

Kwangzoo Chung

List of Publications by Year in descending order

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Version: 2024-02-01

271
papers

10,781
citations

25034

57
h-index

46799

89
g-index

272
all docs

272
docs citations

272
times ranked

7936
citing authors

#	ARTICLE	IF	CITATIONS
1	Feasibility study of a plastic scintillating plate-based treatment beam fluence monitoring system for use in pencil beam scanning proton therapy. <i>Medical Physics</i> , 2020, 47, 703-712.	3.0	2
2	Clinical application of a gantry-attachable plastic scintillating plate dosimetry system in pencil beam scanning proton therapy beam monitoring. <i>Physica Medica</i> , 2020, 77, 181-186.	0.7	4
3	Feasibility Study of Beam Angle Optimization for Proton Treatment Planning Using a Genetic Algorithm. <i>Journal of the Korean Physical Society</i> , 2020, 77, 312-316.	0.7	1
4	Development of a Daily-Treatment Beam-Monitoring System Based Gafchromic EBT3 Film for Pencil-Beam Scanning Proton Therapy. <i>Journal of the Korean Physical Society</i> , 2020, 76, 769-773.	0.7	0
5	Early clinical outcomes of helical tomotherapy/intensity-modulated proton therapy combination in nasopharynx cancer. <i>Cancer Science</i> , 2019, 110, 2867-2874.	3.9	14
6	Initial Experience of Patient-Specific QA for Wobbling and Line-Scanning Proton Therapy at Samsung Medical Center. <i>Progress in Medical Physics</i> , 2019, 30, 14.	0.3	3
7	Feasibility of a GATE Monte Carlo platform in a clinical pretreatment QA system for VMAT treatment plans using TrueBeam with an HD120 multileaf collimator. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 101-110.	1.9	10
8	Development of an Assemblable, Daily, Quality-Assurance Device for Line-Scanning Proton Therapy. <i>Journal of the Korean Physical Society</i> , 2019, 75, 344-349.	0.7	1
9	P4541 Assessing the cause of pulmonary hypertension on echo in the absence of tricuspid regurgitation - A NEDA (National Echo Database of Australia) study. <i>European Heart Journal</i> , 2018, 39, .	2.2	0
10	Increased Efficiency of Range Verification in Routine QA for Pencil-Beam Scanning Proton Therapy. <i>Journal of the Korean Physical Society</i> , 2018, 73, 983-989.	0.7	1
11	Study on dependence of dose enhancement on cluster morphology of gold nanoparticles in radiation therapy using a body-centred cubic model. <i>Physics in Medicine and Biology</i> , 2017, 62, 7729-7740.	3.0	11
12	Normal lung sparing Tomotherapy technique in stage III lung cancer. <i>Radiation Oncology</i> , 2017, 12, 167.	2.7	4
13	Gold nanoparticles as a potent radiosensitizer in neutron therapy. <i>Oncotarget</i> , 2017, 8, 112390-112400.	1.8	14
14	Development of an Analytic Software Using Pencil Beam Scanning Proton Beam. <i>Progress in Medical Physics</i> , 2017, 28, 22.	0.4	3
15	A Pilot Study of the Scanning Beam Quality Assurance Using Machine Log Files in Proton Beam Therapy. <i>Progress in Medical Physics</i> , 2017, 28, 129.	0.3	6
16	Analysis of Treatment and Delay Times by Disease Site and Delivery Technique at Samsung Medical Center: Proton Therapy Center. <i>Progress in Medical Physics</i> , 2016, 27, 258.	0.4	2
17	Commissioning and Validation of a Dedicated Scanning Nozzle at Samsung Proton Therapy Center. <i>Progress in Medical Physics</i> , 2016, 27, 267.	0.4	5
18	Secondary Neutron Dose Measurement for Proton Line Scanning Therapy. <i>Progress in Medical Physics</i> , 2016, 27, 162.	0.4	2

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19	Correlation between tumor regression grade and rectal volume in neoadjuvant concurrent chemoradiotherapy for rectal cancer. Radiation Oncology Journal, 2016, 34, 186-192.	1.5	4
20	Carotid-Sparing TomoHelical 3-Dimensional Conformal Radiotherapy for Early Glottic Cancer. Cancer Research and Treatment, 2016, 48, 63-70.	3.0	10
21	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.	0.7	13
22	Development of a 3D optical scanning-based automatic quality assurance system for proton range compensators. Medical Physics, 2015, 42, 1071-1079.	3.0	6
23	Feasibility of using Geant4 Monte Carlo simulation for IMRT dose calculations for the Novalis Tx with a HD-120 multi-leaf collimator. Journal of the Korean Physical Society, 2015, 66, 1489-1494.	0.7	1
24	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.	1.5	40
25	Feasibility study of the neutron dose for real-time image-guided proton therapy: A Monte Carlo study. Journal of the Korean Physical Society, 2015, 67, 142-146.	0.7	3
26	SU-E-T-1569: Neutron Shielding Calculation Using Analytical and Multi-Monte Carlo Method for Proton Therapy Facility. Medical Physics, 2015, 42, 3466-3466.	3.0	0
27	GATE Monte Carlo simulation of GE Discovery 600 and a uniformity phantom. Journal of the Korean Physical Society, 2014, 65, 1802-1808.	0.7	3
28	Risk of secondary cancers from scattered radiation during intensity-modulated radiotherapies for hepatocellular carcinoma. Radiation Oncology, 2014, 9, 109.	2.7	24
29	SU-E-T-195: Gantry Angle Dependency of MLC Leaf Position Error. Medical Physics, 2014, 41, 267-267.	3.0	2
30	SU-E-T-239: Monte Carlo Modelling of SMC Proton Nozzles Using TOPAS. Medical Physics, 2014, 41, 278-278.	3.0	0
31	SU-E-T-63: Carotid Sparing Tomohelical Three Dimensional Conformal Radiotherapy for T1N0 Glottic Cancer. Medical Physics, 2014, 41, 236-236.	3.0	0
32	Risk of second cancer from scattered radiation of intensity-modulated radiotherapies with lung cancer. Radiation Oncology, 2013, 8, 47.	2.7	20
33	Radiochromic film based transit dosimetry for verification of dose delivery with intensity modulated radiotherapy. Medical Physics, 2013, 40, 021725.	3.0	3
34	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.	3.0	8
35	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.	1.9	13
36	Estimation of Secondary Scattered Dose from Intensity-modulated Radiotherapy for Liver Cancer Cases. Progress in Medical Physics, 2013, 24, 295.	0.4	3

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37	The Development of Real Time Automatic Patient Position Correction System during the Radiation Therapy Based on CCD: A Feasibility Study. Progress in Medical Physics, 2013, 24, 191.	0.4	1
38	SU-E-T-260: Risk of Second Cancer From Scattered Dose During the Radiation Therapy with Lung Cancer. Medical Physics, 2013, 40, 264-264.	3.0	0
39	SU-E-T-194: Radiochromic Film Based Transit Dosimetry for Verification of Dose Delivery with Intensity Modulated Radiotherapy. Medical Physics, 2013, 40, 248-249.	3.0	0
40	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.	4.7	45
41	Search for anomalous production of multilepton events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	68
42	Search for leptonic decays of $W^{\pm 2}$ bosons in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	49
43	Measurement of the underlying event activity in pp collisions at $\sqrt{s} = 0.9 \text{ TeV}$ and 7 TeV with the novel jet-area/median approach. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13
44	Search for anomalous t production in the highly-boosted all-hadronic final state. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
45	Search for B_{c} and B_{c}^{\pm} decays. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
46	Measurement of the mass difference between top and antitop quarks. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
47	SU-E-T-113: Comparison of the Effect of Metal Implants in Three Different Radiation Therapy Modalities; IMXT, Tomotherapy, and Proton Therapy. Medical Physics, 2012, 39, 3701-3702.	3.0	0
48	Measurement of the B^0 lifetime using a simulation free approach for trigger bias correction. Physical Review D, 2011, 83, .	4.7	8
49	Study of multi-muon events produced in pp interactions at $\sqrt{s} = 1.96 \text{ TeV}$. European Physical Journal C, 2010, 68, 109-118.	3.9	5
50	Comments and Reply on: Study of multi-muon events produced in pp interactions at $\sqrt{s} = 1.96 \text{ TeV}$, T. Aaltonen et al. (The CDF Collaboration). European Physical Journal C, 2010, 68, 119-123.	3.9	0
51	Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s} = 0.9 \text{ TeV}$ and 2.36 TeV . Journal of High Energy Physics, 2010, 2010, 1.	4.7	230
52	Search for new color-octet vector particle decaying to $q\bar{q}$. Journal of High Energy Physics, 2010, 2010, 1.	4.1	16
53	Search for $g\bar{g}$ production of Drell-Yan e^+e^- pairs. Journal of High Energy Physics, 2010, 2010, 1.	4.1	73
54	Search for $g\bar{g}$ production of e^+e^- pairs. Journal of High Energy Physics, 2010, 2010, 1.	7.8	20

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55	Search for Technicolor Particles Produced in Association with a W Boson at CDF. Physical Review Letters, 2010, 104, 111802.	7.8	7
56	Inclusive Search for Standard Model Higgs Boson Production in the WW Decay Channel Using the CDF II Detector. Physical Review Letters, 2010, 104, 061803.	7.8	38
57	Measurement of the b Lifetime in $b \rightarrow c + \bar{c} + \bar{\nu}_b$ Decays in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 102002.	7.8	27
58	Search for the Production of Scalar Bottom Quarks in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 081802.	7.8	23
59	Search for Pair Production of Supersymmetric Top Quarks in Dilepton Events from pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 251801.	7.8	30
60	Measurement of the $W+W$ Production Cross Section and Search for Anomalous WW^3 and WWZ Couplings in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 7.8 201801.	7.8	64
61	Measurement of the $WW+WZ$ Production Cross Section Using the lepton+jets Final State at CDF II. Physical Review Letters, 2010, 104, 101801.	7.8	25
62	Exclusion of an Exotic Top Quark with $\frac{2}{3}$ Electric Charge Using Soft Lepton Tagging. Physical Review Letters, 2010, 105, 101801.	7.8	15
63	Measurement of W -Boson Polarization in Top-Quark Decay in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 042002.	7.8	30
64	Search for the Higgs Boson Using Neural Networks in Events with Missing Energy and b -Quark Jets in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 141801.	7.8	11
65	Measurement of the W Jet Cross Section in Events with a b -Quark in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 251801.	7.8	49
66	Measurement of the top quark mass and $pp \rightarrow t\bar{t}$ cross section in the all-hadronic mode with the CDF II detector. Physical Review D, 2010, 81, .	4.7	25
67	Search for WW and WZ Resonances Decaying to Electron, Missing E_T , and Two Jets in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 241801.	7.8	27
68	Measurement of the Ratio $\sigma(\text{tt})/\sigma(\text{t}\bar{\text{t}})$ and Precise Extraction of the tt Cross Section. Physical Review Letters, 2010, 105, 012001.	7.8	56
69	Search for New Physics with a Dijet Plus Missing E_T Signature in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 105, 131801.	7.8	10
70	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events with Missing Transverse Energy at CDF II. Physical Review Letters, 2010, 104, 011801.	7.8	32
71	Search for New Bottomlike Quark Pair Decays in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 251801.	7.8	30

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73	Observation of single top quark production and measurement of $ V_{tb} $ with CDF. Physical Review D, 2010, 82, .	4.7	77
74	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. Physical Review D, 2010, 82, .	4.7	50
75	Study of the associated production of photons and b-quark jets in $pp\bar{A}^-$ collisions at $s=1.96\text{ TeV}$. Physical Review D, 2010, 81, .	4.7	22
76	Measurement of $Z\bar{1}^3$ production in $pp\bar{A}^-$ collisions at $s=1.96\text{ TeV}$. Physical Review D, 2010, 82, .	4.7	8
77	Search for anomalous production of events with two photons and additional energetic objects at CDF. Physical Review D, 2010, 82, .	4.7	14
78	Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi}>t\langle \text{mml:mi}>\langle \text{mml:mover accent="true">\langle \text{mml:mi}>t\langle \text{mml:mi}>\langle \text{mml:mo}>\hat{A}^- \langle \text{mml:mo}>\langle \text{mml:mover}>\langle \text{mml:math}>$ production cross section in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi}>p\langle \text{mml:mi}>\langle \text{mml:mover}$	4.7	6
79	Measurement of the top quark mass in the $tt\bar{A}^-$ production channel using $\langle \text{mml:math}>$ collisions $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msub}>\langle \text{mml:mi}>m\langle \text{mml:mi}>\langle \text{mml:mrow}>\langle \text{mml:mi mathvariant="normal">T\langle \text{mml:mi}>\langle \text{mml:mn}>2\langle \text{mml:mn}>\langle \text{mml:mrow}>\langle \text{mml:msub}>\langle \text{mml:math}>$ at CDF. Physical Review D, 2010, 81, .	4.7	23
80	Measurements of branching fraction ratios and CP asymmetries in $B\hat{A}^\pm\hat{A}^\mp DCPK\hat{A}^\pm$ decays in hadron collisions. Physical Review D, 2010, 81, .	4.7	22
81	Measurements of the top-quark mass using charged particle tracking. Physical Review D, 2010, 81, .	4.7	22
82	Combined Tevatron upper limit on $g\hat{A}^\mp H\hat{A}^\mp W+W\hat{A}^-$ and constraints on the Higgs boson mass in fourth-generation fermion models. Physical Review D, 2010, 82, .	4.7	33
83	Search for single top quark production in $pp\bar{A}^-$ collisions at $s=1.96\text{ TeV}$ in the missing transverse energy plus jets topology. Physical Review D, 2010, 81, .	4.7	15
84	Inclusive Search for Squark and Gluino Production in $pp\bar{A}^-$ Collisions at $s=1.96\text{ TeV}$. Physical Review Letters, 2009, 102, 121801.	7.8	69
85	Search for High-Mass Resonances Decaying to Dimuons at CDF. Physical Review Letters, 2009, 102, 091805.	7.8	87
86	First Observation of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msubsup}>\langle \text{mml:mover accent="true">\langle \text{mml:mi}>B\langle \text{mml:mi}>\langle \text{mml:mo}>\hat{A}^- \langle \text{mml:mo}>\langle \text{mml:mover}>\langle \text{mml:mi}>s\langle \text{mml:mi}>\langle \text{mml:mn}>0\langle \text{mml:mn}>\langle \text{mml:msubsup}>$ Measurement of the Ratio of Branching Fractions $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">$ Physical Review Letters, 2009, 103, 191802.	7.8	71
87	Observation of New Charmless Decays of Bottom Hadrons. Physical Review Letters, 2009, 103, 031801.	7.8	44
88	First Observation of Vector Boson Pairs in a Hadronic Final State at the Tevatron Collider. Physical Review Letters, 2009, 103, 091803.	7.8	20
89	Search for Higgs Bosons Predicted in Two-Higgs-Doublet Models via Decays to Tau Lepton Pairs in 1.96 TeV $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi}>p\langle \text{mml:mi}>\langle \text{mml:mover accent="true">\langle \text{mml:mi}>p\langle \text{mml:mi}>\langle \text{mml:mo}>\hat{A}^- \langle \text{mml:mo}>\langle \text{mml:mover}>\langle \text{mml:math}>$ Collisions. Physical Review Letters, 2009, 103, 201801.	7.8	43
90	Direct Bound on the Total Decay Width of the Top Quark in $pp\bar{A}^-$ Collisions at $s=1.96\text{ TeV}$. Physical Review Letters, 2009, 102, 042001.	7.8	15

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91	Search for Long-Lived Massive Charged Particles in 1.96 TeV Collisions. Physical Review Letters, 2009, 103, 021802.	7.8	58
92	Search for Maximal Flavor Violating Scalars in Same-Charge Lepton Pairs in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 041801.	7.8	22
93	Direct Measurement of the Production Charge Asymmetry in W Collisions. Physical Review Letters, 2009, 103, 021802.	7.8	91
94	Search for the neutral charm to top quark decay in Z decays. Physical Review Letters, 2009, 102, 222002.	4.7	4
95	Measurement of Resonance Parameters of Orbitally Excited Narrow B_c Mesons. Physical Review Letters, 2009, 102, 102003.	7.8	40
96	Search for a Higgs Boson Decaying to Two W Bosons at CDF. Physical Review Letters, 2009, 102, 021802.	7.8	22
97	Search for anomalous production of events with a photon, jet, b-quark jet, and missing transverse energy. Physical Review D, 2009, 80, .	4.7	4
98	Search for Exclusive Z -Boson Production and Observation of High-Mass $p\bar{p} \rightarrow p\bar{p} + Z + \text{jet}$ Events in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 222002.	7.8	63
99	Evidence for a Narrow Near-Threshold Structure in the B_c Meson. Physical Review Letters, 2009, 103, 041801.	7.8	52
100	Measurement of the J/ψ Mass Spectrum in Z Decays. Physical Review Letters, 2009, 102, 242002.	7.8	275
101	Measurement of cross sections for jet production in events with a Z boson in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	4.7	29
102	Search for a Standard Model Higgs Boson in W Collisions. Physical Review Letters, 2009, 102, 151801.	7.8	33
103	Search for the Decays $B(s) \rightarrow e^+ e^- \gamma$ and $B(s) \rightarrow e^+ e^- \gamma$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.	7.8	94
104	Top quark mass measurement in the lepton plus jets channel using a modified matrix element method. Physical Review D, 2009, 79, .	4.7	15
105	Search for Top-Quark Production via Flavor-Changing Neutral Currents in W Jet Events at CDF. Physical Review Letters, 2009, 102, 151801.	7.8	57
106	Measurement of the B_c Meson Collisions Distribution of Particles in Jets Produced in W Collisions at CDF. Physical Review Letters, 2009, 102, 151801.	7.8	153
107	Search for the Decays $B(s) \rightarrow e^+ e^- \gamma$ and $B(s) \rightarrow e^+ e^- \gamma$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.	7.8	14
108	Search for the Decays $B(s) \rightarrow e^+ e^- \gamma$ and $B(s) \rightarrow e^+ e^- \gamma$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.	7.8	14

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109	Search for Gluino-Mediated Bottom Squark Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 221801.	7.8	13
110	First Measurement of the Differential Cross Section $d\sigma/dM_{t\bar{t}}$ in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 222003.	7.8	115
111	Search for new physics in the $e^+e^- \rightarrow \mu^+\mu^-$ process with a low-mass dilepton resonance. Physical Review Letters, 2009, 102, 221801.	4.7	5
112	Search for High-Mass $e^+e^- \rightarrow \mu^+\mu^-$ in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 221801.	7.8	59
113	Search for the Associated Production of the Standard-Model Higgs Boson in the All-Hadronic Channel. Physical Review Letters, 2009, 103, 221801.	7.8	10
114	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, 061803.	7.8	28
115	Measurement of the Top-Quark Mass with Dilepton Events Selected Using Neuroevolution at CDF. Physical Review Letters, 2009, 102, 152001.	7.8	42
116	Observation of Electroweak Single Top-Quark Production. Physical Review Letters, 2009, 103, 092002.	7.8	199
117	First measurement of the ratio of branching fractions $R_B = \frac{\mathcal{B}(B \rightarrow \mu^+\mu^-)}{\mathcal{B}(B \rightarrow e^+e^-)}$		

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127	Measurement of the $t\bar{t}$ cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	4.7	12
128	Search for standard model Higgs boson production in association with a W boson using a neural network discriminant at CDF. Physical Review D, 2009, 80, .	4.7	6
129	Measurement of the ratio of branching fractions $B(B \rightarrow \tau^+ \nu_\tau) / B(B \rightarrow K^+ \nu_\tau)$. Physical Review D, 2009, 79, .	4.7	3
130	Search for the rare decays $B \rightarrow \tau^+ \nu_\tau K^+$, $B \rightarrow \tau^+ \nu_\tau K^0$, and $B_s \rightarrow \tau^+ \nu_\tau K^*$ at CDF. Physical Review D, 2009, 79, .	4.7	2
131	Measurement of the $t\bar{t}$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV using dilepton events with a lepton plus track selection. Physical Review D, 2009, 79, .	4.7	13
132	Top quark mass measurement in the $t\bar{t}$ channel using a matrix element technique in all hadronic channel using a matrix element technique in $p\bar{p}$ collisions. Physical Review D, 2009, 79, .	4.7	10
133	Measurement of the top quark mass using the invariant mass of lepton pairs in soft muon b -tagged events. Physical Review D, 2009, 80, .	4.7	8
134	Search for W and Z production in lepton plus jets final state at CDF. Physical Review D, 2009, 79, .	4.7	2
135	Measurement of $t\bar{t}$ production via gluon-gluon fusion in $p\bar{p}$ collisions. Physical Review D, 2009, 79, .	4.7	12
136	Measurement of particle production and inclusive differential cross sections in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	4.7	64
137	First simultaneous measurement of the top quark mass in the lepton+jets and dilepton channels at CDF. Physical Review D, 2009, 79, .	4.7	25
138	Measurement of the b -hadron production cross section using decays to D^0 final states in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	4.7	18
139	Searching the inclusive $t\bar{t}$ signature for radiative top quark decay and non-standard model processes. Physical Review D, 2009, .	4.7	5
140	Search for hadronic decays of W and Z production in lepton plus jets final state at CDF. Physical Review D, 2009, 79, .	4.7	0
141	Measurement of the top quark mass at CDF using the $e\nu$ neutrino $t\bar{t}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2009, 79, .	4.7	10
142	Measurement of inclusive jet cross sections in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV using a template method on a lepton plus isolated jet. Physical Review D, 2009, 79, .	4.7	10
143	Search for W and Z production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 103, .	4.7	12
144	Observation of exclusive dijet production at the Fermilab Tevatron collider. Physical Review D, 2008, 77, .	4.7	70

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145	First run II measurement of the W -boson mass at the Fermilab Tevatron. Physical Review Letters, 2008, 100, 101803.	4.7	49
146	Limits on the production of narrow t -resonances in $p\bar{p}$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 101803.	4.7	35
147	First measurement of the fraction of top-quark pair production through gluon-gluon fusion. Physical Review D, 2008, 78, .	4.7	9
148	Measurement of the cross section for W -boson production in association with jets in $p\bar{p}$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 091803.	4.7	76
149	Search for heavy, long-lived neutralinos that decay to photons at CDF II using photon timing. Physical Review D, 2008, 78, .	4.7	15
150	Search for third generation vector leptoquarks in $p\bar{p}$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	4.7	16
151	Search for new heavy particles decaying to Z bosons in $p\bar{p}$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 78, .	4.7	5
152	Cross section measurements of high- p_T dilepton final-state processes using a global fitting method. Physical Review D, 2008, 78, .	4.7	8
153	Model-independent and quasi-model-independent search for new physics at CDF. Physical Review D, 2008, 78, .	4.7	40
154	First Measurement of W Boson Production in Association with a Single Charm Quark in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 091803.	7.8	35
155	Measurement of the inclusive jet cross section at the Fermilab Tevatron $p\bar{p}$ -collider using a cone-based jet algorithm. Physical Review D, 2008, 78, .	4.7	149
156	Search for $B_s \rightarrow \tau^+ \tau^-$ and $B \rightarrow \tau^+ \tau^-$ Decays with 2fb^{-1} of $p\bar{p}$ -Collisions. Physical Review Letters, 2008, 100, 101802.	7.8	10
157	Search for the Higgs Boson in Events with Missing Transverse Energy and b -Quark Jets Produced in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 101801.	7.8	17
158	Search for Standard Model Higgs Bosons Produced in Association with W Bosons. Physical Review Letters, 2008, 100, 041801.	7.8	13
159	Search for \tilde{L} and \tilde{b} in $p\bar{p}$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 101801.	7.8	15
160	Measurement of the Single-Top-Quark Production Cross Section at CDF. Physical Review Letters, 2008, 101, 252001.	7.8	45
161	Measurement of b -jet shapes in inclusive jet production in $p\bar{p}$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 101801.	4.7	11
162	Two-particle momentum correlations in jets produced in $p\bar{p}$ -collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2008, 77, .	4.7	9

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164	Forward-Backward Asymmetry in Top-Quark Production in pp Collisions $P_{FB} = \frac{1}{\sigma} \int_{-1}^1 dx \frac{d\sigma}{dx} x$	7.8	187
165	Search for W boson at pp collisions $W \rightarrow e\nu$ Physical Review D, 2008, 77, .	4.7	30
166	First Observation of the Decay $B_s \rightarrow D_s \gamma$ and Measurement of Its Branching Ratio. Physical Review Letters, 2008, 100, 021803. Search for Supersymmetry in pp Collisions $pp \rightarrow \tilde{t}\tilde{t}^* \rightarrow t\bar{t} + X$	7.8	16
167	Search for the Trilepton Signature for Chargino-Neutralino Production. Physical Review Letters, 2008, 101, 251801.	7.8	56
168	Strong Evidence for ZZ Production in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 201801.	7.8	30
169	Search for standard model Higgs boson production in association with a W boson at CDF. Physical Review D, 2008, 78, .	4.7	10
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171	Measurement of Lifetime and Decay-Width Difference in $B_s \rightarrow J/\psi l \bar{l}$ Decays. Physical Review Letters, 2008, 100, 121803. Search for Resonant $t\bar{t}$ Production $pp \rightarrow t\bar{t} \rightarrow b\bar{b} + X$	7.8	39
172	Observation of Orbitally Excited B Mesons. Physical Review Letters, 2008, 100, 082001.	7.8	41
173	Search for Heavy Toplike Quarks Using Lepton Plus Jets Events in 1.96 TeV pp Collisions. Physical Review Letters, 2008, 100, 161803.	7.8	31
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176	Evidence for $B \rightarrow K^* \mu^+ \mu^-$ Collisions $B \rightarrow K^* \mu^+ \mu^-$	7.8	60
177	Using the CDF II Detector. Physical Review Letters, 2008, 100, 121802. Observation of the Decay $B \rightarrow K^* \mu^+ \mu^-$ $B \rightarrow K^* \mu^+ \mu^-$	7.8	100
178	Measurement of the $B \rightarrow K^* \mu^+ \mu^-$ Collisions $B \rightarrow K^* \mu^+ \mu^-$ Physical Review Letters, 2008, 100, 182002.	7.8	106
179	Transverse Energy Produced in pp Collisions $pp \rightarrow X + E_T$ First Flavor-Tagged Determination of Bounds on Mixing-Induced $B \rightarrow K^* \mu^+ \mu^-$ $B \rightarrow K^* \mu^+ \mu^-$	7.8	81
180	Search for $B \rightarrow K^* \mu^+ \mu^-$ Violation in pp Collisions $B \rightarrow K^* \mu^+ \mu^-$ Physical Review Letters, 2008, 100, 161802.	7.8	179

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183	Analysis of the Quantum Numbers of the $X(3872)$ Particle. Physical Review Letters, 2007, 98, 132002.	7.8	193
184	Measurement of the $p\bar{p} \rightarrow t\bar{t}$ production cross section and the top quark mass at $\sqrt{s} = 1.96$ TeV in the all-hadronic decay mode. Physical Review D, 2007, 76, .	4.7	24
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188	Measurement of the Ratios of Branching Fractions $B(B_s \rightarrow D_s \gamma) / B(B \rightarrow D \gamma)$ and $B(B_s \rightarrow D_s \gamma) / B(B \rightarrow D \gamma)$. Physical Review Letters, 2007, 98, 061802.	7.8	192
189	Measurement of the inclusive jet cross section using the k_T algorithm in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV with the CDF II detector. Physical Review D, 2007, 75, .	4.7	114
190	Measurement of $f_1(p \rightarrow \pi^+ Z) / f_1(p \rightarrow \pi^+ \gamma)$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	4.7	24
191	Search for Chargino-Neutralino Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 191806.	7.8	11
192	Search for $V+A$ Current in Top-Quark Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 072001.	7.8	22
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195	Measurement of $f_1(p \rightarrow \pi^+ Z) / f_1(p \rightarrow \pi^+ \gamma)$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 122002.	7.8	23
196	Search for Anomalous Production of Multilepton Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 131804.	7.8	15
197	Search for New Physics Leading to $Z \rightarrow \text{jets}$ final states in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 99, 202001.	4.7	30
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205	Observation of WZ Production. Physical Review Letters, 2007, 98, 161801.	7.8	36
206	Search for High-Mass Diphoton States and Limits on Randall-Sundrum Gravitons at CDF. Physical Review Letters, 2007, 99, 171801.	7.8	19
207	First Measurement of the Ratio of Central-Electron to Forward-Electron W Partial Cross Sections in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 251801.	7.8	2
208	Measurement of $\frac{\sigma(\bar{p}p \rightarrow B(\bar{t}t) + \bar{t}t) / \sigma(\bar{p}p \rightarrow B(\bar{t}t))}{\sigma(\bar{p}p \rightarrow B(\bar{t}t) + \bar{t}t) / \sigma(\bar{p}p \rightarrow \bar{t}t)}$ in $p\bar{p}$ -Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 231801.	7.8	10
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219	Measurement of the top-quark mass using missing E_T + jet events with secondary vertex b-tagging at CDF II. Physical Review D, 2007, 75, .	4.7	7
220	Observation of $B_s \rightarrow B_s^0$ oscillations. Physical Review Letters, 2006, 97, 242003.	7.8	311
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222	Measurement of the helicity of W bosons in top-quark decays. Physical Review D, 2006, 73, .	4.7	21
223	Measurement of the ratio of branching fractions $B(D \rightarrow K^+ K^0) / B(D \rightarrow K^+ K^0)$ using the CDF II detector. Physical Review D, 2006, 74, .	4.7	13
224	Search for second-generation scalar leptoquarks in $pp \rightarrow \tau^+ \tau^-$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2006, 73, .	4.7	21
225	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b-tags in $pp \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2006, 73, .	4.7	22
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240	Measurement of the Inclusive Jet Cross Section Using the k_T Algorithm in $\text{pp} \hat{-} \text{Collisions at } s=1.96 \hat{\text{e}} \hat{\text{e}} \text{TeV}$. Physical Review Letters, 2006, 96, 122001.	7.8	49
241	Search for Neutral Higgs Bosons of the Minimal Supersymmetric Standard Model Decaying to $\bar{l} \bar{l}$ Pairs in $\text{pp} \hat{-} \text{Collisions at } s=1.96 \hat{\text{e}} \hat{\text{e}} \text{TeV}$. Physical Review Letters, 2006, 96, 011802.	7.8	63
242	Top-Quark Mass Measurement from Dilepton Events at CDF II. Physical Review Letters, 2006, 96, 152002.	7.8	25
243	Measurement of the $t \hat{-}$ Production Cross Section in $\text{pp} \hat{-} \text{Collisions at } s=1.96 \hat{\text{e}} \hat{\text{e}} \text{TeV}$ Using Missing ET + jets Events with Secondary Vertex Tagging. Physical Review Letters, 2006, 96, 202002.	7.8	16
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251	Measurement of the Dipion Mass Spectrum in $X(3872) \hat{+} J/\psi \bar{l} \hat{+} \bar{l} \hat{+} \bar{l} \hat{+}$ Decays. Physical Review Letters, 2006, 96, 102002.	7.8	121
252	Search for Higgs Bosons Decaying to $b \bar{b}$ and Produced in Association with W Bosons in $\text{pp} \hat{-} \text{Collisions at } s=1.96 \hat{\text{e}} \hat{\text{e}} \text{TeV}$. Physical Review Letters, 2006, 96, 081803.	7.8	9

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254	Search for Charged Higgs Bosons from Top Quark Decays in $pp\hat{A}^{-}$ Collisions at $\sqrt{s}=1.96\hat{a}\epsilon\% \hat{a}\epsilon\% \text{TeV}$. Physical Review Letters, 2006, 96, 042003.	7.8	103
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264	Evidence for $B_s0\hat{a}^{\dagger}\tilde{\nu}\tilde{\nu}$ Decay and Measurements of Branching Ratio and ACP for $B+\hat{a}^{\dagger}\tilde{\nu}K+$. Physical Review Letters, 2005, 95, 031801.	7.8	33
265	Search for $B_s0\hat{a}^{\dagger}\hat{1}/4+\hat{1}/4\hat{a}^{\sim}$ and $Bd0\hat{a}^{\dagger}\hat{1}/4+\hat{1}/4\hat{a}^{\sim}$ Decays in $pp\hat{A}^{-}$ Collisions with CDF II. Physical Review Letters, 2005, 95, 221805	7.8	36
266	Search for Long-Lived Doubly Charged Higgs Bosons in $pp\hat{A}^{-}$ Collisions at $\sqrt{s}=1.96\hat{a}\epsilon\% \hat{a}\epsilon\% \text{TeV}$. Physical Review Letters, 2005, 95, 071801.	7.8	28
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269	Search for scalar leptoquark pairs decaying to $t\hat{1}/2\hat{1}/2\hat{A}^{-}qq\hat{A}^{-}$ in $pp\hat{A}^{-}$ collisions at $\sqrt{s}=1.96\hat{a}\epsilon\% \hat{a}\epsilon\% \text{TeV}$. Physical Review D, 2005, 71, .	4.7	7
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