

Kwangzoo Chung

List of Publications by Year in descending order

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Version: 2024-02-01

271
papers

10,781
citations

24978

57
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46693

89
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272
all docs

272
docs citations

272
times ranked

7936
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of $B_s \rightarrow B_s^0$ Oscillations. Physical Review Letters, 2006, 97, 242003.	2.9	311
2	Evidence for a Narrow Near-Threshold Structure in the J/ψ Mass Spectrum in $B \rightarrow J/\psi K$ Decays. Physical Review Letters, 2009, 102, 242002.	2.9	275
3	Determination of the jet energy scale at the Collider Detector at Fermilab. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 566, 375-412.	0.7	259
4	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
5	Observation of Electroweak Single Top-Quark Production. Physical Review Letters, 2009, 103, 092002.	2.9	199
6	Analysis of the Quantum Numbers of the $X(3872)$ Particle. Physical Review Letters, 2007, 98, 132002.	2.9	193
7	Polarizations of J/ψ and $\psi(2S)$ in $B \rightarrow J/\psi K$ Decays. Physical Review Letters, 2009, 102, 242002.	2.9	192
8	Measurements of inclusive W and Z cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2457-2544.	1.4	188
9	First Flavor-Tagged Determination of Bounds on Mixing-Induced CP Violation in $B \rightarrow J/\psi K$ Decays. Physical Review Letters, 2008, 100, 161802.	2.9	187
10	Search for $B_s \rightarrow J/\psi K$ and $B \rightarrow J/\psi K$ Decays with CP Violation in $B \rightarrow J/\psi K$ Collisions. Physical Review Letters, 2008, 100, 101802.	2.9	179
11	Search for new particles decaying into dijets in proton-antiproton collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2009, 79, 032001.	1.6	171
12	Measurement of the inclusive jet cross section at the Fermilab Tevatron $p\bar{p}$ collisions using a cone-based jet algorithm. Physical Review D, 2008, 78, 032001.	2.9	153
13	Measurement of the $B_s \rightarrow B_s^0$ Oscillation Frequency. Physical Review Letters, 2006, 97, 062003.	1.6	149
14	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. Physical Review D, 2006, 73, 032001.	1.6	124
15	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2006, 96, 102002.	2.9	121
16	First Measurement of the $d\sigma/dM_{\pi^+ \pi^-}$ Differential Cross Section in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 222003.	2.9	115

#	ARTICLE	IF	CITATIONS
37	Evidence for the Exclusive Decay $B_c^{\pm} \rightarrow J/\psi \ell^{\pm} \bar{\nu}_\ell$ and Measurement of the Mass of the B_c^{\pm} Meson. Physical Review Letters, 2006, 96, 082002. Measurement of the cross section for W -boson production in association with jets	2.9	76
38	$p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV	1.6	76
39	Measurement of the cross section for W -boson production in association with jets in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV		

#	ARTICLE	IF	CITATIONS
55	Search for High-Mass $e^+e^- \rightarrow \mu^+\mu^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 103, 021802.	2.9	59
56	Search for Long-Lived Massive Charged Particles in 1.96 TeV pp Collisions. Physical Review Letters, 2009, 103, 021802.	2.9	58
57	Search for anomalous t production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
58	Search for Top-Quark Production via Flavor-Changing Neutral Currents in W Jet Events at CDF. Physical Review Letters, 2009, 102, 151801.	2.9	57
59	Search for $B_s \rightarrow \mu^+\mu^-$ and $B_0 \rightarrow \mu^+\mu^-$ decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	57
60	Observation of $B_s \rightarrow K^0 K^0$ and Measurements of Branching Fractions of Charmless Two-Body Decays of B_0 and B_s^0 Mesons in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 211802.	2.9	56
61	Search for Supersymmetry in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 251801.	2.9	56
62	Measurement of the Ratio $\sigma(\text{tt})/\sigma(\text{tt}^*)$ and Precise Extraction of θ_{tt} Cross Section. Physical Review Letters, 2010, 105, 012001.	2.9	56
63	Global search for new physics with $\sqrt{s} = 1.96$ TeV at CDF. Physical Review D, 2009, 79, .	1.6	53
64	Search for the Production of Narrow Resonances in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 103, 041801.	2.9	52
65	Measurement of $\sigma(\text{tt})/\sigma(\text{tt}^*)$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 231801.	2.9	52
66	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. Physical Review D, 2010, 82, .	1.6	50
67	Measurement of the Inclusive Jet Cross Section Using the k_T Algorithm in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 122001.	2.9	49
68	First run II measurement of the W boson mass at the Fermilab Tevatron. Physical Review D, 2008, 77, .	1.6	49
69	First measurement of the W boson mass and measurement of the properties of the W boson in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 251801.	1.6	49
70	First Measurement of the W Boson Jet Cross Section in Events with a W Boson in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 231801.	2.9	49
71	Search for leptonic decays of W bosons in pp collisions at $\sqrt{s} = 1.96$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	49
72	First Measurement of the W -Boson Mass in Run II of the Tevatron. Physical Review Letters, 2007, 99, 151801.	2.9	46

#	ARTICLE	IF	CITATIONS
73	Measurement of the B^+ production cross section in $pp^{\wedge-}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	45
74	Measurement of the Single-Top-Quark Production Cross Section at CDF. Physical Review Letters, 2008, 101, 252001.	2.9	45
75	Search for Doubly Charged Higgs Bosons with Lepton-Flavor-Violating Decays Involving $\tilde{l}, \tilde{\nu}_l$ Leptons. Physical Review Letters, 2008, 101, 121801.	2.9	45
76	Search for heavy bottom-like quarks in 4.9 fb^{-1} of pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	45
77	Measurement of the inclusive jet cross section in $pp^{\wedge-}$ interactions at $\sqrt{s}=1.96$ TeV using a cone-based jet algorithm. Physical Review D, 2006, 74, .	1.6	44
78	Observation of New Charmless Decays of Bottom Hadrons. Physical Review Letters, 2009, 103, 031801.	2.9	44
79	Measurement of the inclusive isolated prompt photon cross section in $pp^{\wedge-}$ collisions at the CDF detector. Physical Review D, 2009, 80, .	1.6	44
80	Search for Large Extra Dimensions in the Production of Jets and Missing Transverse Energy in $pp^{\wedge-}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 171802.	2.9	43
81	Search for Higgs Bosons Predicted in Two-Higgs-Doublet Models via Decays to Tau Lepton Pairs in 1.96 TeV $pp^{\wedge-}$ Collisions. Physical Review Letters, 2009, 103, 201801.	2.9	43
82	Measurement of $B(\tau^+ \rightarrow W^b) / B(\tau^+ \rightarrow W^q)$ at the Collider Detector at Fermilab. Physical Review Letters, 2005, 95, 102002.	2.9	42
83	Search for New High-Mass Particles Decaying to Lepton Pairs in $pp^{\wedge-}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 95, 252001.	2.9	42
84	Measurement of the Top-Quark Mass with Dilepton Events Selected Using Neuroevolution at CDF. Physical Review Letters, 2009, 102, 152001.	2.9	42
85	Production of $\tilde{f}(2S)$ mesons in $pp^{\wedge-}$ collisions at 1.96 TeV . Physical Review D, 2009, 80, .	1.6	42
86	Measurement of the top quark mass using template methods on dilepton events in $pp^{\wedge-}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2006, 73, .	1.6	41
87	Inclusive Search for New Physics with Like-Sign Dilepton Events in $pp^{\wedge-}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 221803.	2.9	41
88	Search for Resonant Production in $pp^{\wedge-}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 221803.	2.9	41
89	Search for New Physics Using High-Mass Tau Pairs from 1.96 TeV $pp^{\wedge-}$ Collisions. Physical Review Letters, 2005, 95, 131801.	2.9	40
90	Model-independent and quasi-model-independent search for new physics at CDF. Physical Review D, 2008, 78, .	1.6	40

#	ARTICLE	IF	CITATIONS
91	Measurement of Resonance Parameters of Orbitally Excited Narrow B_c Mesons. Physical Review Letters, 2009, 102, 102003.	2.9	40
92	Search for the Decays $B(s) \rightarrow e^+ \mu^- \nu_e$ and $B(s) \rightarrow e^+ e^- \nu_e$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.	2.9	40
93	The first private-hospital based proton therapy center in Korea; status of the Proton Therapy Center at Samsung Medical Center. Radiation Oncology Journal, 2015, 33, 337.	0.7	40
94	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
95	Direct Search for Dirac Magnetic Monopoles in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 201801.	2.9	39
96	Measurement of Lifetime and Decay-Width Difference in B_s Decays. Physical Review Letters, 2008, 100, 121803.	2.9	39
97	Inclusive Search for Standard Model Higgs Boson Production in the WW Decay Channel Using the CDF II Detector. Physical Review Letters, 2010, 104, 061803.	2.9	38
98	Search for $B_s \rightarrow \tau^+ \mu^- \nu_\tau$ and $B_d \rightarrow \tau^+ \mu^- \nu_\tau$ Decays in pp Collisions with CDF II. Physical Review Letters, 2005, 95, 221803.	2.9	36
99	Observation of WZ Production. Physical Review Letters, 2007, 98, 161801.	2.9	36
100	Limits on the production of narrow resonances in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 031801.	1.6	35
101	First Measurement of W Boson Production in Association with a Single Charm Quark in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 091803.	2.9	35
102	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. Physical Review D, 2005, 72, .	1.6	34
103	Evidence for $B_s \rightarrow \tau^+ \mu^- \nu_\tau$ Decay and Measurements of Branching Ratio and ACP for $B \rightarrow \tau^+ \mu^- K^+$. Physical Review Letters, 2005, 95, 031801.	2.9	33
104	Search for a Standard Model Higgs Boson in Wb Collisions in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 211802.	2.9	33
105	Combined Tevatron upper limit on $g\hat{t}^*H\hat{t}^*W+W\hat{t}^*$ and constraints on the Higgs boson mass in fourth-generation fermion models. Physical Review D, 2010, 82, .	1.6	33
106	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events with Missing Transverse Energy at CDF II. Physical Review Letters, 2010, 104, 011801.	2.9	32
107	Search for High-Mass Resonances Decaying to $e\mu$ in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 211802.	2.9	31
108	Precision Top-Quark Mass Measurement in the Lepton+Jets Topology in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 022004.	2.9	31

#	ARTICLE	IF	CITATIONS
109	Search for Heavy Toplike Quarks Using Lepton Plus Jets Events in 1.96 TeV Collisions. Physical Review Letters, 2008, 100, 161803.	2.9	31
110	Search for new particles leading to Z jets final states in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2008, 100, 161803.	1.6	30
111	Search for new particles leading to Z jets final states in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2008, 77, 074017.	1.6	30
112	Strong Evidence for ZZ Production in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2008, 100, 201801.	2.9	30
113	Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2010, 104, 251801.	2.9	30
114	Measurement of W -Boson Polarization in Top-Quark Decay in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2010, 105, 042002.	2.9	30
115	Measurement of the Top-Quark Mass in All-Hadronic Decays in pp Collisions at CDF II. Physical Review Letters, 2007, 98, 142001.	2.9	29
116	Precision measurement of the top-quark mass from dilepton events at CDF II. Physical Review D, 2007, 75, .	1.6	29
117	Measurement of cross sections for b jet production in events with a Z boson in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2009, 79, .	1.6	29
118	Search for Long-Lived Doubly Charged Higgs Bosons in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2005, 95, 071801.	2.9	28
119	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2009, 103, 061803.	2.9	28
120	Searches for direct pair production of supersymmetric top and supersymmetric bottom quarks in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review D, 2007, 76, .	1.6	27
121	Measurement of the b Lifetime in $b \rightarrow c + \bar{c} + \bar{c}$ Decays in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2010, 104, 102002.	2.9	27
122	Search for WW and WZ Resonances Decaying to Electron, Missing ET, and Two Jets in pp Collisions at $\sqrt{s}=1.96\text{ TeV}$. Physical Review Letters, 2010, 104, 241801.	2.9	27
123	Precise Measurement of the Top-Quark Mass in the Lepton+Jets Topology at CDF II. Physical Review Letters, 2007, 99, 182002.	2.9	26
124	Top-Quark Mass Measurement from Dilepton Events at CDF II. Physical Review Letters, 2006, 96, 152002.	2.9	25
125	Measurement of the helicity fractions of W bosons from top quark decays using fully reconstructed $t\bar{t}$ events with CDF II. Physical Review D, 2007, 75, .	1.6	25
126	First simultaneous measurement of the top quark mass in the lepton+jets and dilepton channels at CDF. Physical Review D, 2009, 79, .	1.6	25

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145	Measurements of branching fraction ratios and CP asymmetries in $B^{\pm} \rightarrow D^{\pm} K^{\pm}$ decays in hadron collisions. Physical Review D, 2010, 81, .	1.6	22
146	Measurements of the top-quark mass using charged particle tracking. Physical Review D, 2010, 81, .	1.6	22
147	Measurement of the helicity of W bosons in top-quark decays. Physical Review D, 2006, 73, .	1.6	21
148	Search for second-generation scalar leptoquarks in $p\bar{p} \rightarrow \tau^{\pm} \tau^{\mp}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2006, 73, .	1.6	21
149	First Observation of $B \rightarrow B_s \tau^+ \tau^-$ decays. Physical Review Letters, 2009, 103, 191802.	1.6	21
150	Measurement of the b-jet cross section in events with a Z boson in $p\bar{p} \rightarrow \tau^{\pm} \tau^{\mp}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2006, 74, .	1.6	20
151	Search for $W \rightarrow e \nu_e$ decaying to electron-neutrino pairs in $p\bar{p} \rightarrow \tau^{\pm} \tau^{\mp}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	1.6	20
152	First Observation of Vector Boson Pairs in a Hadronic Final State at the Tevatron Collider. Physical Review Letters, 2009, 103, 091803.	2.9	20
153	First measurement of the ratio of branching fractions $R_{B \rightarrow B_s \tau^+ \tau^-}$.		

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163	Search for the Higgs Boson in Events with Missing Transverse Energy and b Quark Jets Produced in pp Collisions Physical Review Letters, 2008, 100, 062005.	2.9	17
164	Cross-Section-Constrained Top-Quark Mass Measurement from Dilepton Events at the Tevatron. Physical Review Letters, 2008, 100, 062005.	2.9	17
165	Measurement of W -boson helicity fractions in top-quark decays using $\cos\theta^*$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 160-167.	1.5	17
166	Measurement of θ^* Production Cross Section in pp Collisions at $\sqrt{s}=1.96$ TeV Using Missing ET+jets Events with Secondary Vertex Tagging. Physical Review Letters, 2006, 96, 202002.	2.9	16
167	Search for third generation vector leptoquarks in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	1.6	16
168	First Observation of the Decay $B_s \rightarrow D_s \gamma$ and Measurement of Its Branching Ratio. Physical Review Letters, 2008, 100, 021803.	2.9	16
169	Search for new color-octet vector particle decaying to $t\bar{t}$ Physical Review Letters, 2006, 96, 191801.	1.5	16
170	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s \gamma)/B(B_s \rightarrow D \gamma)$ and $B(B \rightarrow D^* \gamma)/B(B \rightarrow D \gamma)$. Physical Review Letters, 2006, 96, 191801.	2.9	15
171	Search for Anomalous Production of Multilepton Events in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 131804.	2.9	15
172	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. Physical Review D, 2008, 78, .	1.6	15
173	Search for Pair Production of Scalar Top Quarks Decaying to a Lepton and a Quark Physical Review Letters, 2009, 102, 042001.	2.9	15
174	Direct Bound on the Total Decay Width of the Top Quark in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 042001.	2.9	15
175	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. Physical Review D, 2009, 79, .	1.6	15
176	Exclusion of an Exotic Top Quark with $\frac{2}{3}$ Electric Charge Using Soft Lepton Tagging. Physical Review Letters, 2010, 105, 101801.	2.9	15
177	Search for single top quark production in pp collisions at $\sqrt{s}=1.96$ TeV in the missing transverse energy plus jets topology. Physical Review D, 2010, 81, .	1.6	15
178	Measurement of the mass difference between top and antitop quarks. Journal of High Energy Physics, 2012, 2012, 1.	1.6	15
179	Measurement of θ^* production cross section in pp collisions at $\sqrt{s}=1.96$ TeV in the all hadronic decay mode. Physical Review D, 2006, 74, .	1.6	14
180	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s \gamma)/B(B_s \rightarrow D \gamma)$ and $B(B \rightarrow D^* \gamma)/B(B \rightarrow D \gamma)$. Physical Review Letters, 2007, 98, 061802.	2.9	14

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181	Measurement of the $\langle \sigma_{\text{had}} \rangle$ 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.	2.9	14
182	Search for anomalous production of events with two photons and additional energetic objects at CDF. Physical Review D, 2010, 82, .	2.9	14
183	Gold nanoparticles as a potent radiosensitizer in neutron therapy. Oncotarget, 2017, 8, 112390-112400.	1.6	14
184	Early clinical outcomes of helical tomotherapy/intensity modulated proton therapy combination in nasopharynx cancer. Cancer Science, 2019, 110, 2867-2874.	0.8	14
185	Measurement of the ratio of branching fractions $B(D \rightarrow K^* \bar{K}^0) / B(D \rightarrow K^* \bar{K}^+)$ using the CDF II detector. Physical Review D, 2006, 74, .	1.7	14
186	Measurement of the top quark mass in pp collisions at $\sqrt{s} = 1.96$ TeV using the decay length technique. Physical Review D, 2007, 75, .	1.6	13
187	Search for Standard Model Higgs Bosons Produced in Association with W Bosons. Physical Review Letters, 2008, 100, 041801.	1.6	13
188	Search for Gluino-Mediated Bottom Squark Production in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2009, 102, 221801.	2.9	13
189	Measurement of the t production cross section 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
190	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
191	High Control Rate for Lymph Nodes in Cervical Cancer Treated with High-Dose Radiotherapy using Helical Tomotherapy. Technology in Cancer Research and Treatment, 2013, 12, 45-51.	1.6	13
192	The proton therapy nozzles at Samsung Medical Center: A Monte Carlo simulation study using TOPAS. Journal of the Korean Physical Society, 2015, 67, 170-174.	0.8	13
193	Observation of $B_s \rightarrow \tau^+ \tau^- (2S)$ and Measurement of the Ratio of Branching Fractions $B(B_s \rightarrow \tau^+ \tau^- (2S)) / B(B_s \rightarrow \tau^+ \tau^-)$. Physical Review Letters, 2006, 96, 231801.	0.3	13
194	Search for charged-neutralino production in pp collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2008, 77, .	2.9	12
195	Measurement of the t production cross section 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	12
196	Measurement of the t production cross section 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	12
197	Search for Scalar Bottom Quarks from Gluino Decays in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 171802.	1.6	12
198	Search for Scalar Bottom Quarks from Gluino Decays in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 96, 171802.	2.9	11

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199	Search for Chargino-Neutralino Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	2.9	11
200	Search for new physics in lepton+photon+X events with 929 pb $^{-1}$ of $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2007, 75, .	1.6	11
201	Measurement of b -jet shapes in inclusive jet production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 78, .	1.6	11
202	Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and b -Quark Jets in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 141801.	2.9	11
203	Study on dependence of dose enhancement on cluster morphology of gold nanoparticles in radiation therapy using a body-centred cubic model. Physics in Medicine and Biology, 2017, 62, 7729-7740.	1.6	11
204	Search for standard model Higgs boson production in association with a W boson at CDF. Physical Review D, 2008, 78, .	1.6	10
205	Search for the Associated Production of the Standard-Model Higgs Boson in the All-Hadronic Channel. Physical Review Letters, 2009, 103, 221801.	2.9	10
206	Search for the Higgs boson produced in association with a Z boson in the ZZ channel using a matrix element method at CDF II. Physical Review D, 2009, 80, .	1.6	10
207	Search for the Higgs boson produced in association with a Z boson in the ZZ channel using a matrix element technique in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 221801.	1.6	10
208	Measurement of the top quark mass at CDF using the \tilde{t} template method on a lepton plus isolated track sample. Physical Review D, 2009, 79, .	1.6	10
209	Search for New Physics with a Dijet Plus Missing Energy Signature in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 131801.	2.9	10
210	Feasibility of a GATE Monte Carlo platform in a clinical pretreatment QA system for VMAT treatment plans using TrueBeam with an HD120 multileaf collimator. Journal of Applied Clinical Medical Physics, 2019, 20, 101-110.	0.8	10
211	Carotid-Sparing TomoHelical 3-Dimensional Conformal Radiotherapy for Early Glottic Cancer. Cancer Research and Treatment, 2016, 48, 63-70.	1.3	10
212	A search for W boson production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 081803.	1.5	9
213	Search for Higgs Bosons Decaying to $b\bar{b}$ and Produced in Association with W Bosons in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 081803.	2.9	9
214	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. Physical Review D, 2008, 78, .	1.6	9
215	Two-particle momentum correlations in jets produced in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	1.6	9
216	Cross section measurements of high- p_T dilepton final-state processes using a global fitting method. Physical Review D, 2008, 78, .	1.6	8

#	ARTICLE	IF	CITATIONS
217	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon b -tagged events. Physical Review D, 2009, 80, .	1.6	8
218	Measurement of Z^0 production in pp -collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2010, 82, .	1.6	8
219	Measurement of the B^0 lifetime using a simulation free approach for trigger bias correction. Physical Review D, 2011, 83, .	1.6	8
220	Accuracy of volume measurement using 3D ultrasound and development of CT-3D US image fusion algorithm for prostate cancer radiotherapy. Medical Physics, 2013, 40, 021704.	1.6	8
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