

Nicola Turini

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313
papers

15,712
citations

67
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112
g-index

322
ext. papers

16,722
ext. citations

5.7
avg, IF

3.24
L-index

#	Paper	IF	Citations
313	Observation of Top Quark Production in p-barp Collisions with the Collider Detector at Fermilab. <i>Physical Review Letters</i> , 1995 , 74, 2626-2631	7.4	1067
312	Evidence for top quark production in p-barp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1994 , 50, 2966-3026	4.9	384
311	Variable Very High Energy γ Ray Emission from Markarian 501. <i>Astrophysical Journal</i> , 2007 , 669, 862-883	4.7	371
310	Very-high-energy gamma rays from a distant quasar: how transparent is the universe?. <i>Science</i> , 2008 , 320, 1752-4	33.3	312
309	Variable very-high-energy gamma-ray emission from the microquasar LS I +61 303. <i>Science</i> , 2006 , 312, 1771-3	33.3	310
308	Observation of Bs(0)-Bs(0) oscillations. <i>Physical Review Letters</i> , 2006 , 97, 242003	7.4	274
307	Topology of three-jet events in p-barp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review D</i> , 1992 , 45, 1448-1458	7.9	243
306	Inclusive J/psi, psi(2S), and b-quark production in p-barp collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 69, 3704-3708	7.4	230
305	VHE γ Ray Observation of the Crab Nebula and its Pulsar with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2008 , 674, 1037-1055	4.7	212
304	Evidence for a narrow near-threshold structure in the J/psi mass spectrum in B _s ⁺ → J/psi K _s ⁺ decays. <i>Physical Review Letters</i> , 2009 , 102, 242002	7.4	211
303	First measurement of the total proton-proton cross-section at the LHC energy of $\sqrt{s} = 7$ TeV. <i>Europhysics Letters</i> , 2011 , 96, 21002	1.6	196
302	Forward-backward asymmetry in top-quark production in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 202001	7.4	177
301	Measurements of inclusive W and Z cross sections in p-p collisions at $\sqrt{s} = 1.96$ TeV. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, 2457-2544	2.9	174
300	Very High Energy Gamma-Ray Radiation from the Stellar Mass Black Hole Binary Cygnus X-1. <i>Astrophysical Journal</i> , 2007 , 665, L51-L54	4.7	174
299	Polarizations of J/psi and psi(2S) mesons produced in pp collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , 2007 , 99, 132001	7.4	165
298	Search for Bs0 → micro+ micro- and B0 → micro+ micro- decays with 2 fb ⁻¹ of pp collisions. <i>Physical Review Letters</i> , 2008 , 100, 101802	7.4	164
297	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

296	First flavor-tagged determination of bounds on mixing-induced CP violation in $B_s^0 \rightarrow J/\psi\phi$ decays. <i>Physical Review Letters</i> , 2008 , 100, 161802	7.4	161
295	Analysis of the quantum numbers $J(PC)$ of the $X(3872)$ particle. <i>Physical Review Letters</i> , 2007 , 98, 132002	7.4	159
294	Radio imaging of the very-high-energy gamma-ray emission region in the central engine of a radio galaxy. <i>Science</i> , 2009 , 325, 444-8	33.3	156
293	Observation of pulsed gamma-rays above 25 GeV from the Crab pulsar with MAGIC. <i>Science</i> , 2008 , 322, 1221-4	33.3	148
292	Probing quantum gravity using photons from a flare of the active galactic nucleus Markarian 501 observed by the MAGIC telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 668, 253-257	4.2	148
291	Discovery of Very High Energy Gamma Radiation from IC 443 with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2007 , 664, L87-L90	4.7	144
290	The Silicon Vertex Detector of the Collider Detector at Fermilab. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1994 , 350, 73-130	1.2	141
289	Measurement of proton-proton elastic scattering and total cross-section at $\sqrt{s} = 7, \text{TeV}$. <i>Europhysics Letters</i> , 2013 , 101, 21002	1.6	135
288	Luminosity-independent measurement of the proton-proton total cross section at $\sqrt{s} = 8 \text{ TeV}$. <i>Physical Review Letters</i> , 2013 , 111, 012001	7.4	131
287	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
286	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
285	Observation of exclusive charmonium production and $\gamma\gamma \rightarrow \mu^+\mu^-$ in pp -bar collisions at $\sqrt{s} = 1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2009 , 102, 242001	7.4	126
284	Luminosity-independent measurements of total, elastic and inelastic cross-sections at $\sqrt{s} = 7, \text{TeV}$. <i>Europhysics Letters</i> , 2013 , 101, 21004	1.6	125
283	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
282	Observation of Gamma Rays from the Galactic Center with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2006 , 638, L101-L104	4.7	123
281	Search for squarks and gluinos from pp -bar collisions at $\sqrt{s} = 1.8 \text{ TeV}$. <i>Physical Review Letters</i> , 1992 , 69, 3439-3443	7.4	117
280	Implementation of the Random Forest method for the Imaging Atmospheric Cherenkov Telescope MAGIC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 588, 424-432	1.2	116
279	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

278	Proton-proton elastic scattering at the LHC energy of $\sqrt{s} = 7, \text{TeV}$. <i>Europhysics Letters</i> , 2011 , 95, 41001	1.6	115
277	Intermediate silicon layers detector for the CDF experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000 , 453, 84-88	1.2	114
276	First measurement of the $t\bar{t}$ differential cross section $d\sigma/dM_{t\bar{t}}$ in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2009 , 102, 222003	7.4	113
275	Measurement of the dipion mass spectrum in decays. <i>Physical Review Letters</i> , 2006 , 96, 102002	7.4	104
274	Observations of Markarian 421 with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2007 , 663, 125-138	4.7	97
273	Measurement of p -barp single diffraction dissociation at $\sqrt{s} = 546$ and 1800 GeV . <i>Physical Review D</i> , 1994 , 50, 5535-5549	4.9	96
272	Observation of the baryonic flavor-changing neutral current decay $B(0) \rightarrow \mu\mu$. <i>Physical Review Letters</i> , 2011 , 107, 201802	7.4	95
271	Observation of the Heavy Baryons Σ_b and Σ_b^* . <i>Physical Review Letters</i> , 2007 , 99, 202001	7.4	93
270	Evidence for D_0 - $D(0)$ mixing using the CDF II detector. <i>Physical Review Letters</i> , 2008 , 100, 121802	7.4	91
269	Precision measurement of the prompt photon cross section in pp -bar collisions at $\sqrt{s} = 1.8 \text{ TeV}$. <i>Physical Review Letters</i> , 1994 , 73, 2662-2666	7.4	91
268	Observation of the decay $B_{c+/-} \rightarrow J/\psi_{\pi} +/-$ and measurement of the $B_{c+/-}$ mass. <i>Physical Review Letters</i> , 2008 , 100, 182002	7.4	90
267	Measurement of the W boson mass. <i>Physical Review D</i> , 1995 , 52, 4784-4827	4.9	89
266	Inclusive χ_c and b-quark production in p -barp collisions at $\sqrt{s} = 1.8 \text{ TeV}$. <i>Physical Review Letters</i> , 1993 , 71, 2537-2541	7.4	89
265	Search for charged Higgs bosons in decays of top quarks in pp collisions at square root $s = 1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2009 , 103, 101803	7.4	87
264	Discovery of Very High Energy γ Ray Emission from the Low-Frequency-peaked BL Lacertae Object BL Lacertae. <i>Astrophysical Journal</i> , 2007 , 666, L17-L20	4.7	87
263	Discovery of Very High Energy γ Rays from 1ES 1011+496 at $z = 0.212$. <i>Astrophysical Journal</i> , 2007 , 667, L21-L24	4.7	85
262	Observation of VHE γ rays from Cassiopeia A with the MAGIC telescope. <i>Astronomy and Astrophysics</i> , 2007 , 474, 937-940	5.1	82
261	Improving the performance of the single-dish Cherenkov telescope MAGIC through the use of signal timing. <i>Astroparticle Physics</i> , 2009 , 30, 293-305	2.4	80

260	PERIODIC VERY HIGH ENERGY GAMMA EMISSION FROM LS I +61 β 03 OBSERVED WITH THE MAGIC TELESCOPE. <i>Astrophysical Journal</i> , 2009 , 693, 303-310	4.7	78
259	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
258	Upsilon production in pp-bar collisions at sqrt s=1.8 TeV. <i>Physical Review Letters</i> , 1995 , 75, 4358-4363	7.4	77
257	Evidence for non-exponential elastic proton-proton differential cross-section at low t and s=8TeV by TOTEM. <i>Nuclear Physics B</i> , 2015 , 899, 527-546	2.8	76
256	The TOTEM Experiment at the CERN Large Hadron Collider. <i>Journal of Instrumentation</i> , 2008 , 3, S08007-S08007	7.6	76
255	Very High Energy Gamma-Ray Observations of Strong Flaring Activity in M87 in 2008 February. <i>Astrophysical Journal</i> , 2008 , 685, L23-L26	4.7	76
254	LHC forward physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016 , 43, 110201	2.9	75
253	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. <i>Astrophysical Journal</i> , 2009 , 691, L13-L19	4.7	74
252	Discovery of Very High Energy Gamma Rays from 1ES 1218+30.4. <i>Astrophysical Journal</i> , 2006 , 642, L119-L122	4.7	73
251	Search for large extra dimensions in final states containing one photon or jet and large missing transverse energy produced in pp collisions at square root[s]=1.96 TeV. <i>Physical Review Letters</i> , 2008 , 101, 181602	7.4	72
250	Precision measurement of the X(3872) mass in J/psi pi(+) pi(-) decays. <i>Physical Review Letters</i> , 2009 , 103, 152001	7.4	71
249	Discovery of Very High Energy Gamma Rays from Markarian 180 Triggered by an Optical Outburst. <i>Astrophysical Journal</i> , 2006 , 648, L105-L108	4.7	70
248	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
247	Direct measurement of the W production charge asymmetry in pp collisions at square root s=1.96 TeV. <i>Physical Review Letters</i> , 2009 , 102, 181801	7.4	67
246	Observation of exclusive electron-positron production in hadron-hadron collisions. <i>Physical Review Letters</i> , 2007 , 98, 112001	7.4	67
245	Measurement of elastic pp scattering at (sqrt{s}) = s TeV in the Coulomb-nuclear interference region: determination of the (rho)-parameter and the total cross-section. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	66
244	MAGIC Upper Limits on the Very High Energy Emission from Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2007 , 667, 358-366	4.7	65
243	Search for new physics in high-mass electron-positron events in pp collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , 2007 , 99, 171802	7.4	65

242	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
241	Inclusive search for squark and gluino production in pp[over] collisions at sqrt[s]=1.96 TeV. <i>Physical Review Letters</i> , 2009 , 102, 121801	7.4	64
240	Observation of rapidity gaps in p-barp collisions at 1.8 TeV. <i>Physical Review Letters</i> , 1995 , 74, 855-859	7.4	64
239	Unfolding of differential energy spectra in the MAGIC experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007 , 583, 494-506	1.2	63
238	Search for ZL--> e+ e- using dielectron mass and angular distribution. <i>Physical Review Letters</i> , 2006 , 96, 211801	7.4	63
237	Commissioning and first tests of the MAGIC telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2004 , 518, 188-192 ^{1.2}	1.2	63
236	DISCOVERY OF VERY HIGH ENERGY RAYS FROM THE BLAZAR S5 0716+714. <i>Astrophysical Journal</i> , 2009 , 704, L129-L133	4.7	61
235	Simultaneous Multiwavelength Observations of the Blazar 1ES 1959+650 at a Low TeV Flux. <i>Astrophysical Journal</i> , 2008 , 679, 1029-1039	4.7	61
234	Prompt photon cross section measurement in p-barp collisions at sqrt s =1.8 TeV. <i>Physical Review D</i> , 1993 , 48, 2998-3025	4.9	61
233	Measurement of inclusive jet cross sections in Z/gamma*(-->e+e-) + jets production in pp[over] collisions at square root s = 1.96 TeV. <i>Physical Review Letters</i> , 2008 , 100, 102001	7.4	60
232	MAGIC Observations of the Unidentified RAY Source TeV J2032+4130. <i>Astrophysical Journal</i> , 2008 , 675, L25-L28	4.7	59
231	Detection of Very High Energy Radiation from the BL Lacertae Object PG 1553+113 with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2007 , 654, L119-L122	4.7	59
230	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
229	Search for exclusive gammagamma production in Hadron-Hadron collisions. <i>Physical Review Letters</i> , 2007 , 99, 242002	7.4	56
228	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
227	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
226	Measurement of the W+ W- production cross section and search for anomalous WW and WWZ couplings in pp collisions at square root(s)=1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 201801	7.4	55
225	Upper Limit for RAY Emission above 140 GeV from the Dwarf Spheroidal Galaxy Draco. <i>Astrophysical Journal</i> , 2008 , 679, 428-431	4.7	55

224	Search for exclusive Z-boson production and observation of high-mass $pp \rightarrow p\gamma\gamma p$ events in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 222002	7.4	54
223	Search for supersymmetry in pp collisions at $\sqrt{s}=1.96$ TeV Using the trilepton signature for chargino-neutralino production. <i>Physical Review Letters</i> , 2008 , 101, 251801	7.4	52
222	Measurement of proton-proton inelastic scattering cross-section at $\sqrt{s} = 7$ TeV. <i>Europhysics Letters</i> , 2013 , 101, 21003	1.6	51
221	Search for top-quark production via flavor-changing neutral currents in $W+1$ jet events at CDF. <i>Physical Review Letters</i> , 2009 , 102, 151801	7.4	51
220	Multiwavelength (Radio, X-Ray, and γ Ray) Observations of the γ Ray Binary LS I +61 303. <i>Astrophysical Journal</i> , 2008 , 684, 1351-1358	4.7	51
219	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
218	Search for the flavor-changing neutral-current decay $t \rightarrow Zq$ in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 101, 192002	7.4	50
217	Observation of Very High Energy Gamma-Ray Emission from the Active Galactic Nucleus 1ES 1959+650 Using the MAGIC Telescope. <i>Astrophysical Journal</i> , 2006 , 639, 761-765	4.7	50
216	Observation of $B(s)0 \rightarrow K^+ K^-$ and measurements of branching fractions of charmless two-body decays of $B0$ and $B(s)0$ mesons in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 211802	7.4	50
215	Measurement of the lifetime difference between B_s mass eigenstates. <i>Physical Review Letters</i> , 2005 , 94, 101803	7.4	50
214	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
213	Dijet production by double pomeron exchange at the fermilab tevatron. <i>Physical Review Letters</i> , 2000 , 85, 4215-20	7.4	49
212	SIMULTANEOUS MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 DURING OUTBURST. <i>Astrophysical Journal</i> , 2009 , 703, 169-178	4.7	48
211	Search for New Gauge Bosons in p -bar p Collisions at $s=1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 68, 1463-1467	7.4	48
210	First measurement of elastic, inelastic and total cross-section at $(\sqrt{s}=13)$ TeV by TOTEM and overview of cross-section data at LHC energies. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	47
209	Measurement of $\sigma(\chi_{c2} \rightarrow J/\psi \gamma) / \sigma(\chi_{c1} \rightarrow J/\psi \gamma)$ in pp collisions at square root $s=1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 232001	7.4	47
208	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
207	DISCOVERY OF A VERY HIGH ENERGY GAMMA-RAY SIGNAL FROM THE 3C 66A/B REGION. <i>Astrophysical Journal</i> , 2009 , 692, L29-L33	4.7	46

206	Measurement of the ratio $\sigma_B(pp\text{-bar}\rightarrow W\rightarrow e\nu)/\sigma_B(pp\text{-bar}\rightarrow Z0\rightarrow ee)$ in pp-bar collisions at $\sqrt{s}=1800$ GeV. <i>Physical Review D</i> , 1995 , 52, 2624-2655	4.9	45
205	CORRELATED X-RAY AND VERY HIGH ENERGY EMISSION IN THE GAMMA-RAY BINARY LS I +61 303. <i>Astrophysical Journal</i> , 2009 , 706, L27-L32	4.7	44
204	Measurement of the single-top-quark production cross section at CDF. <i>Physical Review Letters</i> , 2008 , 101, 252001	7.4	44
203	Observation of VHE Gamma Radiation from HESS J1834-087/W41 with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2006 , 643, L53-L56	4.7	44
202	Search for doubly charged Higgs bosons with lepton-flavor-violating decays involving tau leptons. <i>Physical Review Letters</i> , 2008 , 101, 121801	7.4	42
201	Observation of Very High Energy γ Rays from the AGN 1ES 2344+514 in a Low Emission State with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2007 , 662, 892-899	4.7	42
200	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
199	Comparison of jet production in p-barp collisions at $\sqrt{s}=546$ and 1800 GeV. <i>Physical Review Letters</i> , 1993 , 70, 1376-1380	7.4	42
198	Search for large extra dimensions in the production of jets and missing transverse energy in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2006 , 97, 171802	7.4	41
197	UPPER LIMITS ON THE VHE GAMMA-RAY EMISSION FROM THE WILLMAN 1 SATELLITE GALAXY WITH THE MAGIC TELESCOPE. <i>Astrophysical Journal</i> , 2009 , 697, 1299-1304	4.7	40
196	Inclusive search for new physics with like-sign dilepton events in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2007 , 98, 221803	7.4	39
195	Measurement of the top-quark mass with dilepton events selected using neuroevolution at CDF. <i>Physical Review Letters</i> , 2009 , 102, 152001	7.4	38
194	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at $(\sqrt{s} = 8)$ TeV by the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2014 , 74, 1	4.2	37
193	Measurement of the forward-backward asymmetry in the $B\rightarrow K^*(\tau^+)(\tau^-)$ decay and first observation of the $B(s)0\rightarrow\tau^+(\tau^-)(\tau^-)$ decay. <i>Physical Review Letters</i> , 2011 , 106, 161801	7.4	37
192	Search for resonant $t\bar{t}$ production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 231801	7.4	37
191	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
190	First measurement of the W-boson mass in run II of the Tevatron. <i>Physical Review Letters</i> , 2007 , 99, 151801	7.4	37
189	Measurement of Lifetime and Decay-Width Difference in $B_{\{s\};\{0\}}\rightarrow J/\psi\varphi$ Decays. <i>Physical Review Letters</i> , 2008 , 100, 121803	7.4	36

188	FADC signal reconstruction for the MAGIC telescope. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2008 , 594, 407-419 ^{1,2}		36
187	Measurement of partial widths and search for direct CP violation in D0 meson decays to K-K+ and pi-pi+. <i>Physical Review Letters</i> , 2005 , 94, 122001	7-4	36
186	Measurement of jet shapes in p-bar p collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1993 , 70, 713-717		36
185	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
184	Measurement of the B-meson and b-quark cross sections at sqrt s =1.8 TeV using the exclusive decay B+/->J/psi K+/- . <i>Physical Review Letters</i> , 1992 , 68, 3403-3407	7-4	36
183	SIMULTANEOUS MULTIWAVELENGTH OBSERVATION OF Mkn 501 IN A LOW STATE IN 2006. <i>Astrophysical Journal</i> , 2009 , 705, 1624-1631	4-7	35
182	Flux Upper Limit on Gamma-Ray Emission by GRB 050713a from MAGIC Telescope Observations. <i>Astrophysical Journal</i> , 2006 , 641, L9-L12	4-7	35
181	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
180	Top quark mass measurement in the lepton + jets channel using a matrix element method and in situ jet energy calibration. <i>Physical Review Letters</i> , 2010 , 105, 252001	7-4	34
179	The AMS-02 electromagnetic calorimeter. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2002 , 113, 159-165		34
178	Double diffraction dissociation at the Fermilab Tevatron collider. <i>Physical Review Letters</i> , 2001 , 87, 141802		34
177	Evidence for color coherence in pp-bar collisions at sqrt s =1.8 TeV. <i>Physical Review D</i> , 1994 , 50, 5562-5579		34
176	Search for Higgs bosons predicted in two-Higgs-doublet models via decays to tau lepton pairs in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2009 , 103, 201801	7-4	33
175	The TOTEM T2 telescope based on triple-GEM chambers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 134-137	1-2	33
174	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
173	Observation of WZ production. <i>Physical Review Letters</i> , 2007 , 98, 161801	7-4	33
172	Limits on Z-photon couplings from p-p-bar interactions at sqrt s=1.8TeV. <i>Physical Review Letters</i> , 1995 , 74, 1941-1945	7-4	33
171	First measurement of the b-jet cross section in events with a W boson in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 131801	7-4	32

170	Measurement of resonance parameters of orbitally excited narrow B0 mesons. <i>Physical Review Letters</i> , 2009 , 102, 102003	7.4	32
169	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
168	Search for the decays $B_{(s)} \rightarrow e^+ \mu^-$ and $B_{(s)} \rightarrow e^+ e^-$ in CDF run II. <i>Physical Review Letters</i> , 2009 , 102, 201801	7.4	31
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14	Search for a heavy vector resonance decaying to a γ boson and a Higgs boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 688	4.2	0
13	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
12	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at .. <i>European Physical Journal C</i> , 2022 , 82, 290	4.2	0
11	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
10	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
9	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0

8	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5-4	○
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