

Alan Sill

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

447
papers

30,145
citations

77
h-index

158
g-index

454
ext. papers

32,162
ext. citations

5.6
avg, IF

6.39
L-index

#	Paper	IF	Citations
447	RadarViewer ³ Visualizing the dynamics of multivariate data 2020 ,		2
446	Redfish Green500 Benchmark (RGB): Towards Automation of the Green500 Process for Data Centers 2020 ,		1
445	Assessment of financial returns on investments in cyberinfrastructure facilities 2019 ,		3
444	Assessment of non-financial returns on cyberinfrastructure 2019 ,		1
443	Reengineering Cloud Data Centers. <i>IEEE Cloud Computing</i> , 2018 , 5, 26-27		
442	Standards at the Edge of the Cloud. <i>IEEE Cloud Computing</i> , 2017 , 4, 63-67		8
441	Forecasting Cloud Standards Success Patterns. <i>IEEE Cloud Computing</i> , 2017 , 4, 56-60		2
440	Blockchain Standards for Compliance and Trust. <i>IEEE Cloud Computing</i> , 2017 , 4, 84-90		121
439	Validation of Redfish 2017 ,		3
438	Hadron detection with a dual-readout fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017 , 866, 76-90	1.2	10
437	Cloud Native Standards and Call for Community Participation. <i>IEEE Cloud Computing</i> , 2017 , 4, 56-61		
436	Benchmarking Automated Hardware Management Technologies for Modern Data Centers and Cloud Environments 2017 ,		2
435	Cloud, Data, and Business Process Standards for Manufacturing. <i>IEEE Cloud Computing</i> , 2016 , 3, 74-80		3
434	The Design and Architecture of Microservices. <i>IEEE Cloud Computing</i> , 2016 , 3, 76-80		46
433	The small-angle performance of a dual-readout fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016 , 808, 41-53	1.2	6
432	Cloud Standards as Roadmaps for Migration. <i>IEEE Cloud Computing</i> , 2016 , 3, 64-70		1
431	Standards for Hybrid Clouds. <i>IEEE Cloud Computing</i> , 2016 , 3, 92-95		4

430	Standards Underlying Cloud Networking. <i>IEEE Cloud Computing</i> , 2016 , 3, 76-80		7
429	Cloud benchmarking in bare-metal, virtualized, and containerized execution environments 2016 ,		1
428	Hardware Analogies to Cloud Software Standards Development. <i>IEEE Cloud Computing</i> , 2016 , 3, 84-88		1
427	Invention, Innovation, and New APIs. <i>IEEE Cloud Computing</i> , 2015 , 2, 6-9		3
426	. <i>IEEE Cloud Computing</i> , 2015 , 2, 72-75		4
425	Emerging Standards and Organizational Patterns in Cloud Computing. <i>IEEE Cloud Computing</i> , 2015 , 2, 72-76		7
424	Socioeconomics of Cloud Standards. <i>IEEE Cloud Computing</i> , 2015 , 2, 8-11		8
423	When to Use Standards-Based APIs (Part 1). <i>IEEE Cloud Computing</i> , 2015 , 2, 76-80		58
422	When to Use Standards-Based APIs (Part 2). <i>IEEE Cloud Computing</i> , 2015 , 2, 80-84		4
421	Guest Editors Introduction: Special Issue on Interoperability, Federation Frameworks and Application Programming Interfaces for IaaS Clouds. <i>Journal of Grid Computing</i> , 2014 , 12, 1-2	4.2	4
420	The Role of Communities in Developing Cloud Standards. <i>IEEE Cloud Computing</i> , 2014 , 1, 16-19		5
419	Setting Cloud Standards in a New World. <i>IEEE Cloud Computing</i> , 2014 , 1, 50-53		1
418	Defining Our Terms. <i>IEEE Cloud Computing</i> , 2014 , 1, 86-89		4
417	Lessons from Monte Carlo simulations of the performance of a dual-readout fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 762, 100-118	1.2	10
416	Particle identification in the longitudinally unsegmented RD52 calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 735, 120-129	1.2	20
415	The electromagnetic performance of the RD52 fiber calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 735, 130-144	1.2	23
414	A design space for dynamic service level agreements in OpenStack. <i>Journal of Cloud Computing: Advances, Systems and Applications</i> , 2014 , 3,	3.2	4
413	Cloud Standards and the Spectrum of Development. <i>IEEE Cloud Computing</i> , 2014 , 1, 15-19		4

412	Factors in Development and Adoption of New Cloud Software and Standards. <i>IEEE Cloud Computing</i> , 2014 , 1, 10-13		2
411	Measurement of the charge asymmetry in top-quark pair production in proton-proton collisions at $\sqrt{s}=7\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 709, 28-49	4.2	59
410	Combined results of searches for the standard model Higgs boson in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 26-48	4.2	437
409	Search for the standard model Higgs boson decaying to $\tau\tau$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 91-113	4.2	83
408	Measurement of isolated photon production in pp and PbPb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 256-277	4.2	111
407	Search for the standard model Higgs boson decaying to bottom quarks in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 284-306	4.2	57
406	Search for the standard model Higgs boson decaying into two photons in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 710, 403-425	4.2	138
405	Search for large extra dimensions in dimuon and dielectron events in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 711, 15-34	4.2	16
404	Study of high-p _T charged particle suppression in PbPb compared to pp collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	316
403	Centrality dependence of dihadron correlations and azimuthal anisotropy harmonics in PbPb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	158
402	Jet production rates in association with W and Z bosons in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	37
401	Exclusive $b\bar{b}$ production in proton-proton collisions at $\sqrt{s}=7\text{TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	45
400	Inclusive b-jet production in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	30
399	Search for quark compositeness in dijet angular distributions from pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	12
398	Suppression of non-prompt J/ψ and $\Upsilon(1S)$ in PbPb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	184
397	Measurement of the cross section for production of $(\bar{b}X)$ decaying to muons in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	3
396	Measurement of the $Z/\gamma + b$ -jet cross section in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	24
395	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $\sqrt{s}=7\text{TeV}$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	27

394	Observation of a new boson at a mass of 125 GeV with the CMS experiment at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 716, 30-61	4.2	5161
393	Measurement of the rapidity and transverse momentum distributions of Z bosons in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	77
392	A new boson with a mass of 125 GeV observed with the CMS experiment at the Large Hadron Collider. <i>Science</i> , 2012 , 338, 1569-75	33.3	71
391	Detection of electron showers in dual-readout crystal calorimeters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012 , 686, 125-135	1.2	11
390	Search for neutral Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 68-90	4.2	111
389	Measurement of the underlying event in the Drell-Yan process in proton-proton collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	30
388	Ratios of dijet production cross sections as a function of the absolute difference in rapidity between jets in proton-proton collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	17
387	Performance of CMS muon reconstruction in pp collision events at $\sqrt{s} = 7$ TeV. <i>Journal of Instrumentation</i> , 2012 , 7, P10002-P10002	1	398
386	Search for signatures of extra dimensions in the diphoton mass spectrum at the large hadron collider. <i>Physical Review Letters</i> , 2012 , 108, 111801	7.4	53
385	Forward energy flow, central charged-particle multiplicities, and pseudorapidity gaps in W and Z boson events from pp collisions at $(\sqrt{s}= 7)$ TeV. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	11
384	J/ψ and ψ(2S) production in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	69
383	Search for the standard model Higgs boson in the $H \rightarrow ZZ \rightarrow 4\ell$ decay channel in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	11
382	Search for a Higgs boson in the decay channel $H \rightarrow ZZ^* \rightarrow q(\overline{q}) \ell\ell$ in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	21
381	Search for microscopic black holes in pp collisions at $(\sqrt{s} = 7 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	34
380	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 $(\sqrt{s} = 7 \text{ TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	13
379	Search for the standard model Higgs boson in the decay channel $H \rightarrow ZZ \rightarrow 4\ell$ in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2012 , 108, 111804	7.4	85
378	Inclusive search for squarks and gluinos in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2012 , 85,	4.9	40
377	Performance of $\bar{\nu}_\tau$ -lepton reconstruction and identification in CMS. <i>Journal of Instrumentation</i> , 2012 , 7, P01001-P01001	1	81

376	Measurement of dijet angular distributions and search for quark compositeness in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 201804	7.4	45
375	Missing transverse energy performance of the CMS detector. <i>Journal of Instrumentation</i> , 2011 , 6, P09001-P09004		
374	Measurement of W and Z production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 535-555	4.2	38
373	Measurement of the ratio of the 3-jet to 2-jet cross sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 702, 336-354	4.2	13
372	Search for first generation scalar leptoquarks in the $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 703, 246-266	4.2	11
371	Search for resonances in the dijet mass spectrum from 7 TeV pp collisions at CMS. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 123-142	4.2	111
370	A search for excited leptons in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 143-162	4.2	8
369	Search for physics beyond the standard model using multilepton signatures in $\sqrt{s} = 7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 704, 411-433	4.2	28
368	Prompt and non-prompt J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	118
367	Measurement of the $\bar{t}t$ production cross section in pp collisions at $\sqrt{s} = 7$ TeV using the kinematic properties of events with leptons and jets. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	35
366	Charged particle multiplicities in pp interactions at $\sqrt{s} = 0.9, 2.36, \text{ and } 7$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	89
365	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	104
364	Inclusive b-hadron production cross section with muons in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	21
363	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	5.4	27
362	Measurement of the lepton charge asymmetry in inclusive W production in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	38
361	Search for resonances in the dilepton mass distribution in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	32
360	Search for supersymmetry in events with a lepton, a photon, and large missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	10
359	Long-range and short-range dihadron angular correlations in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	56

358	Search for light resonances decaying into pairs of muons as a signal of new physics. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	12
357	Search for supersymmetry in events with b jets and missing transverse momentum at the LHC. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	28
356	Search for same-sign top-quark pair production at ($\sqrt{s} = 7$) TeV and limits on flavour changing neutral currents in the top sector. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	39
355	Charged particle transverse momentum spectra in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	44
354	Search for new physics with jets and missing transverse momentum in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	46
353	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	5-4	32
352	Measurement of the underlying event activity at the LHC with ($\sqrt{s} = 7$) TeV and comparison with ($\sqrt{s} = 0.9$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	70
351	Measurement of the Drell-Yan cross section in pp collisions at ($\sqrt{s} = 7$) TeV. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	32
350	Measurement of the inclusive W and Z production cross sections in pp collisions at ($\sqrt{s} = 7$) TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5-4	121
349	Measurement of the $t\bar{t}$ production cross section in pp collisions at 7 TeV in lepton+jets events using b-quark jet identification. <i>Physical Review D</i> , 2011 , 84,	4-9	44
348	Upsilon production cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2011 , 83,	4-9	77
347	Measurement of the differential cross section for isolated prompt photon production in pp collisions at 7 TeV. <i>Physical Review D</i> , 2011 , 84,	4-9	45
346	Measurement of the B_s^0 Production Cross Section with $B_s^0 \rightarrow J/\psi$ Decays in pp Collisions at $\sqrt{s}=7$ TeV. <i>Physical Review D</i> , 2011 , 84,	4-9	31
345	Observation and studies of jet quenching in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review C</i> , 2011 , 84,	2-7	395
344	Indications of suppression of excited χ states in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 052302	7-4	137
343	Polarization as a tool for dual-readout calorimetry. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 638, 47-54	1-2	10
342	A comparison of BGO and BSO crystals used in the dual-readout mode. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 640, 91-98	1-2	23
341	First measurement of the cross section for top-quark pair production in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 695, 424-443	4-2	79

340	Search for microscopic black hole signatures at the Large Hadron Collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 697, 434-453	4.2	61
339	Search for a heavy gauge boson . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 21-39	4.2	26
338	Search for supersymmetry in pp collisions at 7 TeV in events with jets and missing transverse energy. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 698, 196-218	4.2	166
337	Measurement of $W+W\bar{\nu}$ production and search for the Higgs boson in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 25-47	4.2	86
336	First measurement of hadronic event shapes in pp collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 699, 48-67	4.2	35
335	Measurement of the differential dijet production cross section in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 700, 187-206	4.2	44
334	Search for a . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 160-179	4.2	26
333	Search for a heavy bottom-like quark in pp collisions at . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 204-223	4.2	28
332	Measurement of the isolated prompt photon production cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 082001	7.4	57
331	Measurement of the $B(+)$ production cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 112001	7.4	59
330	Search for $B(s)(0) \rightarrow \mu \bar{\nu}$ and $B(0) \rightarrow \mu \bar{\nu}$ decays in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 191802	7.4	44
329	Search for pair production of second-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 201803	7.4	13
328	Search for supersymmetry at the LHC in events with jets and missing transverse energy. <i>Physical Review Letters</i> , 2011 , 107, 221804	7.4	188
327	Study of Z Boson Production in PbPb Collisions at $\sqrt{s}(NN)=2.76$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 212301	7.4	66
326	Search for supersymmetry in pp collisions at \sqrt{s} TeV in events with two photons and missing transverse energy. <i>Physical Review Letters</i> , 2011 , 106, 211802	7.4	45
325	Search for pair production of first-generation scalar leptoquarks in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 201802	7.4	17
324	Measurement of the weak mixing angle with the Drell-Yan process in proton-proton collisions at the LHC. <i>Physical Review D</i> , 2011 , 84,	4.9	42
323	Search for new physics with a monojet and missing transverse energy in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 201804	7.4	49

3 ²²	Search for a vectorlike quark with charge 2/3 in t+Z events from pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 271802	7.4	53
3 ²¹	Measurement of the inclusive jet cross section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 132001	7.4	94
3 ²⁰	Measurement of the B0 production cross section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 252001	7.4	48
3 ¹⁹	Search for three-jet resonances in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 101801	7.4	34
3 ¹⁸	Publisher's Note: Search for Dijet Resonances in 7 TeV pp Collisions at CMS [Phys. Rev. Lett. 105, 211801 (2010)]. <i>Physical Review Letters</i> , 2011 , 106,	7.4	9
3 ¹⁷	Search for neutral minimal supersymmetric standard model Higgs bosons decaying to tau pairs in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 231801	7.4	63
3 ¹⁶	Dijet azimuthal decorrelations in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 122003	7.4	48
3 ¹⁵	Measurement of the polarization of W bosons with large transverse momenta in W + jets events at the LHC. <i>Physical Review Letters</i> , 2011 , 107, 021802	7.4	37
3 ¹⁴	Measurement of the t-channel single top quark production cross section in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 091802	7.4	63
3 ¹³	Search for stopped Gluinos in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 011801	7.4	38
3 ¹²	Determination of jet energy calibration and transverse momentum resolution in CMS. <i>Journal of Instrumentation</i> , 2011 , 6, P11002-P11002	1	463
3 ¹¹	Identification and filtering of uncharacteristic noise in the CMS hadron calorimeter. <i>Journal of Instrumentation</i> , 2010 , 5, T03014-T03014	1	34
3 ¹⁰	Search for quark compositeness with the dijet centrality ratio in pp collisions at $\sqrt{s}=7$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 262001	7.4	35
3 ⁰⁹	First measurement of Bose-Einstein correlations in proton-proton collisions at $\sqrt{s}=0.9$ and 2.36 TeV at the LHC. <i>Physical Review Letters</i> , 2010 , 105, 032001	7.4	44
3 ⁰⁸	Transverse-momentum and pseudorapidity distributions of charged hadrons in pp collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 022002	7.4	353
3 ⁰⁷	Search for dijet resonances in 7 TeV pp collisions at CMS. <i>Physical Review Letters</i> , 2010 , 105, 211801	7.4	116
3 ⁰⁶	Performance and operation of the CMS electromagnetic calorimeter. <i>Journal of Instrumentation</i> , 2010 , 5, T03010-T03010	1	31
3 ⁰⁵	Time reconstruction and performance of the CMS electromagnetic calorimeter. <i>Journal of Instrumentation</i> , 2010 , 5, T03011-T03011	1	14

304	Performance of CMS hadron calorimeter timing and synchronization using test beam, cosmic ray, and LHC beam data. <i>Journal of Instrumentation</i> , 2010 , 5, T03013-T03013	1	5
303	Performance of the CMS drift tube chambers with cosmic rays. <i>Journal of Instrumentation</i> , 2010 , 5, T03015-T03015		
302	Calibration of the CMS drift tube chambers and measurement of the drift velocity with cosmic rays. <i>Journal of Instrumentation</i> , 2010 , 5, T03016-T03016	1	2
301	Performance study of the CMS barrel resistive plate chambers with cosmic rays. <i>Journal of Instrumentation</i> , 2010 , 5, T03017-T03017	1	8
300	Performance of the CMS cathode strip chambers with cosmic rays. <i>Journal of Instrumentation</i> , 2010 , 5, T03018-T03018	1	4
299	Aligning the CMS muon chambers with the muon alignment system during an extended cosmic ray run. <i>Journal of Instrumentation</i> , 2010 , 5, T03019-T03019	1	4
298	Measurement of the muon stopping power in lead tungstate. <i>Journal of Instrumentation</i> , 2010 , 5, P03007-P03007		
297	Performance of the CMS Level-1 trigger during commissioning with cosmic ray muons and LHC beams. <i>Journal of Instrumentation</i> , 2010 , 5, T03002-T03002	1	4
296	Performance of the CMS drift-tube chamber local trigger with cosmic rays. <i>Journal of Instrumentation</i> , 2010 , 5, T03003-T03003	1	1
295	Commissioning and performance of the CMS silicon strip tracker with cosmic ray muons. <i>Journal of Instrumentation</i> , 2010 , 5, T03008-T03008	1	15
294	Alignment of the CMS silicon tracker during commissioning with cosmic rays. <i>Journal of Instrumentation</i> , 2010 , 5, T03009-T03009	1	35
293	Commissioning of the CMS experiment and the cosmic run at four tesla. <i>Journal of Instrumentation</i> , 2010 , 5, T03001-T03001	1	15
292	Fine synchronization of the CMS muon drift-tube local trigger using cosmic rays. <i>Journal of Instrumentation</i> , 2010 , 5, T03004-T03004	1	2
291	Commissioning of the CMS High-Level Trigger with cosmic rays. <i>Journal of Instrumentation</i> , 2010 , 5, T03005-T03005		
290	Performance of the CMS hadron calorimeter with cosmic ray muons and LHC beam data. <i>Journal of Instrumentation</i> , 2010 , 5, T03012-T03012	1	17
289	Alignment of the CMS muon system with cosmic-ray and beam-halo muons. <i>Journal of Instrumentation</i> , 2010 , 5, T03020-T03020	1	8
288	Precise mapping of the magnetic field in the CMS barrel yoke using cosmic rays. <i>Journal of Instrumentation</i> , 2010 , 5, T03021-T03021	1	16
287	Performance of CMS muon reconstruction in cosmic-ray events. <i>Journal of Instrumentation</i> , 2010 , 5, T03022-T03022		

286	CMS data processing workflows during an extended cosmic ray run. <i>Journal of Instrumentation</i> , 2010 , 5, T03006-T03006	1	2
285	Commissioning and performance of the CMS pixel tracker with cosmic ray muons. <i>Journal of Instrumentation</i> , 2010 , 5, T03007-T03007	1	17
284	Study of various photomultiplier tubes with muon beams and Brekrov light produced in electron showers. <i>Journal of Instrumentation</i> , 2010 , 5, P06002-P06002	1	3
283	First measurement of the underlying event activity at the LHC with $\sqrt{s} = 0.9$ TeV. <i>European Physical Journal C</i> , 2010 , 70, 555-572	4.2	36
282	CMS tracking performance results from early LHC operation. <i>European Physical Journal C</i> , 2010 , 70, 1165-1192	4.1	99
281	Observation of long-range, near-side angular correlations in proton-proton collisions at the LHC. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	389
280	Measurement of the charge ratio of atmospheric muons with the CMS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 692, 83-104	4.2	32
279	Optimization of crystals for applications in dual-readout calorimetry. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 621, 212-221	1.2	14
278	New crystals for dual-readout calorimetry. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 604, 512-526	1.2	22
277	Dual-readout calorimetry with a full-size BGO electromagnetic section. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 610, 488-501	1.2	14
276	The CMS experiment at the CERN LHC. <i>Journal of Instrumentation</i> , 2008 , 3, S08004-S08004	1	1276
275	CMS Physics Technical Design Report, Volume II: Physics Performance. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, 995-1579	2.9	602
274	CMS Physics Technical Design Report: Addendum on High Density QCD with Heavy Ions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, 2307-2455	2.9	99
273	Evidence for the exclusive decay $B(c)^+ \rightarrow J/\psi \pi^+$ and measurement of the mass of the $B(c)^+$ meson. <i>Physical Review Letters</i> , 2006 , 96, 082002	7.4	69
272	Precision top-quark mass measurement in the lepton+jets topology in p p collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 022004	7.4	30
271	Measurement of the inclusive jet cross section using the kT algorithm in pp collisions at (square root s)=1.96 TeV. <i>Physical Review Letters</i> , 2006 , 96, 122001	7.4	33
270	Search for neutral Higgs bosons of the minimal supersymmetric standard model decaying to tau pairs in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 011802	7.4	61
269	Top-quark mass measurement from dilepton events at CDF II. <i>Physical Review Letters</i> , 2006 , 96, 152002	7.4	21

268	Measurement of the tt production cross section in pp collisions at square root $s = 1.96$ TeV using missing $E(T) +$ jets events with secondary vertex b tagging. <i>Physical Review Letters</i> , 2006 , 96, 202002	7.4	14
267	Measurement of the dipion mass spectrum in decays. <i>Physical Review Letters</i> , 2006 , 96, 102002	7.4	104
266	Search for Higgs bosons decaying to bb and produced in association with W bosons in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 081803	7.4	9
265	Search for charged Higgs bosons from top quark decays in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 042003	7.4	101
264	Direct search for Dirac magnetic monopoles in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 96, 201801	7.4	37
263	Search for scalar bottom quarks from gluino decays in collisions at. <i>Physical Review Letters</i> , 2006 , 96, 171802	7.4	11
262	Measurement of bottom-quark hadron masses in exclusive J/psi decays with the CDF detector. <i>Physical Review Letters</i> , 2006 , 96, 202001	7.4	78
261	Measurement of the azimuthal angle distribution of leptons from W boson decays as a function of the W transverse momentum in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	8
260	Measurement of the helicity of W bosons in top-quark decays. <i>Physical Review D</i> , 2006 , 73,	4.9	17
259	Search for second-generation scalar leptoquarks in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	21
258	Measurement of the top quark mass with the dynamical likelihood method using lepton plus jets events with b-tags in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2006 , 73,	4.9	20
257	Measurement of the inclusive jet cross section in pp interactions at $s=1.96$ TeV using a cone-based jet algorithm. <i>Physical Review D</i> , 2006 , 74,	4.9	30
256	Search for anomalous semileptonic decay of heavy flavor hadrons produced in association with a W boson at CDF II. <i>Physical Review D</i> , 2006 , 73,	4.9	3
255	Top quark mass measurement using the template method in the lepton+jets channel at CDF II. <i>Physical Review D</i> , 2006 , 73,	4.9	112
254	A search for $t \rightarrow \bar{q}$ in tt production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 639, 172-178	4.2	9
253	KS0 and $\bar{0}$ production studies in pp collisions at $s=1800$ and 630 GeV. <i>Physical Review D</i> , 2005 , 72,	4.9	23
252	Comparison of three-jet events in pp collisions at $s=1.8$ TeV to predictions from a next-to-leading order QCD calculation. <i>Physical Review D</i> , 2005 , 71,	4.9	3
251	Measurement of the forward-backward charge asymmetry from $W \rightarrow e\bar{\nu}$ production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	61

250	Study of jet shapes in inclusive jet production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	58
249	Measurements of bottom-antibottom azimuthal production correlations in proton-antiproton collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	25
248	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using lepton plus jets events with semileptonic B decays to muons. <i>Physical Review D</i> , 2005 , 72,	4.9	31
247	Search for scalar leptoquark pairs decaying to lq in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	7
246	Search for $B^0 \rightarrow p\bar{l}$ and $B^0 \rightarrow pK$ decays in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 72,	4.9	3
245	Measurement of the J/ψ meson and b-hadron production cross sections in pp collisions at $s=1.96$ GeV. <i>Physical Review D</i> , 2005 , 71,	4.9	596
244	Search for first-generation scalar leptoquarks in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 72,	4.9	24
243	Measurement of the moments of the hadronic invariant mass distribution in semileptonic B decays. <i>Physical Review D</i> , 2005 , 71,	4.9	27
242	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using kinematic fitting of b-tagged lepton+jet events. <i>Physical Review D</i> , 2005 , 71,	4.9	28
241	Search for ZZ and ZW production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	7
240	Search for anomalous production of diphoton events with missing transverse energy at CDF and limits on gauge-mediated supersymmetry-breaking models. <i>Physical Review D</i> , 2005 , 71,	4.9	21
239	Search for electroweak single-top-quark production in pp collisions at $s=1.96$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	32
238	Measurement of the W boson polarization in top decay at CDF at $s=1.8$ TeV. <i>Physical Review D</i> , 2005 , 71,	4.9	22
237	Search for excited and exotic electrons in the $e\gamma$ decay channel in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 101802	7.4	25
236	Measurement of the $t\bar{t}$ production cross section in pp collisions at $s=1.96$ TeV using lepton + jets events with secondary vertex b-tagging. <i>Physical Review D</i> , 2005 , 71,	4.9	217
235	Publisher's Note: Measurement of the W boson polarization in top decay at CDF at $s=1.8$ TeV [Phys. Rev. D 71, 031101 (2005)]. <i>Physical Review D</i> , 2005 , 71,	4.9	3
234	Measurement of the cross section for $t\bar{t}$ production in pp collisions using the kinematics of lepton+jets events. <i>Physical Review D</i> , 2005 , 72,	4.9	34
233	Measurement of the $W^{(+)}W^{(-)}$ production cross section in pp collisions at square root $\sqrt{s}=1.96$ TeV using dilepton events. <i>Physical Review Letters</i> , 2005 , 94, 211801	7.4	23

232	Publisher's Note: Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B_d^0 \rightarrow \mu^+ \mu^-$ Decays in pp Collisions with CDF II [Phys. Rev. Lett. 95, 221805 (2005)]. <i>Physical Review Letters</i> , 2005 , 95,	7.4	8
231	Measurement of $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ at the collider detector at Fermilab. <i>Physical Review Letters</i> , 2005 , 95, 102002	7.4	38
230	Search for new physics using high-mass tau pairs from 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2005 , 95, 131801	7.4	38
229	Measurement of the lifetime difference between B_s mass eigenstates. <i>Physical Review Letters</i> , 2005 , 94, 101803	7.4	50
228	Search for new high-mass particles decaying to Lepton pairs in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 252001	7.4	39
227	Search for supersymmetric Higgs bosons in the di-tau decay mode in pp collisions at $s = 1.8$ TeV. <i>Physical Review D</i> , 2005 , 72,	4.9	8
226	Search for [corrected] $B^0(s) \rightarrow \mu^+ \mu^-$ and $B^0(d)$ [corrected] $\rightarrow \mu^+ \mu^-$ decays in pp collisions with CDF II. <i>Physical Review Letters</i> , 2005 , 95, 221805	7.4	33
225	Measurement of charged-particle multiplicities in gluon and quark jets in pp collisions at square root of $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 171802	7.4	13
224	First measurements of inclusive W and Z cross sections from run II of the Fermilab Tevatron collider. <i>Physical Review Letters</i> , 2005 , 94, 091803	7.4	97
223	Measurement of the cross section for prompt diphoton production in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 95, 022003	7.4	33
222	Measurement of partial widths and search for direct CP violation in D^0 meson decays to $K^+ K^-$ and $\pi^+ \pi^-$. <i>Physical Review Letters</i> , 2005 , 94, 122001	7.4	36
221	Measurement of W and Z production in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2005 , 94, 041803	7.4	30
220	Observation of the narrow state $X(3872) \rightarrow J/\psi \pi^+ \pi^-$ in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2004 , 93, 072001	7.4	469
219	Search for doubly charged Higgs bosons decaying to dileptons in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2004 , 93, 221802	7.4	88
218	Measurement of the average time-integrated mixing probability of b-flavored hadrons produced at the Fermilab Tevatron. <i>Physical Review D</i> , 2004 , 69,	4.9	14
217	Search for $B^0_s \rightarrow \mu^+ \mu^-$ and $B^0_d \rightarrow \mu^+ \mu^-$ decays in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2004 , 93, 032001	7.4	57
216	Search for Kaluza-Klein graviton emission in pp collisions at square root $[s] = 1.8$ TeV using the missing energy signature. <i>Physical Review Letters</i> , 2004 , 92, 121802	7.4	21
215	Optimized search for single-top-quark production at the Fermilab Tevatron. <i>Physical Review D</i> , 2004 , 69,	4.9	24

214	Measurement of the polar-angle distribution of leptons from W boson decay as a function of the W transverse momentum in pp collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review D</i> , 2004 , 70,	4.9	9
213	Underlying event in hard interactions at the Fermilab Tevatron p-p collider. <i>Physical Review D</i> , 2004 , 70,	4.9	62
212	Heavy flavor properties of jets produced in pp interactions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review D</i> , 2004 , 69,	4.9	15
211	Search for pair production of scalar top quarks in R-parity violating decay modes in pp collisions at square root of $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 2004 , 92, 051803	7.4	18
210	Inclusive double-pomeron exchange at the fermilab tevatron p p collider. <i>Physical Review Letters</i> , 2004 , 93, 141601	7.4	10
209	Direct photon cross section with conversions at CDF. <i>Physical Review D</i> , 2004 , 70,	4.9	23
208	Inclusive search for anomalous production of high-pT like-sign lepton pairs in pp collisions at square root $\sqrt{s} = 1.8\text{TeV}$. <i>Physical Review Letters</i> , 2004 , 93, 061802	7.4	9
207	Combination of CDF and D0 results on the W boson mass and width. <i>Physical Review D</i> , 2004 , 70,	4.9	41
206	DETECTOR R&D. <i>International Journal of Modern Physics A</i> , 2004 , 19, 1216-1228	1.2	1
205	Search for lepton flavor violating decays of a heavy neutral particle in p(-)p collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 2003 , 91, 171602	7.4	9
204	Momentum distribution of charged particles in jets in dijet events in pp collisions at $\sqrt{s}=1.8\text{TeV}$ and comparisons to perturbative QCD predictions. <i>Physical Review D</i> , 2003 , 68,	4.9	36
203	Search for a W' boson decaying to a top and bottom quark pair in 1.8 TeV pp collisions. <i>Physical Review Letters</i> , 2003 , 90, 081802	7.4	20
202	Search for long-lived charged massive particles in pp collisions at square root $\sqrt{s} = 1.8\text{TeV}$. <i>Physical Review Letters</i> , 2003 , 90, 131801	7.4	46
201	Search for the supersymmetric partner of the top quark in dilepton events from pp collisions at square root of $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 2003 , 90, 251801	7.4	17
200	Search for associated production of Upsilon and vector boson in pp collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 2003 , 90, 221803	7.4	11
199	Measurement of prompt charm meson production cross sections in pp collisions at square root $\sqrt{s} = 1.96\text{TeV}$. <i>Physical Review Letters</i> , 2003 , 91, 241804	7.4	125
198	Central pseudorapidity gaps in events with a leading antiproton at the fermilab tevatron pp collider. <i>Physical Review Letters</i> , 2003 , 91, 011802	7.4	8
197	Search for the flavor-changing neutral current decay $D_0 \rightarrow \mu\bar{\nu}_\mu$ in pp collisions at $\sqrt{s}=1.96\text{TeV}$. <i>Physical Review D</i> , 2003 , 68,	4.9	8

196	Measurement of the mass difference $m(D_s^+) - m(D^+)$ at CDF II. <i>Physical Review D</i> , 2003 , 68,	4.9	10
195	The composition of cosmic rays at the knee. <i>Astroparticle Physics</i> , 2002 , 18, 129-150	2.4	46
194	Charged jet evolution and the underlying event in proton-antiproton collisions at 1.8 TeV. <i>Physical Review D</i> , 2002 , 65,	4.9	125
193	Measurement of B-meson lifetimes using fully reconstructed B decays produced in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 65,	4.9	5
192	Measurement of the strong coupling constant from inclusive jet production at the Tevatron pp collider. <i>Physical Review Letters</i> , 2002 , 88, 042001	7.4	35
191	Search for new physics in photon-lepton events in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 66,	4.9	14
190	Measurement of the ratio of b quark production cross sections in $p\bar{p}$ collisions at $s=630$ GeV and $s=1800$ GeV. <i>Physical Review D</i> , 2002 , 66,	4.9	22
189	Cross section for forward J/ψ production in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 66,	4.9	7
188	Search for new heavy particles in the $WZ0$ final state in pp collisions at square root $[s] = 1.8$ TeV. <i>Physical Review Letters</i> , 2002 , 88, 071806	7.4	5
187	Upsilon production and polarization in $p p$ macro collisions at square root of $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2002 , 88, 161802	7.4	125
186	Search for the decay $B_s \rightarrow \mu\bar{\mu}$ in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 65,	4.9	6
185	Diffraction dijet production at $\sqrt{s} = 630$ and 1800 GeV at the Fermilab Tevatron. <i>Physical Review Letters</i> , 2002 , 88, 151802	7.4	18
184	Search for radiative b-hadron decays in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 66,	4.9	10
183	Search for gluinos and scalar quarks in pp collisions at square root $[s] = 1.8$ TeV using the missing energy plus multijets signature. <i>Physical Review Letters</i> , 2002 , 88, 041801	7.4	73
182	Limits on extra dimensions and new particle production in the exclusive photon and missing energy signature in pp collisions at square root $[s]=1.8$ TeV. <i>Physical Review Letters</i> , 2002 , 89, 281801	7.4	37
181	Searches for new physics in events with a photon and b-quark jet at CDF. <i>Physical Review D</i> , 2002 , 65,	4.9	12
180	Soft and hard interactions in pp collisions at $s=1800$ and 630 GeV. <i>Physical Review D</i> , 2002 , 65,	4.9	40
179	Comparison of the isolated direct photon cross sections in pp collisions at $s=1.8$ TeV and $s=0.63$ TeV. <i>Physical Review D</i> , 2002 , 65,	4.9	47

178	Search for new physics in photon-lepton events in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2002 , 89, 041802	7.4	16
177	Search for single-top-quark production in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2002 , 65,	4.9	42
176	Study of $B_0 \rightarrow J/\psi K^0 \pi^+ \pi^-$ decays with the collider detector at Fermilab. <i>Physical Review Letters</i> , 2002 , 88, 071801	7.4	5
175	Beam tests of a thin dual-readout calorimeter for detecting cosmic rays outside the Earth's atmosphere. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 462, 411-425	1.2	7
174	Search for the supersymmetric partner of the top quark in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 2001 , 63,	4.9	11
173	Measurement of the top quark $p(T)$ distribution. <i>Physical Review Letters</i> , 2001 , 87, 102001	7.4	20
172	Search for gluinos and squarks using like-sign dileptons in pp macro collisions at square root of $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2001 , 87, 251803	7.4	17
171	Cross section and heavy quark composition of $\mu\mu$ events produced in pp collisions. <i>Physical Review D</i> , 2001 , 65,	4.9	3
170	Observation of diffractive J/ψ production at the Fermilab Tevatron. <i>Physical Review Letters</i> , 2001 , 87, 241802	7.4	14
169	Measurement of $d\sigma/dM$ and forward-backward charge asymmetry for high-mass Drell-Yan e^+e^- pairs from pp macro collisions at square root of $s = 1.8$ TeV. <i>Physical Review Letters</i> , 2001 , 87, 131802	7.4	26
168	First measurement of the ratio $B(t \rightarrow Wb)/B(t \rightarrow Wq)$ and associated limit on the Cabibbo-Kobayashi-Maskawa element $ V_{tb} $. <i>Physical Review Letters</i> , 2001 , 86, 3233-8	7.4	32
167	Search for neutral supersymmetric Higgs bosons in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2001 , 86, 4472-8	7.4	50
166	Measurement of the W boson mass with the Collider Detector at Fermilab. <i>Physical Review D</i> , 2001 , 64,	4.9	52
165	Tests of enhanced leading order QCD in W boson plus jets events from 1.8 TeV pp collisions. <i>Physical Review D</i> , 2001 , 63,	4.9	7
164	Charged-particle multiplicity pp collisions at square root of $(s) = 1.8$ TeV. <i>Physical Review Letters</i> , 2001 , 87, 211804	7.4	16
163	Measurement of the two-jet differential cross section in pp collisions at $s=1800$ GeV. <i>Physical Review D</i> , 2001 , 64,	4.9	4
162	Production of $\chi(c1)$ and $\chi(c2)$ in pp collisions at $\sqrt{S} = 1.8$ TeV. <i>Physical Review Letters</i> , 2001 , 86, 3963-8	7.4	27
161	Search for quark-lepton compositeness and a heavy W' Boson using the $e\nu$ channel in pp macro collisions at square root of $[s] = 1.8$ TeV. <i>Physical Review Letters</i> , 2001 , 87, 231803	7.4	37

160	Double diffraction dissociation at the Fermilab Tevatron collider. <i>Physical Review Letters</i> , 2001 , 87, 14180-4	7.4	34
159	Measurement of the top quark mass with the collider detector at Fermilab. <i>Physical Review D</i> , 2001 , 63,	4.9	50
158	CDF Run II silicon tracking projects. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 447, 1-8	1.2	225
157	Dijet production by double pomeron exchange at the fermilab tevatron. <i>Physical Review Letters</i> , 2000 , 85, 4215-20	7.4	49
156	Search for color singlet technicolor particles in p&pmacr; collisions at radicals = 1.8 TeV. <i>Physical Review Letters</i> , 2000 , 84, 1110-5	7.4	12
155	Measurement of the differential dijet mass cross section in pp collisions at s=1.8 TeV. <i>Physical Review D</i> , 2000 , 61,	4.9	7
154	Search for the charged Higgs boson in the decays of top quark pairs in the e and channels at s=1.8 TeV. <i>Physical Review D</i> , 2000 , 62,	4.9	35
153	Observation of diffractive b-quark production at the fermilab tevatron. <i>Physical Review Letters</i> , 2000 , 84, 232-7	7.4	41
152	Direct measurement of the W boson width in p&pmacr; collisions at radicals = 1.8 TeV. <i>Physical Review Letters</i> , 2000 , 85, 3347-52	7.4	20
151	Search for scalar top quark production in p&pmacr; collisions at sqrt. <i>Physical Review Letters</i> , 2000 , 84, 5273-8	7.4	26
150	Search for new particles decaying to t&tmacr; in p&pmacr; collisions at radicals = 1.8 TeV. <i>Physical Review Letters</i> , 2000 , 85, 2062-7	7.4	35
149	Diffractive dijets with a leading antiproton in &pmacr;p collisions at sqrt. <i>Physical Review Letters</i> , 2000 , 84, 5043-8	7.4	105
148	Limits on light gravitino production and new processes with large missing transverse energy in p&pmacr; collisions at sqrt. <i>Physical Review Letters</i> , 2000 , 85, 1378-83	7.4	18
147	Measurement of sin2 from B->J/psiK*0 with the CDF detector. <i>Physical Review D</i> , 2000 , 61,	4.9	100
146	Search for second and third generation leptoquarks including production via technicolor interactions in p&pmacr; collisions at radicals = 1.8 TeV. <i>Physical Review Letters</i> , 2000 , 85, 2056-61	7.4	28
145	Search for a W' boson via the decay mode W'-->munumu in 1.8 TeV pp collisions. <i>Physical Review Letters</i> , 2000 , 84, 5716-21	7.4	12
144	Measurement of the decay amplitudes of B0 --> J/psiK*0 and B(s)(0) --> J/psistraight phi decays. <i>Physical Review Letters</i> , 2000 , 85, 4668-73	7.4	26
143	Measurement of b-quark fragmentation fractions in p&pmacr; collisions at sqrt. <i>Physical Review Letters</i> , 2000 , 84, 1663-8	7.4	28

142	Transverse momentum and total cross section of $e^{+}e^{-}$ pairs in the Z-boson region from $p\bar{p}$ collisions at \sqrt{s} . <i>Physical Review Letters</i> , 2000 , 84, 845-50	7.4	101
141	Measurement of J/ψ and $\psi(2S)$ polarization in pp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 85, 2886-91	7.4	171
140	Search for scalar top and scalar bottom quarks in pp collisions at square root $s=1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 84, 5704-9	7.4	49
139	Production of Upsilon(1S) mesons from $\chi(b)$ decays in $p\bar{p}$ collisions at \sqrt{s} . <i>Physical Review Letters</i> , 2000 , 84, 2094-9	7.4	97
138	Search for a fourth-generation quark more massive than the Z0 boson in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 84, 835-40	7.4	24
137	Measurement of the helicity of W bosons in top quark decays. <i>Physical Review Letters</i> , 2000 , 84, 216-21	7.4	46
136	Measurement of the B^0B^0 oscillation frequency using D^{*+} pairs and lepton flavor tags. <i>Physical Review D</i> , 1999 , 60,	4.9	15
135	Search for R-Parity Violating Supersymmetry Using Like-Sign Dielectrons in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1999 , 83, 2133-2138	7.4	28
134	Search for a Technicolor χ Particle in Events with a Photon and a b-Quark Jet at Fermilab. <i>Physical Review Letters</i> , 1999 , 83, 3124-3129	7.4	13
133	Search for Third-Generation Leptoquarks from Technicolor Models in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1999 , 82, 3206-3211	7.4	15
132	Search for $B_s^0B_{s0}$ Oscillations Using the Semileptonic Decay $B_s^0 \rightarrow \mu^+\mu^-$ <i>Physical Review Letters</i> , 1999 , 82, 3576-3580	7.4	19
131	Measurement of b quark fragmentation fractions in the production of strange and light B mesons in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 1999 , 60,	4.9	13
130	Search for the Flavor-Changing Neutral Current Decays $B^{+} \rightarrow \mu^+\mu^+$ and $B^0 \rightarrow \mu^+\mu^0$. <i>Physical Review Letters</i> , 1999 , 83, 3378-3383	7.4	42
129	Measurement of the $B_d^0B_d^0$ oscillation frequency using dimuon data in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 1999 , 60,	4.9	17
128	Measurement of the Top Quark Mass with the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1999 , 82, 271-276	7.4	68
127	Measurement of $b\bar{b}$ rapidity correlations in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 1999 , 61,	4.9	6
126	Searches for new physics in diphoton events in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 1999 , 59,	4.9	40
125	Measurement of the associated $\mu\mu$ production cross section in pp collisions at $s=1.8$ TeV. <i>Physical Review D</i> , 1999 , 60,	4.9	4

124	Search for New Particles Decaying to $b\bar{b}$ in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1999 , 82, 2038-2043	7.4	21
123	Measurement of $B^0\bar{B}^0$ flavor oscillations using jet-charge and lepton flavor tagging in pp collisions at $s=1.8\text{TeV}$. <i>Physical Review D</i> , 1999 , 60,	4.9	21
122	The SVX3D integrated circuit for dead-timeless silicon strip readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 435, 58-64	1.2	31
121	Measurement of the CP-Violation Parameter $\sin(2\beta)$ in $B_d^0/B_{d^0} \rightarrow J/\psi K_S^0$ Decays. <i>Physical Review Letters</i> , 1998 , 81, 5513-5518	7.4	33
120	Search for Higgs Bosons Produced in Association with a Vector Boson in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1998 , 81, 5748-5753	7.4	17
119	Jet pseudorapidity distribution in direct photon events in pp collisions at $s=1.8\text{TeV}$. <i>Physical Review D</i> , 1998 , 57, 1359-1365	4.9	2
118	Search for the Decays $B_s^0, B_d^0 \rightarrow e\mu\mu$ and Pati-Salam Leptoquarks. <i>Physical Review Letters</i> , 1998 , 81, 5742-5747	7.4	18
117	Searches for New Physics in Diphoton Events in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1998 , 81, 1791-1796	7.4	42
116	Measurement of the $B_d^0\bar{B}_d^0$ flavor oscillation frequency and study of same side flavor tagging of B mesons in pp collisions. <i>Physical Review D</i> , 1998 , 59,	4.9	19
115	Events with a Rapidity Gap between Jets in $p\bar{p}$ Collisions at $\sqrt{s}=630\text{GeV}$. <i>Physical Review Letters</i> , 1998 , 81, 5278-5283	7.4	30
114	Search for Second Generation Leptoquarks in the Dimuon Plus Dijet Channel of pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1998 , 81, 4806-4811	7.4	21
113	Observation of Hadronic W Decays in $t\bar{t}$ Events with the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1998 , 80, 5720-5725	7.4	11
112	Properties of photon plus two-jet events in $p\bar{p}$ collisions at $s=1.8\text{TeV}$. <i>Physical Review D</i> , 1998 , 57, 67-77	4.9	5
111	Measurement of the Differential Cross Section for Events with Large Total Transverse Energy in pp Collisions at $s=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1998 , 80, 3461-3466	7.4	6
110	Measurement of B hadron lifetimes using J/ψ final states at CDF. <i>Physical Review D</i> , 1998 , 57, 5382-5401	4.9	44
109	Search for the rare decay $W^{\pm} \rightarrow D_s^{\pm} \mu^{\pm}$ in pp collisions at $s=1.8\text{TeV}$. <i>Physical Review D</i> , 1998 , 58,	4.9	3
108	Measurement of the $(W^{\pm} + \mu\text{Jet})/W$ Cross Section Ratio from $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1998 , 81, 1367-1372	7.4	6
107	Search for the decays $B_d^0 \rightarrow \mu^{\pm} \mu^{\mp}$ and $B_s^0 \rightarrow \mu^{\pm} \mu^{\mp}$ in pp collisions at $s=1.8\text{TeV}$. <i>Physical Review D</i> , 1998 , 57, R3811-R3816	4.9	59

106	Measurement of the Lepton Charge Asymmetry in W-Boson Decays Produced in pp Collisions. <i>Physical Review Letters</i> , 1998 , 81, 5754-5759	7.4	65
105	Measurement of the tt Production Cross Section in pp Collisions at s=1.8TeV. <i>Physical Review Letters</i> , 1998 , 80, 2773-2778	7.4	41
104	Observation of the Bc Meson in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1998 , 81, 2432-2437	7.4	242
103	Search for Chargino-Neutralino Associated Production at the Fermilab Tevatron Collider. <i>Physical Review Letters</i> , 1998 , 80, 5275-5280	7.4	28
102	Measurement of the $B^0\bar{B}^0$ Oscillation Frequency Using B Meson Charge-Flavor Correlations in pp Collisions at s=1.8TeV. <i>Physical Review Letters</i> , 1998 , 80, 2057-2062	7.4	37
101	Search for Flavor-Changing Neutral Current Decays of the Top Quark in pp Collisions at s=1.8TeV. <i>Physical Review Letters</i> , 1998 , 80, 2525-2530	7.4	124
100	Dijet Production by Color-Singlet Exchange at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1998 , 80, 1156-1161	7.4	59
99	Measurement of the Top Quark Mass and tt Production Cross Section from Dilepton Events at the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1998 , 80, 2779-2784	7.4	73
98	Search for New Particles Decaying into bb and Produced in Association with W Bosons Decaying into e $\bar{\nu}_e$ at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1997 , 79, 3819-3824	7.4	21
97	First Observation of the All-Hadronic Decay of tt Pairs. <i>Physical Review Letters</i> , 1997 , 79, 1992-1997	7.4	61
96	Measurement of Double Parton Scattering in pp Collisions at s=1.8TeV. <i>Physical Review Letters</i> , 1997 , 79, 584-589	7.4	95
95	Observation of $B^0 \rightarrow J/\psi \pi^0$ at the Fermilab proton-antiproton collider. <i>Physical Review D</i> , 1997 , 55, 1142-1152	7.9	38
94	Search for new particles decaying to dijets at CDF. <i>Physical Review D</i> , 1997 , 55, R5263-R5268	4.9	98
93	Search for gluinos and squarks at the Fermilab Tevatron collider. <i>Physical Review D</i> , 1997 , 56, R1357-R1362	4.9	46
92	Limits on Quark-Lepton Compositeness Scales from Dileptons Produced in 1.8 TeV pp Collisions. <i>Physical Review Letters</i> , 1997 , 79, 2198-2203	7.4	68
91	Search for Charged Higgs Boson Decays of the Top Quark using Hadronic Decays of the Tau Lepton. <i>Physical Review Letters</i> , 1997 , 79, 357-362	7.4	87
90	Evidence for W+W Production in pp Collisions at s=1.8TeV. <i>Physical Review Letters</i> , 1997 , 78, 4536-4540	7.4	36
89	Production of J/ ψ Mesons from \bar{D} Meson Decays in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1997 , 79, 578-583	7.4	221

88	Search for New Gauge Bosons Decaying into Dileptons in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 79, 2192-2197	7.4	140
87	Search for First Generation Leptoquark Pair Production in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 79, 4327-4332	7.4	44
86	Double parton scattering in $p\bar{p}$ collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review D</i> , 1997 , 56, 3811-3832	4.9	199
85	Properties of six-jet events with large six-jet mass at the Fermilab proton-antiproton collider. <i>Physical Review D</i> , 1997 , 56, 2532-2543	4.9	3
84	Measurement of bb production correlations, B^0B^0 mixing, and a limit on β in pp collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review D</i> , 1997 , 55, 2546-2558	4.9	64
83	The Γ and $e\Gamma$ Decays of Top Quark Pairs Produced in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 79, 3585-3590	7.4	30
82	Measurement of Diffractive Dijet Production at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1997 , 79, 2636-2641	7.4	69
81	Observation of Diffractive W-Boson Production at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1997 , 78, 2698-2703	7.4	78
80	J/ψ and $\psi(2S)$ Production in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 79, 572-577	7.4	278
79	Search for Third Generation Leptoquarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 78, 2906-2911	7.4	49
78	Forward-Backward Charge Asymmetry of Electron Pairs above the Z^0 Pole. <i>Physical Review Letters</i> , 1996 , 77, 2616-2621	7.4	25
77	Search for gluino and squark cascade decays at the Fermilab Tevatron collider. <i>Physical Review Letters</i> , 1996 , 76, 2006-2010	7.4	35
76	Search for flavor-changing neutral current B meson decays in pp collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1996 , 76, 4675-4680	7.4	24
75	Search for charged Higgs boson decays of the top quark using hadronic tau decays. <i>Physical Review D</i> , 1996 , 54, 735-742	4.9	17
74	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	4.9	28
73	Reconstruction of $B^0 \rightarrow J/\psi K^0_S$ and measurement of ratios of branching ratios involving $B \rightarrow J/\psi K^*$ and $B \rightarrow J/\psi K^+$. <i>Physical Review Letters</i> , 1996 , 76, 2015-2020	7.4	22
72	Measurement of Dijet Angular Distributions by the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1996 , 77, 5336-5341	7.4	70
71	Measurement of Λ_b Lifetime Using $\Lambda_b \rightarrow \Lambda + c$. <i>Physical Review Letters</i> , 1996 , 77, 1439-1443	7.4	26

70	Inclusive Jet Cross Section in p-bar p Collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1996 , 77, 438-443	7.4	185
69	Properties of Jets in Z Boson Events from 1.8 TeV p-bar p Collisions. <i>Physical Review Letters</i> , 1996 , 77, 448-453	7.4	16
68	Measurement of the Branching Fraction $B(B \rightarrow u \bar{c} J/\psi \pi^+)$ and Search for $B \rightarrow c \bar{c} J/\psi \pi^+$. <i>Physical Review Letters</i> , 1996 , 77, 5176-5181	7.4	17
67	Measurement of the $\gamma + D^{*\pm}$ Cross Section in p-bar p Collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1996 , 77, 5005-5010	7.4	3
66	Measurement of $\sigma(B \rightarrow W e \nu)$ and $\sigma(B \rightarrow Z e^+ e^-)$ in pp-bar collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1996 , 76, 3070-3075	7.4	59
65	Search for the rare decay $W^+ \rightarrow \pi^+ \gamma$. <i>Physical Review Letters</i> , 1996 , 76, 2852-2857	7.4	6
64	Measurement of correlated micro-b-bar jet cross sections in pp-bar collisions at s=1.8 TeV. <i>Physical Review D</i> , 1996 , 53, 1051-1065	4.9	40
63	Search for chargino-neutralino production in pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1996 , 76, 4307-4311	7.4	19
62	Measurement of the Lifetime of the B _s Meson Using the Exclusive Decay Mode $B_s \rightarrow J/\psi \phi$. <i>Physical Review Letters</i> , 1996 , 77, 1945-1949	7.4	12
61	Further properties of high-mass multijet events at the Fermilab proton-antiproton collider. <i>Physical Review D</i> , 1996 , 54, 4221-4233	4.9	12
60	Upsilon production in pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 75, 4358-4363	7.4	77
59	Measurement of the B _s meson lifetime. <i>Physical Review Letters</i> , 1995 , 74, 4988-4992	7.4	18
58	Search for new particles decaying to dijets in pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 74, 3538-3543	7.4	56
57	Properties of high-mass multijet events at the Fermilab proton-antiproton collider. <i>Physical Review Letters</i> , 1995 , 75, 608-612	7.4	24
56	Limits on Z-photon couplings from p-p-bar interactions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 74, 1941-1945	7.4	33
55	Identification of top quarks using kinematic variables. <i>Physical Review D</i> , 1995 , 52, R2605-R2609	4.9	22
54	Measurement of the polarization in the decays $B_d \rightarrow J/\psi K^0$ and $B_s \rightarrow J/\psi \phi$. <i>Physical Review Letters</i> , 1995 , 75, 3068-3072	7.4	22
53	Search for charged bosons heavier than the W boson in pp-bar collisions at sqrt s=1800 GeV. <i>Physical Review Letters</i> , 1995 , 74, 2900-2904	7.4	42

52	Measurement of the B Meson Differential Cross Section $d\sigma/dp_T$ in pp -bar Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 1451-1455	7.4	116
51	Observation of rapidity gaps in p -bar p collisions at 1.8 TeV. <i>Physical Review Letters</i> , 1995 , 74, 855-859	7.4	64
50	Search for second generation leptoquarks in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 1012-1016	7.4	22
49	Kinematic evidence for top quark pair production in W +multijet events in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1995 , 51, 4623-4637	4.9	29
48	Study of tp -bar collisions using total transverse energy. <i>Physical Review Letters</i> , 1995 , 75, 3997-4002	7.4	18
47	Charge asymmetry in W -boson decays produced in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 74, 850-854	7.4	56
46	Search for squarks and gluinos via radiative decays of neutralinos in proton-antiproton collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 613-617	7.4	9
45	Limits on WWZ and WW gamma couplings from WW and WZ production in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 75, 1017-1022	7.4	51
44	Observation of Top Quark Production in p -bar p Collisions with the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1995 , 74, 2626-2631	7.4	1067
43	Measurement of the W boson mass. <i>Physical Review D</i> , 1995 , 52, 4784-4827	4.9	89
42	Threshold inelastic electron scattering from the proton at high momentum transfers. <i>Physical Review D</i> , 1994 , 49, 3091-3097	4.9	16
41	Measurement of p -bar p single diffraction dissociation at $\sqrt{s}=546$ and 1800 GeV. <i>Physical Review D</i> , 1994 , 50, 5535-5549	4.9	96
40	Evidence for top quark production in p -bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1994 , 50, 2966-3026	4.9	384
39	Measurement of the ratio $\sigma_B(W \rightarrow e \nu) / \sigma_B(Z^0 \rightarrow e^+e^-)$ in p -bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1994 , 73, 220-224	7.4	30
38	Search for excited quarks in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1994 , 72, 3004-3008	7.4	29
37	Search for the top quark decaying to a charged Higgs boson in p -bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1994 , 73, 2667-2671	7.4	16
36	W boson+jet angular distribution in pp -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1994 , 73, 2296-2300	7.4	5
35	Search for the top quark decaying to a charged Higgs boson in p p -bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1994 , 72, 1977-1981	7.4	16

34	Measurement of Drell-Yan electron and muon pair differential cross sections in p-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1994 , 49, R1-R6	4.9	26
33	Evidence for color coherence in pp-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1994 , 50, 5562-5579	4.9	34
32	Measurement of the B meson and b quark cross sections at $\sqrt{s} = 1.8$ TeV using the exclusive decay $B^0 \rightarrow J/\psi K^*(892)^0$. <i>Physical Review D</i> , 1994 , 50, 4252-4257	4.9	23
31	Precision measurement of the prompt photon cross section in pp-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1994 , 73, 2662-2666	7.4	91
30	Measurement of the A dependence of deep-inelastic electron scattering. <i>Physical Review D</i> , 1994 , 49, 4348-4372	4.9	226
29	Measurement of the antiproton-proton total cross section at $\sqrt{s} = 546$ and 1800 GeV. <i>Physical Review D</i> , 1994 , 50, 5550-5561	4.9	164
28	Measurements of elastic electron-proton scattering at large momentum transfer. <i>Physical Review D</i> , 1993 , 48, 29-55	4.9	112
27	Comparison of jet production in p-bar collisions at $\sqrt{s} = 546$ and 1800 GeV. <i>Physical Review Letters</i> , 1993 , 70, 1376-1380	7.4	42
26	Measurement of jet multiplicity in W events produced in pp-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1993 , 70, 4042-4046	7.4	15
25	Search for first-generation leptoquarks in p-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1993 , 48, R3939-R3944	4.9	30
24	Inclusive χ_c and b-quark production in p-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1993 , 71, 2537-2541	7.4	89
23	Prompt photon cross section measurement in p-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1993 , 48, 2998-3025	4.9	61
22	Measurement of bottom quark production in 1.8 TeV pp-bar collisions using muons from b-quark decays. <i>Physical Review Letters</i> , 1993 , 71, 2396-2400	7.4	65
21	Measurement of the cross section for production of two isolated prompt photons in pp-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1993 , 70, 2232-2236	7.4	30
20	Study of four-jet events and evidence for double parton interactions in pp-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1993 , 47, 4857-4871	4.9	131
19	Measurement of the dijet mass distribution in pp-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1993 , 48, 998-1008	4.9	15
18	Center-of-mass angular distribution of prompt photons produced in pp-bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1993 , 71, 679-683	7.4	7
17	Forward-backward charge asymmetry in $e^+e^- \rightarrow$ hadron jets. <i>Physical Review Letters</i> , 1990 , 64, 983-986	7.4	14

16	Measurements of R for e+e- annihilation at the KEK collider TRISTAN. <i>Physical Review D</i> , 1990 , 42, 1339-1349	4.9	28
15	Multihadron-event properties in e+e- annihilation at sqrt s =52-57 GeV. <i>Physical Review D</i> , 1990 , 41, 2675-2688	4.9	60
14	Mass limits of charged Higgs boson at large tan beta from e+e- annihilations at sqrt s =50-60.8 GeV. <i>Physical Review D</i> , 1990 , 42, 949-951	4.9	1
13	Charged-particle multiplicities in e+e- annihilations at sqrt s =50-61.4 GeV. <i>Physical Review D</i> , 1990 , 42, 737-747	4.9	41
12	Comparison of quark and gluon jets produced in high-energy e+e- annihilations. <i>Physical Review Letters</i> , 1989 , 63, 1772-1775	7.4	24
11	Experimental evidence for the non-Abelian nature of QCD from a study of multijet events produced in e+e- annihilation. <i>Physical Review Letters</i> , 1989 , 62, 1713-1716	7.4	56
10	Search for a fourth-generation charge -(1/3) quark. <i>Physical Review Letters</i> , 1989 , 63, 1910-1913	7.4	15
9	Search for unstable heavy neutral leptons in e+e- annihilations at sqrt s from 50 to 60.8 GeV. <i>Physical Review Letters</i> , 1989 , 63, 1342-1345	7.4	12
8	Measurement of e+e- to bb-bar forward-backward charge asymmetry between sqrt s =52 and 57 GeV. <i>Physical Review Letters</i> , 1989 , 63, 2341-2345	7.4	16
7	Measurements of R and a search for heavy-quark production in e+e- annihilation at sqrt s =50 and 52 GeV. <i>Physical Review Letters</i> , 1988 , 60, 93-96	7.4	67
6	Experimental mass limit for the fourth-generation sequential lepton from e+e- annihilations at sqrt s-bar=56 GeV. <i>Physical Review Letters</i> , 1988 , 61, 911-914	7.4	8
5	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	7.4	27
4	Leading-order perturbative QCD calculation of nucleon Dirac form factors. <i>Physical Review D</i> , 1987 , 36, 165-175	4.9	45
3	Measurement of elastic electron scattering from the proton at high momentum transfer. <i>Physical Review Letters</i> , 1986 , 57, 174-177	7.4	129
2	Perturbative QCD analysis of exclusive pair production of higher-generation nucleons. <i>Physical Review D</i> , 1986 , 34, 3350-3353	4.9	9
1	Measurements of the A Dependence of Deep-Inelastic Electron Scattering from Nuclei. <i>Physical Review Letters</i> , 1984 , 52, 727-730	7.4	393