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The D detector

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#	Paper	IF	Citations
402	Rapidity correlations in W gamma production at hadron colliders. 1994 , 50, 1917-1930		20
401	Rapidity gaps between jets in pp-bar collisions at sqrt s =1.8 TeV. 1994 , 72, 2332-2336		55
400	First generation leptoquark search in pp-bar collisions at sqrt s =1.8 TeV. 1994 , 72, 965-969		43
399	B-physics results from DØ <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 351, 72-76	1.2	
398	Control and monitoring of the DØ detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 352, 250-253	1.2	
397	Search for the top quark in pp-bar collisions at sqrt s =1.8 TeV. 1994 , 72, 2138-2142		109
396	.		
395	The DØ detector upgrade. 1995 , 44, 12-19		4
394	Performance and calibration of the DØ uranium liquid-argon calorimeter. 1995 , 44, 158-162		1
393	Detection of weak signals against background (noise) using neural network classifiers. 1995 , 16, 333-338		11
392	Liquid ionization calorimetry: review and preview. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 360, 228-236 ^{1.2}	1.2	1
391	Transition radiation detector in the D0 colliding beam experiment at Fermilab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 367, 220-223	1.2	3
390	Beauty production at DØ <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 368, 100-104	1.2	1
389	Transverse energy distributions within jets in collisions at. 1995 , 357, 500-508		39
388	Search for heavy W bosons in 1.8 TeV collisions. 1995 , 358, 405-411		8
387	A detailed study of plastic scintillating strips with axial wavelength shifting fiber and VLPC readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 366, 263-277	1.2	18
386	The DØ silicon tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1995 , 368, 205-210	1.2	1

385	Tests of parton distribution functions at the Tevatron Collider. 1995 , 39, 13-17	
384	Overview of new QCD analyses at DØ 1995 , 39, 172-178	
383	The search for the top quark at DØ 1995 , 39, 353-355	
382	The DØ detector at Fermilab. 1995 , 99, 661-664	
381	.	
380	Top quark search with the D0 1992-1993 data sample. 1995 , 52, 4877-4919	68
379	Search for W boson pair production in pp-bar collisions at sqrt s=1.8 TeV. 1995 , 75, 1023-1027	38
378	Search for squarks and gluinos in pp-bar collisions at sqrt s=1.8TeV. 1995 , 75, 618-623	100
377	Second generation leptoquark search in pp-bar collisions at sqrt s=1.8 TeV. 1995 , 75, 3618-3623	15
376	Measurement of the WW gamma gauge boson couplings in pp-bar collisions at sqrt s=1.8 TeV. 1995 , 75, 1034-1039	32
375	Search for high mass top quark production in pp-bar collisions at sqrt s=1.8 TeV. 1995 , 74, 2422-2426	63
374	W and Z Boson Production in pp-bar Collisions at sqrt s=1.8 TeV. 1995 , 75, 1456-1461	62
373	Inclusive micro and b-quark production cross sections in pp-bar collisions at sqrt s=1.8 TeV. 1995 , 74, 3548-3552	92
372	Limits on the anomalous ZZ gamma and Z gamma gamma couplings in pp-bar collisions at sqrt s=1.8 TeV. 1995 , 75, 1028-1033	26
371	Study of the strong coupling constant using W+jet processes. 1995 , 75, 3226-3231	23
370	.	
369	.	
368	Observation of the Top Quark. 1995 , 74, 2632-2637	909

367	. 1995 , 42, 736-742	4
366	. 1995 , 42, 401-406	10
365	Jet production via strongly interacting color-singlet exchange in pp-bar collisions. 1996 , 76, 734-739	39
364	Observation of the top quark. 1996 , 109, 755-769	
363	production in collisions at. 1996 , 370, 239-248	85
362	Search for additional neutral gauge bosons. 1996 , 385, 471-478	25
361	The DØ silicon tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 383, 21-26	1.2
360	Beauty at DØ upgrade and current results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 384, 88-92	1.2
359	Search for light top squarks in pp-bar collisions at $\sqrt{s}=1.8$ TeV. 1996 , 76, 2222-2227	81
358	Isolated Photon Cross Section in the Central and Forward Rapidity Regions in pp-bar Collisions at $\sqrt{s}=1.8$ TeV. 1996 , 77, 5011-5015	39
357	Search for $W\text{-}\tilde{1}Z\text{-}\tilde{2}$ production via trilepton final states in pp-bar collisions at $\sqrt{s}=1.8$ TeV. 1996 , 76, 2228-2233	17
356	Measurement of the W Boson Mass. 1996 , 77, 3309-3314	47
355	Multiparticle transverse correlation functions and minijet production in $\sqrt{s}=1.8$ TeV pp-bar collisions in a Monte Carlo model. 1996 , 54, 3659-3662	2
354	Search for right-handed W bosons and heavy W in pp-bar collisions at $\sqrt{s}=1.8$ TeV. 1996 , 76, 3271-3276	63
353	Studies of topological distributions of inclusive three- and four-jet events in p-bar p collisions at $s=1800$ GeV with the D0 detector. 1996 , 53, 6000-6016	18
352	Azimuthal Decorrelation of Jets Widely Separated in Rapidity. 1996 , 77, 595-600	30
351	Search for Anomalous WW and WZ Production in pp-bar Collisions at $\sqrt{s}=1.8$ TeV. 1996 , 77, 3303-3308	27
350	THE TOP QUARK. 1996 , 46, 149-195	11

349	Study of the ZZ and ZC Couplings in Z(PP) Production. 1997 , 78, 3640-3645	35
348	Search for Scalar Leptoquark Pairs Decaying to Electrons and Jets in pp Collisions. 1997 , 79, 4321-4326	44
347	Search for Diphoton Events with Large Missing Transverse Energy in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. 1997 , 78, 2070-2074	30
346	Limits on WWZ and WW Couplings from $pp \rightarrow e\mu X$ Events at $\sqrt{s}=1.8\text{TeV}$. 1997 , 79, 1441-1446	26
345	Search for a Fourth Generation Charge $2/3$ Quark via Flavor Changing Neutral Current Decay. 1997 , 78, 3818-3823	25
344	Jet algorithms and top quark mass measurement. 1997 , 55, 173-182	2
343	Measurement of the Top Quark Pair Production Cross Section in pp Collisions. 1997 , 79, 1203-1208	67
342	Studies of gauge boson pair production and trilinear couplings. 1997 , 56, 6742-6778	26
341	Limits on Anomalous WW Couplings from $pp \rightarrow W\mu X$ Events at $\sqrt{s}=1.8\text{TeV}$. 1997 , 78, 3634-3639	45
340	Searches for supersymmetric particles in collisions with the D detector. 1997 , 52, 14-18	
339	Jet production with rapidity gaps at D 1997 , 54, 76-80	
338	Heavy quark results at D 1997 , 55, 165-172	
337	The strong coupling constant, α_s , from W + jet processes: An analysis using Pad approximants. 1997 , 394, 165-169	5
336	Color coherent radiation in multijet events from collisions at. 1997 , 414, 419-427	17
335	A massively parallel processor for level 2 muon triggers at D0. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 389, 59-62	1.2
334	Scintillation counters for the D muon upgrade. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1997 , 401, 45-62	1.2 9
333	Computing models of CDF and D in Run II. 1998 , 110, 32-37	
332	Search for the decay $b \rightarrow Xs\mu\mu$ 1998 , 423, 419-426	13

331	Detector implications for electroweak physics at the Tevatron. 1998 , 61, 21-31		
330	SUSY searches at the tevatron. 1998 , 62, 47-56		1
329	Searches for new phenomena at the Tevatron collider. 1998 , 65, 297-301		
328	Direct photon measurements at DØ 1998 , 64, 78-83		4
327	QCD results from DØ 1998 , 64, 90-97		
326	Energy and rapidity dependence of beauty production at Tevatron. 1998 , 64, 397-401		1
325	B-physics results from DØ <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 408, 87-93	1.2	2
324	Forward muon system for the DØ detector upgrade. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1998 , 419, 660-666 ^{1,2}		13
323	Probing hard color-singlet exchange in pp collisions at $s = 630$ GeV and 1800 GeV. 1998 , 440, 189-202		52
322	Experimental Search for Chargino and Neutralino Production in Supersymmetry Models with a Light Gravitino. 1998 , 80, 442-447		35
321	Limits on WW and WWZ couplings from W boson pair production. 1998 , 58,		14
320	Search for top squark pair production in the dielectron channel. 1998 , 57, 589-593		13
319	Determination of the mass of the W boson using the DØ detector at the Fermilab Tevatron. 1998 , 58,		21
318	Measurement of Dijet Angular Distributions and Search for Quark Compositeness. 1998 , 80, 666-671		36
317	Search for Heavy Pointlike Dirac Monopoles. 1998 , 81, 524-529		40
316	Measurement of the Shape of the Transverse Momentum Distribution of W Bosons Produced in pp Collisions at $\sqrt{s} = 1.8$ TeV. 1998 , 80, 5498-5503		27
315	Limits on anomalous WW and WWZ couplings. 1998 , 58,		12
314	A Measurement of the W Boson Mass at the Fermilab pp Collider. 1998 , 80, 3008-3013		28

313	Measurement of the Top Quark Mass Using Dilepton Events. 1998 , 80, 2063-2068	96
312	Search for Trilepton Signatures from Associated Gaugino Pair Production. 1998 , 80, 1591-1596	21
311	Search for Charge \pm /3 Third-Generation Leptoquarks in pp Collisions at $s=1.8\text{TeV}$. 1998 , 81, 38-43	24
310	Direct measurement of the top quark mass by the D \bar{C} Collaboration. 1998 , 58,	98
309	Measurement of the W boson mass. 1998 , 58,	43
308	Search for First Generation Scalar Leptoquark Pairs in pp Collisions at $s=1.8\text{TeV}$. 1998 , 80, 2051-2056	46
307	TOP QUARK PHYSICS AT THE TEVATRON. 1998 , 13, 5113-5218	27
306	STUDY OF TRILINEAR GAUGE-BOSON COUPLINGS AT THE TEVATRON COLLIDER. 1998 , 48, 33-80	65
305	JETS AND KINEMATICS IN HADRONIC COLLISIONS. 1998 , 13, 1817-1845	3
304	The D-Zero level 2 trigger for Run II physics.	
303	Measurement of the top quark pair production cross section in pp collisions using multijet final states. 1999 , 60,	27
302	Search for R-Parity Violating Supersymmetry in the Dielectron Channel. 1999 , 83, 4476-4481	24
301	Studies of WW and WZ production and limits on anomalous WW and WWZ couplings. 1999 , 60,	22
300	Small Angle J/ψ Production in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. 1999 , 82, 35-40	38
299	Measurement of the Top Quark Pair Production Cross Section in the All-Jets Decay Channel. 1999 , 83, 1908-1913	31
298	Search for Second Generation Leptoquark Pairs Decaying to b jets in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. 1999 , 83, 2896-2901	15
297	Search for Squarks and Gluinos in Events Containing Jets and a Large Imbalance in Transverse Energy. 1999 , 83, 4937-4942	51
296	Measurement of the High-Mass Drell-Yan Cross Section and Limits on Quark-Electron Compositeness Scales. 1999 , 82, 4769-4774	57

295	Search for Squarks and Gluinos in Single-Photon Events with Jets and Large Missing Transverse Energy in pp Collisions at $\sqrt{s}=1.8$ TeV. 1999 , 82, 29-34	17
294	Measurement of the top quark mass in the dilepton channel. 1999 , 60,	73
293	Searches for supersymmetric particles at the Tevatron collider. 1999 , 71, 937-981	12
292	Measurement of W and Z boson production cross sections in pp collisions at $s=1.8$ TeV. 1999 , 60,	18
291	Search for Charged Higgs Bosons in Decays of Top Quark Pairs. 1999 , 82, 4975-4980	78
290	Inclusive Jet Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. 1999 , 82, 2451-2456	62
289	Dijet Mass Spectrum and a Search for Quark Compositeness in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. 1999 , 82, 2457-2462	53
288	Search for bottom squarks in pp collisions at $s=1.8$ TeV. 1999 , 60,	22
287	INCLUSIVEJET ANDDIJETPRODUCTION AT THE TEVATRON. 1999 , 49, 633-685	11
286	LEPTOQUARKSEARCHES ATHERAAND THE TEVATRON. 1999 , 49, 389-434	17
285	DIRECTMEASUREMENTOFTHETOPQUARKMASS. 1999 , 49, 435-479	10
284	Inclusive jet cross sections in collisions at $\sqrt{s} = 630$ and 1800 GeV. 1999 , 79, 229-231	
283	Measurement of the triple differential jet cross section at $\sqrt{s} = 1800$ GeV. 1999 , 79, 235-237	
282	Hard diffractive jet production at DØ 1999 , 79, 378-381	2
281	Subjet multiplicity in quark and gluon jets at DØ. 1999 , 79, 494-496	2
280	Evidence of color coherence effects in W+jets events from collisions at TeV. 1999 , 464, 145-155	7
279	Determination of the absolute jet energy scale in the DØ calorimeters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 424, 352-394	1.2 50
278	The intermediate silicon layers detector at CDFII: Design and progress. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1999 , 435, 44-50	1.2 3

277	W → $\bar{b}t$ at the Tevatron. 1999 , 76, 91-97	1
276	Search for Nonstandard Higgs Bosons Using High Mass Photon Pairs in $pp \rightarrow \gamma\gamma + 2$ Jets at $\sqrt{s}=1.8$ TeV. 1999 , 82, 2244-2249	27
275	Real-time data processing in the muon system of the D0 detector.	
274	The $b\bar{b}$ production cross section and angular correlations in pp collisions at $s=1.8$ TeV. 2000 , 487, 264-272	103
273	The CDF and DØ Upgrades for Run II. 2000 , 50, 71-177	41
272	Precision Measurements of the W Boson Mass. 2000 , 50, 207-248	4
271	Measurement of the W boson mass using electrons at large rapidities. 2000 , 84, 222-7	26
270	Search for electroweak production of single top quarks in pp collisions. 2000 , 63,	33
269	Measurement of the W boson mass using large rapidity electrons. 2000 , 62,	28
268	Measurement of the inclusive differential cross section for Z bosons as a function of transverse momentum in $p\bar{p}$ collisions at $s=1.8$ TeV. 2000 , 61,	48
267	Differential production cross section of Z bosons as a function of transverse momentum at sqrt. 2000 , 84, 2792-7	33
266	Limits on quark compositeness from high energy jets in $p\bar{p}$ collisions at 1.8 TeV. 2000 , 62,	9
265	Drell-Yan and diphoton production at hadron colliders and low scale gravity model. 2000 , 62,	48
264	Extraction of the width of the W boson from measurements of $\sigma(pp \rightarrow W+X) \mathcal{B}(W \rightarrow e\bar{\nu})$ and $\sigma(pp \rightarrow Z+X) \mathcal{B}(Z \rightarrow ee)$ and their ratio. 2000 , 61,	61
263	Search for second-generation leptoquark pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. 2000 , 84, 2088-93	29
262	Measurement of the $W \rightarrow \tau\nu$ production cross section in pp collisions at square root $s=1.8$ TeV. 2000 , 84, 5710-5	12
261	Limits on anomalous $WW\bar{b}$ and WWZ couplings from $WW/WZ \rightarrow e\bar{\nu}$ production. 2000 , 62,	18
260	Isolated photon cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. 2000 , 84, 2786-91	60

259	Search for new physics in e^+e^- data at DØ using SLEUTH: A quasi-model-independent search strategy for new physics. 2000 , 62,	32
258	Spin correlation in $t\bar{t}$ production from $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. 2000 , 85, 256-61	35
257	Small-angle muon and bottom-quark production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. 2000 , 84, 5478-83	37
256	Cross section for b -Jet production in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. 2000 , 85, 5068-73	65
255	Probing Balitsky-Fadin-Kuraev-Lipatov dynamics in the dijet cross section at large rapidity intervals in pp collisions at $\sqrt{s} = 1800$ and 630 GeV. 2000 , 84, 5722-7	24
254	Real-time data processing in the muon system of the D0 detector. 2000 , 47, 276-279	
253	Physics of cascading shower generation and propagation in matter: principles of high-energy, ultrahigh-energy and compensating calorimetry. 2000 , 63, 505-606	22
252	Differential cross section for w boson production as a function of transverse momentum in collisions at TeV. 2001 , 513, 292-300	23
251	Search for single top quark production at DØ using neural networks. 2001 , 517, 282-294	51
250	Measurement of the ratio of differential cross sections for W and Z boson production as a function of transverse momentum in pp collisions at $\sqrt{s} = 1.8$ TeV. 2001 , 517, 299-308	6
249	The DØ upgrade: where we are and where we are going. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001 , 462, 179-183 ^{1,2}	2
248	Search for Higgs Bosons at LEP2 and Hadron Colliders. 2001 , 49, 1147-1221	1
247	INCLUSIVE JET CROSS SECTIONS AT DØ 2001 , 16, 245-249	
246	Quasi-model-independent search for new high $p(T)$ physics at D0. 2001 , 86, 3712-7	24
245	Ratio of isolated photon cross sections in pp collisions at square root of $s = 630$ and 1800 GeV. 2001 , 87, 251805	33
244	Search for new physics using QUAERO: a general interface to D0 event data. 2001 , 87, 231801	9
243	Search for heavy particles decaying into electron-positron pairs in pp collisions. 2001 , 87, 061802	25
242	Ratio of jet cross sections at square root of $s = 630$ GeV and 1800 GeV. 2001 , 86, 2523-8	13

241	Quasi-model-independent search for new physics at large transverse momentum. 2001 , 64,	25
240	Search for dilepton signatures from minimal low-energy supergravity in pp collisions at $s=1.8$ TeV. 2001 , 63,	12
239	Inclusive jet production in pp (macro) collisions. 2001 , 86, 1707-12	60
238	Ratios of multijet Cross Sections in $p p$ collisions at $\sqrt{s} = 1.8$ TeV. 2001 , 86, 1955-60	13
237	Search for first-generation scalar and vector leptoquarks. 2001 , 64,	13
236	Measurement of the angular distribution of electrons from $W \rightarrow e\bar{\nu}$ decays observed in pp collisions at $s=1.8$ TeV. 2001 , 63,	9
235	Search for large extra dimensions in dielectron and diphoton production. 2001 , 86, 1156-61	61
234	W boson physics at hadron colliders. 2001 , 73, 267-306	8
233	High- p_T jets in $p\bar{p}$ collisions at $s=630$ and 1800 GeV. 2001 , 64,	62
232	Search for R-parity violating supersymmetry in two-muon and four-jet topologies. 2002 , 89, 171801	5
231	Subjet multiplicity of gluon and quark jets reconstructed with the k_T algorithm in pp collisions. 2002 , 65,	19
230	Search for the production of single sleptons through R-parity violation in pp collisions at square root $(s) = 1.8$ TeV. 2002 , 89, 261801	7
229	Direct search for charged higgs bosons in decays of top quarks. 2002 , 88, 151803	37
228	Direct measurement of the W boson decay width. 2002 , 66,	17
227	Search for minimal supergravity in single-electron events with jets and large missing transverse energy in pp collisions at $s=1.8$ TeV. 2002 , 66,	2
226	Search for the scalar top quark in pp collisions at square root $[s] = 1.8$ TeV. 2002 , 88, 171802	16
225	Search for leptoquark pairs decaying into $\nu\nu$ +jets in pp collisions at square root $[s] = 1.8$ TeV. 2002 , 88, 191801	10
224	Improved W boson mass measurement with the DØ detector. 2002 , 66,	35

223	The inclusive jet cross section in pp collisions at $s=1.8$ TeV using the k \perp algorithm. 2002 , 525, 211-218		32
222	Hard single diffraction in p p collisions at $s=630$ and 1800 GeV. 2002 , 531, 52-60		18
221	Support vector regression as a signal discriminator in high energy physics. 2003 , 55, 251-264		11
220	Observation of diffractively produced W and Z bosons in p p collisions at $s=1800$ GeV. 2003 , 574, 169-179		15
219	Restoring contaminated wires, removing gas contaminants, and aging studies of drift tube chambers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 515, 50-52	1.2	5
218	Jet measurements at D \sqrt{s} using a \mathbb{E}_T algorithm. 2003 , 121, 21-28		1
217	Search for large extra dimensions in the monojet+E(T) channel with the D \sqrt{s} detector. 2003 , 90, 251802		51
216	tt \bar{t} production cross section in pp collisions at $s=1.8$ TeV. 2003 , 67,		29
215	Multiple jet production at low transverse energies in pp collisions at $s=1.8$ TeV. 2003 , 67,		10
214	Electronics upgrade of the Run II DO calorimeter and its performance. 2003 ,		
213	First results from the central tracking trigger of the DO experiment. 2003 ,		1
212	The central track trigger of the DO experiment. 2003 ,		
211	Spectrometers, Gamma-Ray. 2003 ,		
210	Search for new particles in the two-jet decay channel with the D \sqrt{s} detector. 2004 , 69,		48
209	Search for doubly charged higgs boson pair production in the decay to $\mu^{+}\mu^{+}\mu^{-}\mu^{-}$ in pp collisions at $\sqrt{s}=1.96$ TeV. 2004 , 93, 141801		63
208	Search for narrow tt resonances in pp collisions at square root of (s)=1.8 TeV. 2004 , 92, 221801		21
207	Limits on production of magnetic monopoles utilizing samples from the D0 and CDF detectors at the Fermilab Tevatron. 2004 , 69,		26
206	Observation and properties of the X(3872) decaying to $J/\psi\pi^{+}\pi^{-}$ in pp collisions at $\sqrt{s}=1.96$ TeV. 2004 , 93, 162002		408

205	The DZERO level 3 data acquisition system. 2004 , 51, 445-450		2
204	Search for Pair Production of Light Scalar Top Quarks in pp Collisions at s=1.8 TeV. 2004 , 93,		12
203	Prospects of searches for neutral, long-lived particles that decay to photons using timing at CDF. 2004 , 70,		11
202	QCD AT COLLIDERS. 2004 , 19, 864-876		1
201	A precision measurement of the mass of the top quark. 2004 , 429, 638-42		202
200	Search for 3- and 4-body decays of the scalar top quark in pp collisions at s= 1.8 TeV. 2004 , 581, 147-155		10
199	The DO central track trigger. 2004 , 51, 345-350		6
198	First results from the central tracking trigger of the DO experiment. 2004 , 51, 1848-1851		
197	The central track trigger of the DO experiment. 2004 , 51, 2368-2372		2
196	Measurement of the top quark mass in all-jet events. 2005 , 606, 25-33		18
195	Helicity of the W boson in lepton+jets . 2005 , 617, 1-10		46
194	Measurement of the . 2005 , 626, 55-64		18
193	The muon system of the Run II D0 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2005 , 552, 372-398	1.2	109
192	Measurement of the WW production cross section in pp collisions at square root[s]=1.96 TeV. 2005 , 94, 151801		27
191	Measurement of dijet azimuthal decorrelations at central rapidities in pp collisions at sqrt s =1.96 TeV. 2005 , 94, 221801		64
190	Search for supersymmetry with gauge-mediated breaking in diphoton events at D0. 2005 , 94, 041801		15
189	Measurement of semileptonic branching fractions of B mesons to narrow D** states. 2005 , 95, 171803		18
188	Search for Wbb and WH production in pp collisions at square root [s]=1.96 TeV. 2005 , 94, 091802		22

187	Measurement of the ratio of inclusive cross sections $\sigma(pp \rightarrow Z + b \text{ jet})/\sigma(pp \rightarrow Z + \text{jet})$ at square root(s) = 1.96 TeV. 2005 , 94, 161801	19
186	Search for neutral supersymmetric Higgs Bosons in multijet events at $\sqrt{s}=1.96$ TeV. 2005 , 95, 151801	40
185	Search for anomalous heavy-flavor quark production in association with W bosons. 2005 , 94, 152002	5
184	Search for large extra spatial dimensions in dimuon production with the d0 detector. 2005 , 95, 161602	26
183	Probing R -parity Violating Interactions via $pp \rightarrow e\bar{\nu}_X$ Channel on Tevatron. 2005 , 44, 107-116	11
182	DIRECT MEASUREMENT OF THE W WIDTH IN $p\bar{p}$ COLLISIONS AT $\sqrt{s} = 1.96$ TeV. 2005 , 20, 3243-3252	1
181	The D0 Run II Trigger System. 2005 , 20, 3796-3798	3
180	Production of WZ events in pp collisions at square root(s) = 1.96 TeV and limits on anomalous WWZ couplings. 2005 , 95, 141802	10
179	Search for first-generation scalar leptoquarks in pp collisions at $s=1.96$ TeV. 2005 , 71,	20
178	Transverse momentum resummation at small x for the Fermilab Tevatron and CERN LHC. 2005 , 72,	30
177	Measurement of $\langle pp \rightarrow Z \rangle \langle Br(Z \rightarrow \dots) \rangle$ at $s=1.96$ TeV. 2005 , 71,	20
176	TOOLS FOR THE SIMULATION OF HARD HADRONIC COLLISIONS. 2005 , 55, 555-588	17
175	Search for a heavy resonance decaying into a Z+jet final state in pp collisions at $s=1.96$ TeV using the D0 detector. 2006 , 74,	8
174	Measurement of the CP-violation parameter of B0 mixing and decay with $pp \rightarrow \dots$ data. 2006 , 74,	40
173	Measurement of the Bs(0) lifetime using semileptonic decays. 2006 , 97, 241801	22
172	Performance Measurement of the Upgraded D0 Central Track Trigger. 2006 ,	
171	D0 tracking experience From the inside looking out. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 566, 104-109 ^{1,2}	2
170	The upgraded D0 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2006 , 565, 463-537	1.2 465

169	Measurement of the isolated photon cross section in . 2006 , 639, 151-158	64
168	Search for . 2006 , 641, 423-431	26
167	Top quark physics at hadron colliders. 2006 , 48, 835-1000	38
166	Measurement of the top quark mass in the lepton+jets final state with the matrix element method. 2006 , 74,	43
165	Search for the standard model Higgs Boson in the $pp \rightarrow ZH \rightarrow \nu\nu b\bar{b}$ channel. 2006 , 97, 161803	12
164	Search for neutral, long-lived particles decaying into two muons in pp collisions at $\sqrt{s}=1.96$ TeV. 2006 , 97, 161802	24
163	Measurement of the top quark mass in the lepton+jets channel using the ideogram method. 2007 , 75,	26
162	Measurement of the $t\bar{t}$ production cross section in pp collisions using dilepton events. 2007 , 76,	26
161	Search for stopped gluinos from pp collisions at square root $s = 1.96$ TeV. 2007 , 99, 131801	35
160	Investigating the physics case of running a B-factory at the Upsilon(5S) resonance. 2007 , 2007, 005-005	6
159	Measurement of the shape of the boson rapidity distribution for $pp \rightarrow Z/\bar{\nu} \rightarrow e+e\bar{\nu} X$ events produced at s of 1.96 TeV. 2007 , 76,	58
158	Multivariate searches for single top quark production with the D0 detector. 2007 , 75,	15
157	Measurement of the $pp \rightarrow WZ+X$ cross section at $s=1.96$ TeV and limits on WWZ trilinear gauge couplings. 2007 , 76,	19
156	Search for single production of scalar leptoquarks in . 2007 , 647, 74-81	7
155	Search for a Higgs boson produced in association with a Z boson in pp collisions. 2007 , 655, 209-216	11
154	Measurement of the top quark mass in the dilepton channel. 2007 , 655, 7-14	14
153	Search for supersymmetry in di-photon final states at . 2008 , 659, 856-863	29
152	A combined search for the standard model Higgs boson at $s=1.96$ TeV. 2008 , 663, 26-36	15

151	Search for $t\bar{t}$ resonances in the lepton plus jets final state in pp collisions at $s=1.96\text{TeV}$. 2008 , 668, 98-104	37
150	Design and implementation of the new D0 level-1 calorimeter trigger. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 584, 75-97	1.2 91
149	Electronics calibration board for the ATLAS liquid argon calorimeters. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 593, 269-291	1.2 13
148	QCD at high : new Tevatron results and LHC prospects. 2008 , 177-178, 200-204	
147	$ZZ \rightarrow l+l$ production in pp collisions at $s=1.96\text{ TeV}$. 2008 , 78,	11
146	Measurement of the W Boson Mass at the Tevatron. 2008 , 58, 147-175	12
145	REVIEW OF TOP QUARK PHYSICS RESULTS. 2008 , 23, 353-471	20
144	Search for third generation scalar leptoquarks decaying into τ and b . 2008 , 101, 241802	21
143	Search for Randall-Sundrum gravitons with 1 fb^{-1} of data from pp collisions at $\sqrt{s}=1.96\text{ TeV}$. 2008 , 100, 091802	20
142	Search for pair production of doubly charged Higgs bosons in the $H^{++}H^{--} \rightarrow \mu^+ \mu^+ \mu^- \mu^-$ final state. 2008 , 101, 071803	43
141	Search for large extra dimensions via single photon plus missing energy final states at $\sqrt{s} = 1.96\text{ TeV}$. 2008 , 101, 011601	43
140	Search for long-lived particles decaying into electron or photon pairs with the D0 detector. 2008 , 101, 111802	18
139	High-temperature superconducting level meter for liquid argon detectors. 2008 , 3, P12001-P12001	3
138	Search for associated Higgs boson production at D0. 2008 , 110, 042029	
137	Gamma-Ray Spectrometers. 2009 , 773-796	
136	Measurement of trilinear gauge boson couplings from $WW+WZ \rightarrow l\bar{l}$ events in pp collisions at $s=1.96\text{ TeV}$. 2009 , 80,	12
135	Search for associated W and Higgs Boson production in pp collisions at $\sqrt{s}=1.96\text{ TeV}$. 2009 , 102, 051803	18
134	Search for the standard model Higgs boson in τ final states. 2009 , 102, 251801	14

133	Status of the D0 fiber tracker and preshower detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 598, 94-97	1.2	2
132	Muon detectors for colliders. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 598, 175-182	1.2	0
131	A novel method for modeling the recoil in W boson events at hadron colliders. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2009 , 609, 250-262	1.2	5
130	Measurement of $(pp \rightarrow Z+X)Br(Z \rightarrow \mu\mu)$ at $s=1.96$ TeV. 2009 , 670, 292-299		24
129	Search for pair production of second generation scalar leptoquarks. 2009 , 671, 224-232		22
128	Measurement of the $\sigma(pp \rightarrow Z+X)Br(Z \rightarrow \mu\mu)$. 2009 , 679, 177-185		28
127	Limits on isotropic Lorentz violation in QED from collider physics. 2009 , 80,		66
126	Advances in solid state photon detectors. 2009 , 4, P04004-P04004		238
125	Calorimeter operations in RunII at D0 2009 , 160, 012002		
124	Jet energy scale calibration in the D0 experiment. 2009 , 160, 012024		5
123	Searches for leptoquarks at Tevatron. 2009 , 171, 012084		
122	Search for flavor changing neutral currents via quark-gluon couplings in single top quark production using 2.3 fb ⁻¹ of $\sqrt{s}=1.96$ TeV data. 2010 , 693, 81-87		45
121	Search for Randall-Sundrum gravitons in the dielectron and diphoton final states with 5.4 fb ⁻¹ of data from pp collisions at square root(s) = 1.96 TeV. 2010 , 104, 241802		32
120	THE ATLAS ELECTROMAGNETIC CALORIMETERS: FEATURES AND PERFORMANCE. 2010 , 25, 1739-1760		2
119	OBSERVATION OF SINGLE TOP QUARK PRODUCTION AT THE TEVATRON COLLIDER. 2010 , 25, 309-339		11
118	Measurement of the tt cross section using high-multiplicity jet events. 2010 , 82,		11
117	Direct measurement of the mass difference between top and antitop quarks. 2011 , 84,		25
116	Detector Concepts: from Technologies to Physics Results. 2011 , 365-389		

115	Measurement of the Jet Energy Scale at DØ 2011 , 323, 012004		
114	Properties of the top quark. 2011 , 71, 1		10
113	B Physics and Charmonia. 2011 , 214, 153-158		
112	Real-time calibration of the A4 electromagnetic lead fluoride (PbF ₂) calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 640, 58-68	1.2	14
111	The D0 Silicon Microstrip Tracker. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011 , 634, 8-46	1.2	41
110	Search for a heavy neutral gauge boson in the dielectron channel with 5.4 fb ⁻¹ of pp collisions at s=1.96 TeV. 2011 , 695, 88-94		52
109	Search for WH associated production in 5.3 fb ⁻¹ of pp collisions at the Fermilab Tevatron. 2011 , 698, 6-13		16
108	Search for a fourth generation tLQuark in p p collisions at √s = 1.96 TeV. 2011 , 107, 082001		24
107	Multilepton signatures of a hidden sector in rare B decays. 2011 , 83,		63
106	Measurement of color flow in tt events from pp collisions at s=1.96 TeV. 2011 , 83,		14
105	Forward-backward asymmetry in top quark-antiquark production. 2011 , 84,		170
104	Precise measurement of the top quark mass in the dilepton channel at D0. 2011 , 107, 082004		17
103	Precision measurement of the ratio B(t→Wb)/B(t→Wq) and extraction of V(tb). 2011 , 107, 121802		33
102	Observation of Single Top Quark Production. 2011 , 61, 171-196		6
101	Search for WH associated production in pp collisions at s=1.96 TeV. 2012 , 86,		6
100	Combination of the top-quark mass measurements from the Tevatron collider. 2012 , 86,		104
99	Search for the standard model Higgs boson in associated WH production in 9.7 fb ⁻¹ of pp collisions with the D0 detector. 2012 , 109, 121804		13
98	Search for a narrow tt resonance in pp collisions at s=1.96 TeV. 2012 , 85,		28

97	Search for the standard model Higgs boson in $ZH \rightarrow (\tau^+ \tau^-)bb$ production with the D0 detector in 9.7 fb ⁻¹ of pp collisions at $\sqrt{s} = 1.96$ TeV. 2012 , 109, 121803	15
96	Measurement of the differential cross section $d\sigma/dt$ in elastic pp scattering at $s=1.96$ TeV. 2012 , 86,	41
95	Combined search for the standard model Higgs boson decaying to bb using the D0 run II data set. 2012 , 109, 121802	29
94	Measurement of the inclusive jet cross section in pp collisions at $s=1.96$ TeV. 2012 , 85,	47
93	Search for the standard model Higgs boson in tau lepton final states. 2012 , 714, 237-245	9
92	Search for the standard model Higgs boson in the $ZH \rightarrow \tau\tau bb$ channel in 9.5 fb ⁻¹ of pp collisions at $s=1.96$ TeV. 2012 , 716, 285-293	20
91	Limits on anomalous trilinear gauge boson couplings from WW, WZ and W τ production in . 2012 , 718, 451-459	27
90	Search for Higgs bosons of the minimal supersymmetric standard model in . 2012 , 710, 569-577	15
89	The Tevatron Collider Physics Legacy. 2013 , 63, 467-502	3
88	Photodetectors in Particle Physics Experiments. 2013 , 63, 329-349	1
87	Studies of W boson plus jets production in pp collisions at $s=1.96$ TeV. 2013 , 88,	16
86	Measurement of the asymmetry in angular distributions of leptons produced in dilepton $t\bar{t}$ final states in pp collisions at $s=1.96$ TeV. 2013 , 88,	34
85	Search for the Higgs boson in lepton, tau, and jets final states. 2013 , 88,	5
84	Search for Higgs boson production in oppositely charged dilepton and missing energy final states in 9.7 fb ⁻¹ of pp collisions at $s=1.96$ TeV. 2013 , 88,	6
83	Search for $ZH \rightarrow \tau\tau bb$ production in 9.7 fb ⁻¹ of pp collisions with the D0 detector. 2013 , 88,	5
82	Search for the standard model Higgs boson in τ jets final states in 9.7 fb ⁻¹ of pp collisions with the D0 detector. 2013 , 88,	8
81	Combined search for the Higgs boson with the D0 experiment. 2013 , 88,	16
80	TOP AND HIGGS PHYSICS AT THE HADRON COLLIDERS. 2013 , 28, 1330038	5

79	TOP QUARK PHYSICS AT THE TEVATRON. 2013 , 28, 1330013		2
78	Jet energy scale determination in the D0 experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 763, 442-475 ^{1,2}		20
77	Measurement of the electric charge of the top quark in tt events. 2014 , 90,		5
76	Measurement of the W boson mass with the D0 detector. 2014 , 89,		18
75	Measurement of the forward-backward asymmetry in top quark-antiquark production in pp collisions using the lepton+jets channel. 2014 , 90,		46
74	Measurement of the forward-backward asymmetry in the distribution of leptons in tt events in the lepton+jets channel. 2014 , 90,		18
73	Measurement of the W boson production charge asymmetry in $pp \rightarrow W+X \rightarrow e\mu X$ events at $\sqrt{s}=1.96$ TeV. 2014 , 112, 151803		14
72	Muon reconstruction and identification with the Run II D0 detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014 , 737, 281-294	1.2	24
71	Precision measurement of the top quark mass in lepton + jets final States. 2014 , 113, 032002		39
70	Precision measurement of the top-quark mass in lepton+jets final states. 2015 , 91,		14
69	Simultaneous measurement of forward-backward asymmetry and top polarization in dilepton final states from tt production at the Tevatron. 2015 , 92,		18
68	Review of physics results from the Tevatron: Electroweak physics. 2015 , 30, 1541004		3
67	Review of physics results from the Tevatron. 2015 , 30, 1541001		1
66	Measurement of the $\cos^2\theta^*$ distribution of muon pairs with masses between 30 and 500 GeV in 10.4 fb ⁻¹ of pp collisions. 2015 , 91,		7
65	Measurement of the electron charge asymmetry in $pp \rightarrow W+X \rightarrow e\mu X$ decays in pp collisions at $s=1.96$ TeV. 2015 , 91,		26
64	Measurement of the ratio of inclusive cross sections $(\sigma(pp \rightarrow Z+2b \text{ jets})/(\sigma(pp \rightarrow Z+2 \text{ jets}))$ in pp collisions at $s=1.96$ TeV. 2015 , 91,		2
63	Review of physics results from the Tevatron: Heavy flavor physics. 2015 , 30, 1541003		4
62	Gravitational mass of relativistic matter and antimatter. 2015 , 751, 29-33		2

61	The reconstruction software for the MICE scintillating fibre trackers. 2016 , 11, T12001-T12001	6
60	Experimental insight into b-hadron lifetimes. 2016 , 86, 1-34	
59	Combination of D0 measurements of the top quark mass. 2017 , 95,	1
58	Tevatron Run II combination of the effective leptonic electroweak mixing angle. 2018 , 97,	15
57	Using the Standard Linear Ramps of the CMS Superconducting Magnet for Measuring the Magnetic Flux Density in the Steel Flux-Return Yoke. 2019 , 55, 1-4	2
56	The XYZ states: Experimental and theoretical status and perspectives. 2020 , 873, 1-154	136
55	Photon Detectors. 2021 , 1-18	
54	On the impact of selected modern deep-learning techniques to the performance and celerity of classification models in an experimental high-energy physics use case. 2020 , 1, 045006	3
53	Electrons in Nonpolar Liquids. 2003 ,	1
52	Calorimetry at FCC-ee. 2021 , 136, 1	1
51	Issues in Calorimetry. 2001 , 313-367	
50	Optimal Use of Information for Measuring M_t in Lepton+jets $t\bar{t}$ Events. 2003 , 464-464	
49	Jet Algorithms at DØ 2003 , 140-146	
48	Measurement of the Z and W Boson Production Cross Section in the Electron Mode in $pp\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. 2003 , 266-272	
47	Top quark physics at hadron colliders. 2007 , 1-166	
46	6 Experimental Precision Tests for the Electroweak Standard Model. 2008 , 166-224	2
45	Properties of the top quark. 2011 , 179-255	
44	Detector Simulation. 2011 , 320-338	

43 Wybrane aspekty poszukiwań bozonu Higgsa z Modelu Standardowego w zderzeniach proton-proton w eksperymencie CMS przy LHC. **2014**,

42 The Top Is it There? A Survey of the CDF and D0 Experiments. **1995**, 227-296

41 Search for SUSY in the DØ Experiment. **1996**, 265-271

40 Electrical Safety of a Thin Superconducting Solenoid in an Iron Yoke. **1996**, 1889-1895 1

39 Searches for Pair Production of First Generation Leptoquark at DØ **1999**, 1235-1240

38 Tevatron Searches for Compositeness. **1999**, 1241-1244 1

37 Quark Mixing and CP Violation. **1999**, 487-595

36 Cherenkov detectors. **2020**, 437-476

35 Introduction. **2020**, 1-2

34 Non-electronic detectors. **2020**, 157-170

33 Transition radiation detectors. **2020**, 477-498

32 Signal formation by moving charges. **2020**, 127-156

31 Semiconductor detectors. **2020**, 255-372

30 Interactions of particles with matter. **2020**, 23-88

29 Particle identification. **2020**, 543-580

28 Trigger and data acquisition systems. **2020**, 795-814

27 Scintillation detectors. **2020**, 499-542

26 Particle Detectors. **2020**, 1

25 Movement of charge carriers in electric and magnetic fields. **2020**, 89-126

24 Photodetectors. **2020**, 405-436

23 Calorimeters. **2020**, 581-654

22 Signal processing, readout and noise. **2020**, 711-794

21 Track reconstruction and momentum measurement. **2020**, 373-404

20 Detectors for cosmic particles, neutrinos and exotic matter. **2020**, 655-710

19 Gas-filled detectors. **2020**, 171-254

18 Detector Simulation. **2020**, 485-531

17 Overview, history and concepts. **2020**, 3-22

16 Search for New Physics at the Tevatron. **2007**, 195-198

15 Performance of a large scale scintillating fiber tracker using VLPC readout.

14 Photon Detectors. **2021**, 353-370

13 Tevatron Greatest Hits.

12 Diffusion effects in drift chambers. **2020**, 823-824

11 Laplace transform. **2020**, 845-848

10 Ionisation statistics in drift chambers. **2020**, 825-826

9 Fitting of track models. **2020**, 837-840

8 Copyright Page. **2020**, iv-iv

7	Physical noise sources. 2020 , 849-854	○
6	Position resolution of structured electrodes. 2020 , 827-836	○
5	LPM effect. 2020 , 841-844	○
4	Dosimetry and radioactive sources. 2020 , 815-818	○
3	Preface. 2020 , v-vi	○
2	Abbreviations. 2020 , 911-914	○
1	Weighting potential of segmented electrodes. 2020 , 819-822	○