

Sergio Bertolucci

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361 papers	16,660 citations	66 h-index	117 g-index
375 ext. papers	17,931 ext. citations	4.9 avg, IF	2.99 L-index

#	Paper	IF	Citations
361	The ATLAS Experiment at the CERN Large Hadron Collider. <i>Journal of Instrumentation</i> , 2008 , 3, S08003-S08003	12.73	1273
360	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
359	The CDF detector: an overview. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1988 , 271, 387-403	1.2	415
358	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
357	Evidence for top quark production in p-bar p collisions at sqrt s = 1.8 TeV. <i>Physical Review Letters</i> , 1994 , 73, 225-231	7.4	338
356	A Large Hadron Electron Collider at CERN Report on the Physics and Design Concepts for Machine and Detector. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012 , 39, 075001	2.9	317
355	J/psi and psi(2S) Production in pp Collisions at sqrt s = 1.8 TeV. <i>Physical Review Letters</i> , 1997 , 79, 572-577	7.4	278
354	Topology of three-jet events in p-bar p collisions at sqrt s = 1.8 TeV. <i>Physical Review D</i> , 1992 , 45, 1448-1458	4.9	243
353	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
352	Inclusive J/psi, psi(2S), and b-quark production in p-bar p collisions at sqrt s = 1.8 TeV. <i>Physical Review Letters</i> , 1992 , 69, 3704-3708	7.4	230
351	Production of J/psi Mesons from B Meson Decays in pp Collisions at sqrt s = 1.8 TeV. <i>Physical Review Letters</i> , 1997 , 79, 578-583	7.4	221
350	The tracking detector of the KLOE experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 488, 51-73	1.2	210
349	The KLOE electromagnetic calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002 , 482, 364-386	1.2	209
348	Double parton scattering in pp collisions at sqrt s = 1.8 TeV. <i>Physical Review D</i> , 1997 , 56, 3811-3832	4.9	199
347	FCC-ee: The Lepton Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 261-623	2.3	193
346	Inclusive Jet Cross Section in p-bar p Collisions at sqrt s = 1.8 TeV. <i>Physical Review Letters</i> , 1996 , 77, 438-443	4.9	185
345	Measurement of alpha_s. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 606, 12-24	4.2	182

344	Observation of Bc mesons in pp collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review D</i> , 1998 , 58, 1105-1110	4.9	173
343	Transverse-momentum distributions of charged particles produced in p-barp interactions at $\sqrt{s}=630$ and 1800 GeV. <i>Physical Review Letters</i> , 1988 , 61, 1819-1822	7.4	172
342	Pseudorapidity distributions of charged particles produced in p-barp interactions at $\sqrt{s}=630$ and 1800 GeV. <i>Physical Review D</i> , 1990 , 41, 2330-2333	4.9	171
341	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
340	Search for the top quark in the reaction p-barp \rightarrow electron+jets at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1990 , 64, 142-146	7.4	153
339	Search for New Gauge Bosons Decaying into Dileptons in p-p Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1997 , 79, 2192-2197	7.4	140
338	Study of the decay $\Xi_{cc}^{++}\rightarrow\Xi_{cc}^{+}\pi^{+}$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 537, 21-27	4.2	136
337	Study of four-jet events and evidence for double parton interactions in pp-bar collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review D</i> , 1993 , 47, 4857-4871	4.9	131
336	The CDF central and endwall hadron calorimeter. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1988 , 267, 301-314	1.2	131
335	Lower limit on the top-quark mass from events with two leptons in pp-bar collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1992 , 68, 447-451	7.4	130
334	Measurement of the W-boson mass. <i>Physical Review Letters</i> , 1990 , 65, 2243-2246	7.4	128
333	Search for Flavor-Changing Neutral Current Decays of the Top Quark in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1998 , 80, 2525-2530	7.4	124
332	Measurement of small angle antiproton-proton elastic scattering at $\sqrt{s}=546$ and 1800 GeV. <i>Physical Review D</i> , 1994 , 50, 5518-5534	4.9	124
331	Measurement of $\Gamma(e^{+}e^{-}\rightarrow\pi^{0}\pi^{0})$ and the dipion contribution to the muon anomaly with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 670, 285-291	4.2	123
330	Charged-particle multiplicities in pp interactions at $\sqrt{s}=1.8\text{TeV}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 688, 21-42	4.2	121
329	Search for squarks and gluinos from p-barp collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1992 , 69, 3439-3443	7.4	117
328	Measurement of the B Meson Differential Cross Section $d\sigma/dp_T$ in pp-bar Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1995 , 75, 1451-1455	7.4	116
327	Limits on the masses of supersymmetric particles from 1.8-TeV pp-bar collisions. <i>Physical Review Letters</i> , 1989 , 62, 1825-1828	7.4	109

326	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at 7 TeV centre-of-mass energy with the ATLAS detector. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	103
325	Transverse momentum and total cross section of $e^{+}e^{-}$ pairs in the Z-boson region from p&p collisions at sqrt. <i>Physical Review Letters</i> , 2000 , 84, 845-50	7.4	101
324	Measurement of $\sin^2\theta_W$ from $B \rightarrow J/\psi K_S^0$ with the CDF detector. <i>Physical Review D</i> , 2000 , 61,	4.9	100
323	Search for new particles decaying to dijets at CDF. <i>Physical Review D</i> , 1997 , 55, R5263-R5268	4.9	98
322	Search for new particles in two-jet final states in 7 TeV proton-proton collisions with the ATLAS detector at the LHC. <i>Physical Review Letters</i> , 2010 , 105, 161801	7.4	97
321	Production of Upsilon(1S) mesons from $\chi(b)$ decays in p&p collisions at sqrt. <i>Physical Review Letters</i> , 2000 , 84, 2094-9	7.4	97
320	Study of the decay $\Xi \rightarrow \Sigma \pi$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 536, 209-216	4.2	96
319	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
318	Measurement of Double Parton Scattering in p&p Collisions at s=1.8TeV. <i>Physical Review Letters</i> , 1997 , 79, 584-589	7.4	95
317	Search for new heavy quarks in electron-muon events at the Fermilab Tevatron Collider. <i>Physical Review Letters</i> , 1990 , 64, 147-151	7.4	93
316	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
315	Measurement of the W-boson mass in 1.8-TeV p-bar p collisions. <i>Physical Review D</i> , 1991 , 43, 2070-2093	4.9	90
314	Measurement of the W boson mass. <i>Physical Review D</i> , 1995 , 52, 4784-4827	4.9	89
313	Inclusive χ_c and b-quark production in p-bar p collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1993 , 71, 2537-2541	7.4	89
312	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
311	Measurement of the pseudoscalar mixing angle and θ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007 , 648, 267-273	4.2	86
310	Measurement of the mass and width of the Z0 boson at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1989 , 63, 720-723	7.4	82
309	Observation of Diffractive W-Boson Production at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1997 , 78, 2698-2703	7.4	78

308	Upsilon production in pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 75, 4358-4363	7.4	77
307	Inclusive jet cross section in p-bar p collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1992 , 68, 1104-1108	7.4	75
306	Measurement of the Top Quark Mass. <i>Physical Review Letters</i> , 1998 , 80, 2767-2772	7.4	73
305	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
304	Measurement of the W boson mass. <i>Physical Review Letters</i> , 1995 , 75, 11-16	7.4	73
303	Measurement of Dijet Angular Distributions by the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1996 , 77, 5336-5341	7.4	70
302	Measurement of Diffractive Dijet Production at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1997 , 79, 2636-2641	7.4	69
301	Limit on the top-quark mass from proton-antiproton collisions at sqrt s =1.8 TeV. <i>Physical Review D</i> , 1992 , 45, 3921-3948	4.9	69
300	Measurement of the inclusive jet cross section in p-bar p collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1989 , 62, 613-616	7.4	69
299	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
298	Measurement of the Top Quark Mass with the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1999 , 82, 271-276	7.4	68
297	Study of the decay . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 634, 148-154	4.2	67
296	Volume I. Introduction to DUNE. <i>Journal of Instrumentation</i> , 2020 , 15, T08008-T08008	1	67
295	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
294	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
293	Measurement of bb production correlations, B0B0 mixing, and a limit on B in pp collisions at s=1.8 TeV. <i>Physical Review D</i> , 1997 , 55, 2546-2558	4.9	64
292	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
291	First Observation of the All-Hadronic Decay of tt Pairs. <i>Physical Review Letters</i> , 1997 , 79, 1992-1997	7.4	61

290	Prompt photon cross section measurement in p-bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1993 , 48, 2998-3025	4.9	61
289	Measurement of $\sigma_B(W \rightarrow e \nu)$ and $\sigma_B(Z^0 \rightarrow e^+ e^-)$ in p-bar p collisions at $\sqrt{s}=1800$ GeV. <i>Physical Review D</i> , 1991 , 44, 29-52	4.9	61
288	First observation of quantum interference in the process $\gamma \rightarrow K_S K_L \rightarrow \pi^+ \pi^-$ A test of quantum mechanics and CPT symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 642, 315-321	4.2	60
287	Search for the decays $B_d^0 \rightarrow \pi^+ \pi^-$ and $B_s^0 \rightarrow \pi^+ \pi^-$ in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1998 , 57, R3811-R3816	4.9	59
286	Dijet Production by Color-Singlet Exchange at the Fermilab Tevatron. <i>Physical Review Letters</i> , 1998 , 80, 1156-1161	7.4	59
285	Measurement of $\sigma_B(W \rightarrow e \nu)$ and $\sigma_B(Z^0 \rightarrow e^+ e^-)$ in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1996 , 76, 3070-3075	7.4	59
284	Measurement of W-photon couplings in p-p-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995 , 74, 1936-1940	7.4	57
283	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
282	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
281	Measurements of the absolute branching ratios for the dominant $B \rightarrow \pi \pi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 43-50	4.2	55
280	New experimental limit on the Pauli exclusion principle violation by electrons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 641, 18-22	4.2	55
279	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s}=7$ TeV measured with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 694, 327-345	4.2	53
278	Dalitz plot analysis of $e^+ e^- \rightarrow \pi^+ \pi^- \pi^0$ events at $(\sqrt{s})_{\text{min}} = M_{\pi^0}$ with the KLOE detector. <i>European Physical Journal C</i> , 2007 , 49, 473	4.2	53
277	Study of the branching ratio and charge asymmetry for the decay $K_S \rightarrow \pi^+ \pi^-$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 173-182	4.2	52
276	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
275	Search for Third Generation Leptoquarks in p-p Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1997 , 78, 2906-2911	7.4	49
274	Search for scalar top and scalar bottom quarks in pp collisions at square root $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 2000 , 84, 5704-9	7.4	49
273	Search for New Gauge Bosons in p-bar p Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 68, 1463-1467	7.4	48

272	Measurement of the isolated prompt photon cross section in p-bar p collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 68, 2734-2738	7.4	47
271	Study of the $\phi(1020)$ meson via the radiative decay $\phi \rightarrow \gamma \pi^0 \pi^0$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009 , 681, 5-13	4.2	46
270	Search for gluinos and squarks at the Fermilab Tevatron collider. <i>Physical Review D</i> , 1997 , 56, R1357-R1362	4.9	46
269	Measurement of the helicity of W bosons in top quark decays. <i>Physical Review Letters</i> , 2000 , 84, 216-21	7.4	46
268	Measurement of the ratio $\sigma_B(pp\text{-bar} \rightarrow W \rightarrow e \nu) / \sigma_B(pp\text{-bar} \rightarrow Z^0 \rightarrow ee)$ in pp-bar collisions at $\sqrt{s}=1800$ GeV. <i>Physical Review D</i> , 1995 , 52, 2624-2655	4.9	45
267	Search for First Generation Leptoquark Pair Production in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1997 , 79, 4327-4332	7.4	44
266	The SPARC project: a high-brightness electron beam source at LNF to drive a SASE-FEL experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 507, 345-349	1.2	44
265	Measurement of B hadron lifetimes using J/ψ final states at CDF. <i>Physical Review D</i> , 1998 , 57, 5382-5401	4.9	44
264	Study of the decay $\phi \rightarrow \pi^0 \pi^0$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 561, 55-60	4.2	43
263	Measurement of $\langle \cos \theta_{12} \rangle$ and the pseudoscalar mixing angle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002 , 541, 45-51	4.2	42
262	Searches for New Physics in Diphoton Events in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1998 , 81, 1791-1796	7.4	42
261	Search for the Flavor-Changing Neutral Current Decays $B^+ \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review Letters</i> , 1999 , 83, 3378-3383	7.4	42
260	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
259	Comparison of jet production in p-bar p collisions at $\sqrt{s}=546$ and 1800 GeV. <i>Physical Review Letters</i> , 1993 , 70, 1376-1380	7.4	42
258	Observation of diffractive b-quark production at the fermilab tevatron. <i>Physical Review Letters</i> , 2000 , 84, 232-7	7.4	41
257	Measurement of the $t\bar{t}$ Production Cross Section in pp Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1998 , 80, 2773-2778	7.4	41
256	Searches for new physics in diphoton events in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1999 , 59,	4.9	40
255	Measurement of correlated micro-b-bar jet cross sections in pp-bar collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1996 , 53, 1051-1065	4.9	40

254	Observation of $B^0 \rightarrow J/\psi$ at the Fermilab proton-antiproton collider. <i>Physical Review D</i> , 1997 , 55, 1142-1152.	4.9	38
253	Measurement of the absolute branching ratio for the $B^0 \rightarrow J/\psi$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 632, 76-80	4.2	38
252	Measurement of the form-factor slopes for the decay $K_L \rightarrow \pi^0 e^+ e^-$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 636, 166-172	4.2	38
251	Measurement of the W-boson PT distribution in p-bar p collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1991 , 66, 2951-2955	7.4	38
250	Top-quark search in the electron+jets channel in proton-antiproton collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1991 , 43, 664-686	4.9	38
249	Measurement of the $B^0 B^0$ Oscillation Frequency Using B Meson Charge-Flavor Correlations in pp Collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1998 , 80, 2057-2062	7.4	37
248	Two-jet invariant-mass distribution at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1990 , 41, 1722-1725	4.9	37
247	Evidence for $W+W$ Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1997 , 78, 4536-4540.	7.4	36
246	Study of the process $B^0 \rightarrow J/\psi K^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 669, 223-228	4.2	36
245	Measurement of the DAΦNE luminosity with the KLOE detector using large angle Bhabha scattering. <i>European Physical Journal C</i> , 2006 , 47, 589	4.2	36
244	Measurement of jet shapes in p-bar p collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1993 , 70, 713-717	7.4	36
243	Measurement of the production and muonic decay rate of W and Z bosons in pp -bar collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 69, 28-32	7.4	36
242	Measurement of the B-meson and b-quark cross sections at $\sqrt{s} = 1.8$ TeV using the exclusive decay $B^+ \rightarrow J/\psi K^+$. <i>Physical Review Letters</i> , 1992 , 68, 3403-3407	7.4	36
241	Search for the charged Higgs boson in the decays of top quark pairs in the e^+e^- and $q\bar{q}$ channels at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 2000 , 62,	4.9	35
240	Search for gluino and squark cascade decays at the Fermilab tevatron collider. <i>Physical Review Letters</i> , 1996 , 76, 2006-2010	7.4	35
239	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
238	A global fit to determine the pseudoscalar mixing angle and the gluonium content of the η meson. <i>Journal of High Energy Physics</i> , 2009 , 2009, 105-105	5.4	33
237	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

236	Limits on Z-photon couplings from p-p-bar interactions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1995 , 74, 1941-1945	7.4	33
235	The Sun and its Planets as detectors for invisible matter. <i>Physics of the Dark Universe</i> , 2017 , 17, 13-21	4.4	31
234	The Γ and e Γ 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
233	Measurement of the $\sigma_{\text{had}}/\sigma_{\text{had}}^{\text{had}}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 626, 15-23	4.2	30
232	Events with a Rapidity Gap between Jets in p-p Collisions at $\sqrt{s}=630\text{GeV}$. <i>Physical Review Letters</i> , 1998 , 81, 5278-5283	7.4	30
231	Search for first-generation leptoquarks in p-bar p collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review D</i> , 1993 , 48, R3939-R3944	4.9	30
230	Measurement of the cross section for production of two isolated prompt photons in pp-bar collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1993 , 70, 2232-2236	7.4	30
229	Measurement of the ratio $\sigma_B(W\rightarrow e\nu)/\sigma_B(Z\rightarrow e+e-)$ in p-bar p collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1994 , 73, 220-224	7.4	30
228	Measurement of the e+e- Invariant-Mass Distribution in p-bar p Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1991 , 67, 2418-2422	7.4	30
227	Kinematic evidence for top quark pair production in W+multijet events in pp-bar collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review D</i> , 1995 , 51, 4623-4637	4.9	29
226	Search for excited quarks in pp-bar collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1994 , 72, 3004-3008	7.4	29
225	Measurement of the Z-boson pT distribution in p-bar p collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1991 , 67, 2937-2941	7.4	29
224	Search for $W'\rightarrow e\nu$ and $W'\rightarrow \mu\nu$ in p-bar p Collisions at $\sqrt{s}=1.8\text{TeV}$. <i>Physical Review Letters</i> , 1991 , 67, 2609-2613	7.4	29
223	First results on ProtoDUNE-SP liquid argon time projection chamber performance from a beam test at the CERN Neutrino Platform. <i>Journal of Instrumentation</i> , 2020 , 15, P12004-P12004	1	29
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