

Nicola Turini

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.

313
papers

15,712
citations

67
h-index

112
g-index

322
ext. papers

16,722
ext. citations

5.7
avg, IF

3.24
L-index

#	Paper	IF	Citations
313	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
312	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	1
311	Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
310	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
309	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
308	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
307	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
306	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	0
305	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
304	Measurement of the inclusive $\overline{\text{t}}\text{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
303	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 488	4.2	5
302	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	3
301	Search for a heavy vector resonance decaying to a t boson and a Higgs boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 688	4.2	0
300	Precision luminosity measurement in proton-proton collisions at in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , 2021 , 81, 800	4.2	7
299	Search for direct pair production of supersymmetric partners to the lepton in proton-proton collisions at. <i>European Physical Journal C</i> , 2020 , 80, 189	4.2	3
298	Elastic differential cross-section $(\frac{d\sigma}{d\text{t}})$ at $(\sqrt{s}=2.76\text{hbox { TeV}})$ and implications on the existence of a colourless C-odd three-gluon compound state. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	14
297	Reducing Beam-Related Background on Forward Physics Detectors Using Crystal Collimation at the Large Hadron Collider1. <i>Physical Review Applied</i> , 2020 , 14,	4.3	3

296	Measurement of single-diffractive dijet production in proton-proton collisions at with the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2020 , 80, 1164	4.2	0
295	Paradigms and Scenarios for the Dark Matter Phenomenon. <i>Universe</i> , 2020 , 6, 118	2.5	12
294	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
293	Elastic differential cross-section measurement at ($\sqrt{s}=13$) TeV by TOTEM. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	19
292	Diamond detectors for the TOTEM timing upgrade. <i>Journal of Instrumentation</i> , 2017 , 12, P03007-P03007		14
291	Test of Ultra Fast Silicon Detectors for the TOTEM upgrade project. <i>Journal of Instrumentation</i> , 2017 , 12, P03024-P03024	1	4
290	Timing performance of a double layer diamond detector. <i>Journal of Instrumentation</i> , 2017 , 12, P03026-P03026		3
289	Measurement of elastic pp scattering at ($\sqrt{s} = \sqrt{s}$) TeV in the Coulomb nuclear interference region: determination of the (ρ)-parameter and the total cross-section. <i>European Physical Journal C</i> , 2016 , 76, 1	4.2	66
288	LHC forward physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016 , 43, 110201	2.9	75
287	Measurement of the forward charged particle pseudorapidity density in pp collisions at ($\sqrt{s} = 8$) TeV using a displaced interaction point. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	9
286	Quality control and beam test of GEM detectors for future upgrades of the CMS muon high rate region at the LHC. <i>Journal of Instrumentation</i> , 2015 , 10, C03039-C03039	1	3
285	Evidence for non-exponential elastic proton-proton differential cross-section at low $ t $ and $s=8\text{TeV}$ by TOTEM. <i>Nuclear Physics B</i> , 2015 , 899, 527-546	2.8	76
284	A study of film and foil materials for the GEM detector proposed for the CMS muon system upgrade. <i>Journal of Instrumentation</i> , 2014 , 9, C04022-C04022	1	3
283	Upgrade of the CMS muon system with triple-GEM detectors. <i>Journal of Instrumentation</i> , 2014 , 9, C10036-C10036		
282	Development of the data acquisition system for the Triple-GEM detectors for the upgrade of the CMS forward muon spectrometer. <i>Journal of Instrumentation</i> , 2014 , 9, C03052-C03052	1	3
281	Studies on the upgrade of the muon system in the forward region of the CMS experiment at LHC with GEMs. <i>Journal of Instrumentation</i> , 2014 , 9, C01053-C01053	1	2
280	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
279	LHC optics measurement with proton tracks detected by the Roman pots of the TOTEM experiment. <i>New Journal of Physics</i> , 2014 , 16, 103041	2.9	6

278	Status of the TOTEM experiment at LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 718, 21-25	1.2	
277	The status of the GEM project for CMS high-. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 732, 203-207	1.2	5
276	GEM based detector for future upgrade of the CMS forward muon system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013 , 718, 383-386	1.2	27
275	Measurement of proton-proton inelastic scattering cross-section at $\sqrt{s} = 7$ TeV. <i>Europhysics Letters</i> , 2013 , 101, 21003	1.6	51
274	Luminosity-independent measurements of total, elastic and inelastic cross-sections at $\sqrt{s} = 7$ TeV. <i>Europhysics Letters</i> , 2013 , 101, 21004	1.6	125
273	Double diffractive cross-section measurement in the forward region at the LHC. <i>Physical Review Letters</i> , 2013 , 111, 262001	7.4	26
272	Luminosity-independent measurement of the proton-proton total cross section at $\sqrt{s} = 8$ TeV. <i>Physical Review Letters</i> , 2013 , 111, 012001	7.4	131
271	Measurement of proton-proton elastic scattering and total cross-section at $\sqrt{s} = 7$ TeV. <i>Europhysics Letters</i> , 2013 , 101, 21002	1.6	135
270	PERFORMANCE OF THE TOTEM DETECTORS AT THE LHC. <i>International Journal of Modern Physics A</i> , 2013 , 28, 1330046	1.2	14
269	Development and performance of large scale triple GEM for CMS. <i>Journal of Instrumentation</i> , 2013 , 8, C11017-C11017	1	3
268	Status of the Triple-GEM project for the upgrade of the CMS Muon System. <i>Journal of Instrumentation</i> , 2013 , 8, C12031-C12031	1	5
267	Measurement of the forward charged-particle pseudorapidity density in pp collisions at $\sqrt{s} = 7$ TeV with the TOTEM experiment. <i>Europhysics Letters</i> , 2012 , 98, 31002	1.6	18
266	2012 ,		3
265	Elastic Scattering and Total Cross-Section in p+p Reactions As Measured by the LHC Experiment TOTEM at $\sqrt{s} = 7$ TeV. <i>Progress of Theoretical Physics Supplement</i> , 2012 , 193, 180-183		19
264	An overview of the design, construction and performance of large area triple-GEM prototypes for future upgrades of the CMS forward muon system. <i>Journal of Instrumentation</i> , 2012 , 7, C05008-C05008	1	1
263	The TOTEM GEM Telescope (T2) at the LHC. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011 , 215, 225-227		1
262	Measurement of the forward-backward asymmetry in the $B \rightarrow K^*(\pi)\pi$ decay and first observation of the $B(s)0 \rightarrow \pi^+\pi^-$ decay. <i>Physical Review Letters</i> , 2011 , 106, 161801	7.4	37
261	Search for a heavy topleike quark in pp collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 261801	7.4	28

260	Measurement of b hadron lifetimes in exclusive decays containing a J/ψ in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 106, 121804	7.4	23
259	Measurement of the $B(s)0$ lifetime in fully and partially reconstructed $B(s)0 \rightarrow D(s)(-)(?)X$ decays in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2011 , 107, 272001	7.4	11
258	Observation of the baryonic flavor-changing neutral current decay $B(0) \rightarrow \mu\bar{\mu}$. <i>Physical Review Letters</i> , 2011 , 107, 201802	7.4	95
257	Proton-proton elastic scattering at the LHC energy of $\sqrt{s} = 7, \text{TeV}$. <i>Europhysics Letters</i> , 2011 , 95, 41001	1.6	115
256	First measurement of the total proton-proton cross-section at the LHC energy of $\sqrt{s} = 7, \text{TeV}$. <i>Europhysics Letters</i> , 2011 , 96, 21002	1.6	196
255	2011 ,		1
254	2011 ,		5
253	Simultaneous multi-frequency observation of the unknown redshift blazar PG 1553+113 in March-April 2008. <i>Astronomy and Astrophysics</i> , 2010 , 515, A76	5.1	13
252	Search for R-parity violating decays of sneutrinos to $e\bar{e}$ and $e\bar{\nu}$ pairs in pp collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 191801	7.4	17
251	Search for technicolor particles produced in association with a W Boson at CDF. <i>Physical Review Letters</i> , 2010 , 104, 111802	7.4	6
250	Measurement of the Λ_{b0} lifetime in $\Lambda_{b0} \rightarrow \Lambda_{b0} + \pi^-$ decays in pp collisions at square root of $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 104, 102002	7.4	24
249	Search for pair production of supersymmetric top quarks in dilepton events from pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 104, 251801	7.4	27
248	Improved search for a Higgs boson produced in association with $Z \rightarrow l + l$ in pp collisions $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 251802	7.4	9
247	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
246	Measurement of the $WW + WZ$ production cross section using the lepton + jets final state at CDF II. <i>Physical Review Letters</i> , 2010 , 104, 101801	7.4	21
245	Exclusion of an exotic top quark with $-4/3$ electric charge using soft lepton tagging. <i>Physical Review Letters</i> , 2010 , 105, 101801	7.4	14
244	Characterization of GEM detectors for application in the CMS muon detection system 2010 ,		17
243	Gas flow simulations for gaseous detectors 2010 ,		1

242	Search for the Higgs boson using neural networks in events with missing energy and b-quark jets in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 141801	7.4	10
241	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
240	Search for WW and WZ resonances decaying to electron, missing E(T), and two jets in pp collisions at square root(s) = 1.96 TeV. <i>Physical Review Letters</i> , 2010 , 104, 241801	7.4	26
239	Search for new physics with a dijet plus missing E(T) signature in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2010 , 105, 131801	7.4	8
238	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
237	Construction of the first full-size GEM-based prototype for the CMS high- μ on system 2010 ,		4
236	SEARCH FOR VERY HIGH ENERGY GAMMA-RAY EMISSION FROM PULSAR-PULSAR WIND NEBULA SYSTEMS WITH THE MAGIC TELESCOPE. <i>Astrophysical Journal</i> , 2010 , 710, 828-835	4.7	13
235	Direct top-quark width measurement at CDF. <i>Physical Review Letters</i> , 2010 , 105, 232003	7.4	23
234	The TOTEM detector at LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 62-66	1.2	11
233	MAGIC observation of the GRB 080430 afterglow. <i>Astronomy and Astrophysics</i> , 2010 , 517, A5	5.1	15
232	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
231	The TOTEM modular trigger system. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2010 , 617, 313-315	1.2	1
230	MAGIC observations of PG 1553+113 during a multiwavelength campaign in July 2006. <i>Astronomy and Astrophysics</i> , 2009 , 493, 467-469	5.1	14
229	Inclusive search for squark and gluino production in pp collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 121801	7.4	64
228	First observation of $B(s)(0) \rightarrow D(s)(\pm)K(\mp)$ and measurement of the ratio of branching fractions $B(B(s)(0) \rightarrow D(s)(\pm)K(\mp))/B(B(s)(0) \rightarrow D(s)(\pm)\pi(\mp))$. <i>Physical Review Letters</i> , 2009 , 103, 191802	7.4	17
227	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
226	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
225	Measurement of resonance parameters of orbitally excited narrow B0 mesons. <i>Physical Review Letters</i> , 2009 , 102, 102003	7.4	32

224	Search for exclusive Z-boson production and observation of high-mass $p\bar{p} \rightarrow p\gamma\gamma p$ events in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 222002	7.4	54
223	Evidence for a narrow near-threshold structure in the $J/\psi\text{varphi}$ mass spectrum in $B_c \rightarrow J/\psi\text{varphi}K_c$ decays. <i>Physical Review Letters</i> , 2009 , 102, 242002	7.4	211
222	Search for a standard model Higgs boson in $WH \rightarrow l\nu b\bar{b}$ in $p\bar{p}$ collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 103, 101802	7.4	30
221	Precision measurement of the $X(3872)$ mass in $J/\psi \pi^+ \pi^-$ decays. <i>Physical Review Letters</i> , 2009 , 103, 152001	7.4	71
220	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
219	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
218	Observation of exclusive charmonium production and $\gamma\gamma \rightarrow \mu\mu$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 242001	7.4	126
217	Measurement of the $k(T)$ distribution of particles in jets produced in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 232002	7.4	10
216	Search for Gluino-Mediated Bottom Squark Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 221801	7.4	13
215	First measurement of the $t\bar{t}$ differential cross section $d\sigma/dM_{t\bar{t}}$ in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 102, 222003	7.4	113
214	Search for the associated production of the standard-model Higgs Boson in the all-hadronic channel. <i>Physical Review Letters</i> , 2009 , 103, 221801	7.4	9
213	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
212	Search for charged Higgs bosons in decays of top quarks in $p\bar{p}$ collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2009 , 103, 101803	7.4	87
211	Suzaku and Multi-Wavelength Observations of OJ 287 during the Periodic Optical Outburst in 2007. <i>Publication of the Astronomical Society of Japan</i> , 2009 , 61, 1011-1022	3.2	24
210	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. <i>Astrophysical Journal</i> , 2009 , 691, L13-L19	4.7	74
209	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
208	PERIODIC VERY HIGH ENERGY γ RAY EMISSION FROM LS I +61 β 03 OBSERVED WITH THE MAGIC TELESCOPE. <i>Astrophysical Journal</i> , 2009 , 693, 303-310	4.7	78
207	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

206	SEARCH FOR VHE Γ RAY EMISSION FROM THE GLOBULAR CLUSTER M13 WITH THE MAGIC TELESCOPE. <i>Astrophysical Journal</i> , 2009 , 702, 266-269	4.7	15
205	SIMULTANEOUS MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 DURING OUTBURST. <i>Astrophysical Journal</i> , 2009 , 703, 169-178	4.7	48
204	DISCOVERY OF VERY HIGH ENERGY Γ RAYS FROM THE BLAZAR S5 0716+714. <i>Astrophysical Journal</i> , 2009 , 704, L129-L133	4.7	61
203	SIMULTANEOUS MULTIWAVELENGTH OBSERVATION OF Mkn 501 IN A LOW STATE IN 2006. <i>Astrophysical Journal</i> , 2009 , 705, 1624-1631	4.7	35
202	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
201	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
200	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
199	Search for narrow resonances lighter than η mesons. <i>European Physical Journal C</i> , 2009 , 62, 319-326	4.2	6
198	MAGIC upper limits to the VHE gamma-ray flux of 3C 454.3 in high emission state. <i>Astronomy and Astrophysics</i> , 2009 , 498, 83-87	5.1	15
197	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
196	Measurement of inclusive jet cross sections in $Z/\gamma^*(\rightarrow e^+e^-) + \text{jets}$ production in $pp[\text{over}]$ collisions at square root $s = 1.96$ TeV. <i>Physical Review Letters</i> , 2008 , 100, 102001	7.4	60
195	Very-high-energy gamma rays from a distant quasar: how transparent is the universe?. <i>Science</i> , 2008 , 320, 1752-4	33.3	312
194	The TOTEM Experiment at the CERN Large Hadron Collider. <i>Journal of Instrumentation</i> , 2008 , 3, S08007-S08007/6		
193	Observation of pulsed gamma-rays above 25 GeV from the Crab pulsar with MAGIC. <i>Science</i> , 2008 , 322, 1221-4	33.3	148
192	Upper Limit for Γ Ray Emission above 140 GeV from the Dwarf Spheroidal Galaxy Draco. <i>Astrophysical Journal</i> , 2008 , 679, 428-431	4.7	55
191	MAGIC Observations of the Unidentified Γ Ray Source TeV J2032+4130. <i>Astrophysical Journal</i> , 2008 , 675, L25-L28	4.7	59
190	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
189	Systematic Search for VHE Gamma-Ray Emission from X-RayBright High-Frequency BL Lac Objects. <i>Astrophysical Journal</i> , 2008 , 681, 944-953	4.7	17

188	Multiwavelength (Radio, X-Ray, and E-Ray) Observations of the E-Ray Binary LS I +61 303. <i>Astrophysical Journal</i> , 2008 , 684, 1351-1358	4-7	51
187	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
186	First Bounds on the High-Energy Emission from Isolated Wolf-Rayet Binary Systems. <i>Astrophysical Journal</i> , 2008 , 685, L71-L74	4-7	10
185	Search for $B_s^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \mu^+ \mu^-$ decays with 2 fb^{-1} of pp collisions. <i>Physical Review Letters</i> , 2008 , 100, 101802	7-4	164
184	Search for the Higgs boson in events with missing transverse energy and b quark jets produced in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2008 , 100, 211801	7-4	13
183	Measurement of the single-top-quark production cross section at CDF. <i>Physical Review Letters</i> , 2008 , 101, 252001	7-4	44
182	Forward-backward asymmetry in top-quark production in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2008 , 101, 202001	7-4	177
181	Search for supersymmetry in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$ Using the trilepton signature for chargino-neutralino production. <i>Physical Review Letters</i> , 2008 , 101, 251801	7-4	52
180	Strong evidence for ZZ production in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2008 , 100, 201801	7-4	28
179	Search for the Higgs boson produced in association with $Z \rightarrow l+l$ in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2008 , 101, 251803	7-4	4
178	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
177	Search for resonant $t\bar{t}$ production in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2008 , 100, 231801	7-4	37
176	Search for heavy top-like quarks using lepton plus jets events in 1.96 TeV pp collisions. <i>Physical Review Letters</i> , 2008 , 100, 161803	7-4	30
175	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
174	Search for the flavor-changing neutral-current decay $t \rightarrow Zq$ in pp collisions at $\sqrt{s} = 1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2008 , 101, 192002	7-4	50
173	Evidence for D^0 - \bar{D}^0 mixing using the CDF II detector. <i>Physical Review Letters</i> , 2008 , 100, 121802	7-4	91
172	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
171	Search for large extra dimensions in final states containing one photon or jet and large missing transverse energy produced in pp collisions at $\sqrt{s}=1.96 \text{ TeV}$. <i>Physical Review Letters</i> , 2008 , 101, 181602	7-4	72

170	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
169	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
168	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
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18	Search for squarks and gluinos from p-barp collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1992 , 69, 3439-3443	7.4	117
17	Dijet angular distribution in pp-bar collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1992 , 69, 2896-2900	7.4	22
16	Limit on the rare decay W+/-> gamma pi +/- in pp-bar collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1992 , 69, 2160-2163	7.4	4
15	Measurement of the isolated prompt photon cross section in p-barp collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1992 , 68, 2734-2738	7.4	47
14	Measurement of the ratio B(W--> tau nu)/B(W-->e nu) in pp-bar collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1992 , 68, 3398-3402	7.4	20
13	Properties of events with large total transverse energy produced in proton-antiproton collisions at sqrt s =1.8 TeV. <i>Physical Review D</i> , 1992 , 45, 2249-2263	4.9	8
12	Lepton asymmetry in W-boson decays from p-barp collisions at sqrt s =1.8 TeV. <i>Physical Review Letters</i> , 1992 , 68, 1458-1462	7.4	9
11	Topology of three-jet events in p-barp collisions at sqrt s =1.8 TeV. <i>Physical Review D</i> , 1992 , 45, 1448-1458	7.4	243
10	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
9	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

8	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
7	Lower limit on the top-quark mass from events with two leptons in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1992 , 68, 447-451	7.4	130
6	Progress in the construction of the CDF silicon vertex detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 315, 125-132	1.2	5
5	SVX test beam results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 315, 188-192	1.2	1
4	The AMchip: a VLSI associative memory for track finding. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992 , 315, 446-448 ^{1.2}		11
3	. <i>IEEE Transactions on Nuclear Science</i> , 1992 , 39, 795-797	1.7	30
2	Search for $W \rightarrow e \nu$ and $W \rightarrow \mu \nu$ in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1991 , 67, 2609-2613	7.4	29
1	Measurement of $B^0\bar{B}^0$ mixing at the Fermilab Tevatron Collider. <i>Physical Review Letters</i> , 1991 , 67, 3351-3355	7.4	23