angle performance of a dual-readout fiber calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 808, 41-53.	0.7	6
411	W Boson + Jet Angular Distribution in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1994, 73, 2296-2300.	2.9	5
412	Properties of six-jet events with large six-jet mass at the Fermilab proton-antiproton collider. Physical Review D, 1997, 56, 2532-2543.	1.6	5
413	Search for the rare decay $W \rightarrow \tau^+ D_s^+ \tau^-$ in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1998, 58, .	1.6	5
414	Measurement of the two-jet differential cross section in pp collisions at $\sqrt{s}=1800$ GeV. Physical Review D, 2001, 64, .	1.6	5

#	ARTICLE	IF	CITATIONS
415	Search for New Heavy Particles in the WZ0 Final State in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2002, 88, 071806.	2.9	5
416	Commissioning of the CMS High-Level Trigger with cosmic rays. Journal of Instrumentation, 2010, 5, T03005-T03005.	0.5	5
417	Study of various photomultiplier tubes with muon beams and Čerenkov light produced in electron showers. Journal of Instrumentation, 2010, 5, P06002-P06002.	0.5	5
418	Cloud Standards and the Spectrum of Development. IEEE Cloud Computing, 2014, 1, 15-19.	5.3	5
419	The Role of Communities in Developing Cloud Standards. IEEE Cloud Computing, 2014, 1, 16-19.	5.3	5
420	When to Use Standards-Based APIs (Part 2). IEEE Cloud Computing, 2015, 2, 80-84.	5.3	5
421	Validation of Redfish. , 2017, , .		5
422	RadarViewer: Visualizing the dynamics of multivariate data. , 2020, , .		5
423	Comparison of three-jet events in pp collisions at $\sqrt{s}=1.8\text{TeV}$ to predictions from a next-to-leading order QCD calculation. Physical Review D, 2005, 71, .	1.6	4
424	A design space for dynamic service level agreements in OpenStack. Journal of Cloud Computing: Advances, Systems and Applications, 2014, 3, .	2.1	4
425	Guest Editors' Introduction: Special Issue on Interoperability, Federation Frameworks and Application Programming Interfaces for IaaS Clouds. Journal of Grid Computing, 2014, 12, 1-2.	2.5	4
426	Defining Our Terms. IEEE Cloud Computing, 2014, 1, 86-89.	5.3	4
427	Invention, Innovation, and New APIs. IEEE Cloud Computing, 2015, 2, 6-9.	5.3	4
428	Cloud, Data, and Business Process Standards for Manufacturing. IEEE Cloud Computing, 2016, 3, 74-80.	5.3	4
429	Standards for Hybrid Clouds. IEEE Cloud Computing, 2016, 3, 92-95.	5.3	4
430	Cloud and on-premises data center usage, expenditures, and approaches to return on investment: A survey of academic research computing organizations. , 2020, , .		4
431	Measurement of the $\hat{\sigma}_{D^*}$ Cross Section in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1996, 77, 5005-5010.	2.9	3
432	Jet pseudorapidity distribution in direct photon events in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1998, 57, 1359-1365.	1.6	3

#	ARTICLE	IF	CITATIONS
433	Cross section and heavy quark composition of $\bar{t}b$ events produced in pp collisions. Physical Review D, 2001, 65, .	1.6	3
434	Publisher's Note: Measurement of the W boson polarization in top decay at CDF $\sqrt{s}=1.8$ TeV [Phys. Rev. D 71, 031101 (2005)]. Physical Review D, 2005, 71, .	1.6	3
435	Search for $b \rightarrow p$ and $b \rightarrow K$ decays in pp collisions $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 72, .	1.6	3
436	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. Physical Review D, 2006, 73, .	1.6	3
437	Setting Cloud Standards in a New World. IEEE Cloud Computing, 2014, 1, 50-53.	5.3	3
438	Cloud benchmarking in bare-metal, virtualized, and containerized execution environments. , 2016, , .		3
439	Cloud Standards as Roadmaps for Migration. IEEE Cloud Computing, 2016, 3, 64-70.	5.3	3
440	Benchmarking Automated Hardware Management Technologies for Modern Data Centers and Cloud Environments. , 2017, , .		3
441	Redfish Green500 Benchmark (RGB): Towards Automation of the Green500 Process for Data Centers. , 2020, , .		3
442	Factors in Development and Adoption of New Cloud Software and Standards. IEEE Cloud Computing, 2014, 1, 10-13.	5.3	2
443	Forecasting Cloud Standards Success Patterns. IEEE Cloud Computing, 2017, 4, 56-60.	5.3	2
444	Mass limits of charged Higgs boson at large $\tan^2 \beta$ annihilations $\sqrt{s}=50 \sim 60.8$ GeV. Physical Review D, 1990, 42, 949-951.	1.6	1
445	Developing a space radiation simulation and analysis package. , 1999, , .		1
446	DETECTOR R&D. International Journal of Modern Physics A, 2004, 19, 1216-1228.	0.5	1
447	Search for W and Z bosons in the reaction $p\bar{p} \rightarrow WZ + \text{jets}$ $\sqrt{s}=1.8$ TeV. Physical Review D, 2006, 73, .		1
448	Hardware Analogies to Cloud Software Standards Development. IEEE Cloud Computing, 2016, 3, 84-88.	5.3	1
449	Cloud Native Standards and Call for Community Participation. IEEE Cloud Computing, 2017, 4, 56-61.	5.3	1
450	Maximizing the information content in thin calorimeters for space and balloon applications. , 2003, , .		0

#	ARTICLE	IF	CITATIONS
451	The CMS Collaboration. Nuclear Physics A, 2009, 830, 946c-956c.	0.6	0
452	Domino Ring Sampler (DRS) performances in dual-readout calorimetry. , 2010, , .		0
453	Reengineering Cloud Data Centers. IEEE Cloud Computing, 2018, 5, 26-27.	5.3	0
454	Results from a second longitudinal survey of academic research computing and data center usage: expenditures, utilization patterns, and approaches to return on investment. , 2021, , .		0