

Nicola Turini

List of Publications by Year in descending order

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321
papers

18,401
citations

10373

72
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17580

121
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322
all docs

322
docs citations

322
times ranked

10737
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Top Quark Production in $\hat{p}\hat{p}$ Collisions with the Collider Detector at Fermilab. Physical Review Letters, 1995, 74, 2626-2631.	2.9	1,240
2	Variable Very High Energy $\hat{\gamma}$ Ray Emission from Markarian 501. Astrophysical Journal, 2007, 669, 862-883.	1.6	426
3	Evidence for top quark production in $\hat{p}\hat{p}$ collisions at $\hat{s}=1.8$ TeV. Physical Review D, 1994, 50, 2966-3026.	1.6	400
4	Very-High-Energy Gamma Rays from a Distant Quasar: How Transparent Is the Universe?. Science, 2008, 320, 1752-1754.	6.0	355
5	Variable Very-High-Energy Gamma-Ray Emission from the Microquasar LS I +61 303. Science, 2006, 312, 1771-1773.	6.0	334
6	Observation of $B_s^0 \rightarrow B^0$ Oscillations. Physical Review Letters, 2006, 97, 242003.	2.9	311
7	Topology of three-jet events in $\hat{p}\hat{p}$ collisions at $\hat{s}=1.8$ TeV. Physical Review D, 1992, 45, 1448-1458.	1.6	275
8	Evidence for a Narrow Near-Threshold Structure in the J/ψ Mass Spectrum in $\hat{p}\hat{p}$ Collisions. Physical Review Letters, 2009, 102, 242002.	2.9	275
9	Inclusive J/ψ ($2S$), and b -quark production in $\hat{p}\hat{p}$ collisions at $\hat{s}=1.8$ TeV. Physical Review Letters, 1992, 69, 3704-3708.	2.9	243
10	First measurement of the total proton-proton cross-section at the LHC energy of $\sqrt{s} = 7, \text{TeV}$. Europhysics Letters, 2011, 96, 21002.	0.7	236
11	VHE $\hat{\gamma}$ Ray Observation of the Crab Nebula and its Pulsar with the MAGIC Telescope. Astrophysical Journal, 2008, 674, 1037-1055.	1.6	233
12	Measurement of proton-proton elastic scattering and total cross-section at $\sqrt{s} = 7, \text{TeV}$. Europhysics Letters, 2013, 101, 21002.	0.7	197
13	Analysis of the Quantum Numbers of the $X(3872)$ Particle. Physical Review Letters, 2007, 98, 132002.	2.9	193
14	Polarizations of J/ψ and ψ' and ψ' cross sections in $\hat{p}\hat{p}$ collisions at $\sqrt{s} = 1.96, \sqrt{s} = 1.96$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2457-2544.	2.9	192
15	Forward-Backward Asymmetry in Top-Quark Production in $\hat{p}\hat{p}$ Collisions at $\sqrt{s} = 1.96, \sqrt{s} = 1.96$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2457-2544.	1.4	188
16	Measurements of inclusive p and Z cross sections in $\hat{p}\hat{p}$ collisions at $\sqrt{s} = 1.96, \sqrt{s} = 1.96$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2457-2544.	2.9	187
17	Luminosity-Independent Measurement of the Proton-Proton Total Cross Section at $\sqrt{s} = 1.96, \sqrt{s} = 1.96$ TeV. Physical Review Letters, 2013, 111, 012001.	2.9	187
18	Very High Energy Gamma-Ray Radiation from the Stellar Mass Black Hole Binary Cygnus X-1. Astrophysical Journal, 2007, 665, L51-L54.	1.6	183

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19	<p>Upper Tagged Determination of Bounds on Mixing Induced $C \rightarrow P \rightarrow B \rightarrow s \rightarrow 0$ Violation in $B \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i>, 2008, 100, 161802.</p> <p>Measurement of the antiproton-proton total cross section at $\sqrt{s}=546$ and 1800 GeV. <i>Physical Review D</i>, 1994, 50, 5550-5561.</p>	2.9	179
20	Measurement of the antiproton-proton total cross section at $\sqrt{s}=546$ and 1800 GeV. <i>Physical Review D</i> , 1994, 50, 5550-5561.	1.6	178
21	Luminosity-independent measurements of total, elastic and inelastic cross-sections at $\sqrt{s}=7$ TeV. <i>Europhysics Letters</i> , 2013, 101, 21004.	0.7	176
22	Radio Imaging of the Very-High-Energy γ -Ray Emission Region in the Central Engine of a Radio Galaxy. <i>Science</i> , 2009, 325, 444-448.	6.0	175
23	Observation of Pulsed γ -Rays Above 25 GeV from the Crab Pulsar with MAGIC. <i>Science</i> , 2008, 322, 1221-1224.	6.0	173
24	Search for $B_s \rightarrow \pi^+ \pi^-$ and $B \rightarrow \pi^+ \pi^-$ Decays with $2 \leq \sqrt{s} \leq 10$ TeV. <i>Physical Review Letters</i> , 2008, 100, 101802.	2.9	172
25	Study of four-jet events and evidence for double parton interactions in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1993, 47, 4857-4871.	1.6	169
26	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.	1.5	168
27	Discovery of Very High Energy Gamma Radiation from IC 443 with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2007, 664, L87-L90.	1.6	155
28	Observation of Exclusive Charmonium Production and $\pi^+ \pi^-$ Collisions at $\sqrt{s}=10.58$ GeV. <i>Physical Review Letters</i> , 2009, 102, 242001.	2.9	153
29	Proton-proton elastic scattering at the LHC energy of $\sqrt{s}=7$ TeV. <i>Europhysics Letters</i> , 2011, 95, 41001.	0.7	150
30	Search for squarks and gluinos from pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992, 69, 3439-3443.	2.9	149
31	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.	0.7	149
32	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.	0.7	146
33	Measurement of small angle antiproton-proton elastic scattering at $\sqrt{s}=546$ and 1800 GeV. <i>Physical Review D</i> , 1994, 50, 5518-5534.	1.6	139
34	Observation of Gamma Rays from the Galactic Center with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2006, 638, L101-L104.	1.6	136
35	Lower limit on the top-quark mass from events with two leptons in pp collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1992, 68, 447-451.	2.9	135
36	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.	0.7	125

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37	Measurement of the B Meson Differential Cross Section $d\sigma/dp_T$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1995, 75, 1451-1455.	2.9	123
38	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13, 13.6$ TeV in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	1.4	123
39	Measurement of the Dipion Mass Spectrum in $X(3872) \rightarrow \pi^+\pi^-\pi^+\pi^-$ Decays. Physical Review Letters, 2006, 96, 102002.	2.9	121
40	Observation of the Baryonic Flavor-Changing Neutral Current Decay $b \rightarrow c \bar{c} s$. Physical Review Letters, 2011, 107, 201802.	2.9	121
41	Observations of Markarian 421 with the MAGIC Telescope. Astrophysical Journal, 2007, 663, 125-138.	1.6	120
42	First Measurement of the $p\bar{p}$ Differential Cross Section $d\sigma/dM_{t\bar{t}}$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 222003.	2.9	115
43	Evidence for non-exponential elastic proton-proton differential cross-section at low $ t $ and \sqrt{s} . Physical Review Letters, 2015, 115, 022001.	2.9	108
44	The TOTEM Experiment at the CERN Large Hadron Collider. Journal of Instrumentation, 2008, 3, S08007-S08007.	0.5	108
45	Precision Measurement of the Prompt Photon Cross Section in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1994, 73, 2662-2666.	2.9	107
46	Observation of the Decay $B_c \rightarrow B^+ \pi^-$. Physical Review Letters, 2008, 100, 182002.	2.9	106
47	Measurement of $p\bar{p}$ single diffraction dissociation at $\sqrt{s}=546$ and 1800 GeV. Physical Review D, 1994, 50, 5535-5549.	1.6	105
48	Observation of the Heavy Baryons Λ_b^0 and Λ_b^+ . Physical Review Letters, 2007, 99, 202001.	2.9	105
49	Discovery of Very High Energy γ -Ray Emission from the Low-Frequency-peaked BL Lacertae Object BL Lacertae. Astrophysical Journal, 2007, 666, L17-L20.	1.6	102
50	Search for Charged Higgs Bosons in Decays of Top Quarks in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 99, 202001.	2.9	102
51	Evidence for the Decay $D^0 \rightarrow \pi^+ \pi^-$. Physical Review Letters, 2008, 100, 121802.	2.9	100
52	LHC forward physics. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 110201.	1.4	99
53	Improving the performance of the single-dish Cherenkov telescope MAGIC through the use of signal timing. Astroparticle Physics, 2009, 30, 293-305.	1.9	98
54	Discovery of Very High Energy γ -Rays from 1ES 1011+496 at $z = 0.212$. Astrophysical Journal, 2007, 667, L21-L24.	1.6	94

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55	Measurement of the χ production cross section in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1993, 71, 2537-2541.	2.9	94
56	Measurement of the W boson mass. Physical Review D, 1995, 52, 4784-4827.	1.6	93
57	Inclusive W and Z production in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1993, 71, 2537-2541.	2.9	92
58	Direct Measurement of the Production Charge Asymmetry in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1993, 71, 2537-2541.	2.9	91
59	Observation of VHE γ -rays from Cassiopeia A with the MAGIC telescope. Astronomy and Astrophysics, 2007, 474, 937-940.	2.1	90
60	Measurement of elastic pp scattering at $\sqrt{s} = 8$ TeV in the Coulomb nuclear interference region: determination of the α -parameter and the total cross-section. European Physical Journal C, 2016, 76, 1.	1.4	88
61	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. Astrophysical Journal, 2009, 691, L13-L19.	1.6	86
62	Discovery of Very High Energy γ -Rays from Markarian 180 Triggered by an Optical Outburst. Astrophysical Journal, 2006, 648, L105-L108.	1.6	85
63	Very High Energy Gamma-Ray Observations of Strong Flaring Activity in M87 in 2008 February. Astrophysical Journal, 2008, 685, L23-L26.	1.6	84
64	Discovery of Very High Energy Gamma Rays from 1ES 1218+30.4. Astrophysical Journal, 2006, 642, L119-L122.	1.6	83
65	Measurement of Inclusive Jet Cross Sections in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1995, 75, 4358-4363.	2.9	82
66	τ Production in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1995, 75, 4358-4363.	2.9	82
67	Measurement of Bottom-Quark Hadron Masses in Exclusive B Decays with the CDF Detector. Physical Review Letters, 2006, 96, 202001.	2.9	82
68	Search for Large Extra Dimensions in Final States Containing One Photon or Jet and Large Missing Transverse Energy Produced in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1995, 75, 4358-4363.	2.9	81
69	PERIODIC VERY HIGH ENERGY γ -RAY EMISSION FROM LS I +61 $^{\circ}$ 303 OBSERVED WITH THE MAGIC TELESCOPE. Astrophysical Journal, 2009, 693, 303-310.	1.6	81
70	Observation of Exclusive Electron-Positron Production in Hadron-Hadron Collisions. Physical Review Letters, 2007, 98, 112001.	2.9	79
71	Unfolding of differential energy spectra in the MAGIC experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 583, 494-506.	0.7	74
72	Limit on the top-quark mass from proton-antiproton collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1992, 45, 3921-3948.	1.6	73

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73	MAGIC Upper Limits on the Very High Energy Emission from Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2007, 667, 358-366.	1.6	72
74	Simultaneous Multiwavelength Observations of the Blazar 1ES 1959+650 at a Low TeV Flux. <i>Astrophysical Journal</i> , 2008, 679, 1029-1039.	1.6	72
75	DISCOVERY OF VERY HIGH ENERGY $\hat{\gamma}$ -RAYS FROM THE BLAZAR S5 0716+714. <i>Astrophysical Journal</i> , 2009, 704, L129-L133.	1.6	72
76	Observation of Rapidity Gaps in $p\bar{p}$ Collisions at 1.8 TeV. <i>Physical Review Letters</i> , 1995, 74, 855-859.	2.9	71
77	Measurement of proton-proton inelastic scattering cross-section at $\sqrt{s} = 7$ TeV. <i>Europhysics Letters</i> , 2013, 101, 21003.	0.7	70
78	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.	1.4	70
79	Search for $Z\tau^+e^+e^-$ Using Dielectron Mass and Angular Distribution. <i>Physical Review Letters</i> , 2006, 96, 211801.	2.9	69
80	Search for New Physics in High-Mass Electron-Positron Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2007, 99, 171802.	2.9	69
81	Inclusive Search for Squark and Gluino Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009, 102, 121801.	2.9	69
82	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.	0.7	68
83	Measurement of bottom quark production in 1.8 TeV $p\bar{p}$ collisions using muons from b-quark decays. <i>Physical Review Letters</i> , 1993, 71, 2396-2400.	2.9	66
84	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.	1.6	65
85	MAGIC Observations of the Unidentified $\hat{\gamma}$ -Ray Source TeV J2032+4130. <i>Astrophysical Journal</i> , 2008, 675, L25-L28.	1.6	64
86	Measurement of the W^+W^- Production Cross Section and Search for Anomalous $WW\hat{\gamma}$ and WWZ Couplings in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2010, 104, 201801.	2.9	64
87	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.	1.6	63
88	Measurement of W-Photon Couplings in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1995, 74, 1936-1940.	2.9	63
89	Search for Exclusive Z-Boson Production and Observation of High-Mass $p\bar{p} \rightarrow \tau^+\tau^-\gamma$ Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009, 102, 222002.	2.9	63
90	Charge Asymmetry in W-Boson Decays Produced in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1995, 74, 850-854.	2.9	61

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91	Upper Limit for $\hat{\Gamma}^3$ Ray Emission above 140 GeV from the Dwarf Spheroidal Galaxy Draco. <i>Astrophysical Journal</i> , 2008, 679, 428-431.	1.6	61
92	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.	1.6	60
93	$\langle t \rangle$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995, 74, 3538-3543.	2.9	60
94	Search for New Particles Decaying to Dijets in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995, 74, 3538-3543.	2.9	59
95	Search for Exclusive $\hat{\Gamma}^3$ Production in Hadron-Hadron Collisions. <i>Physical Review Letters</i> , 2007, 99, 242002.	2.9	59
96	Search for Top-Quark Production via Flavor-Changing Neutral Currents in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009, 102, 151801.	2.9	57
97	Observation of $B_s \rightarrow K^+ K^0$ and Measurements of Branching Fractions of Charmless Two-Body Decays of B^0 and B_s^0 Mesons in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2006, 97, 211802.	2.9	56
98	Search for Supersymmetry in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 2008, 101, 251801.	2.9	56
99	SIMULTANEOUS MULTI-WAVELENGTH OBSERVATIONS OF MARKARIAN 421 DURING OUTBURST. <i>Astrophysical Journal</i> , 2009, 703, 169-178.	1.6	55
100	Dijet Production by Double Pomeron Exchange at the Fermilab Tevatron. <i>Physical Review Letters</i> , 2000, 85, 4215-4220.	2.9	54
101	Observation of Very High Energy $\hat{\Gamma}^3$ Rays from the AGN 1ES 2344+514 in a Low Emission State with the MAGIC Telescope. <i>Astrophysical Journal</i> , 2007, 662, 892-899.	1.6	54
102	Evidence for color coherence in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review D</i> , 1994, 50, 5562-5579.	1.6	53
103	Limits on WWZ and $WW\hat{\Gamma}^3$ Couplings from WW and WZ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1995, 75, 1017-1022.	2.9	53
104	Measurement of the Lifetime Difference between B_s Mass Eigenstates. <i>Physical Review Letters</i> , 2005, 94, 101803.	2.9	53
105	DISCOVERY OF A VERY HIGH ENERGY GAMMA-RAY SIGNAL FROM THE 3C 66A/B REGION. <i>Astrophysical Journal</i> , 2009, 692, L29-L33.	1.6	52
106	Search for Neutral Supersymmetric Higgs Bosons in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 2001, 86, 4472-4478.	2.9	51
107	Multiwavelength (Radio, X-ray, and $\hat{\Gamma}^3$ Ray) Observations of the $\hat{\Gamma}^3$ Ray Binary LS I +61 303. <i>Astrophysical Journal</i> , 2008, 684, 1351-1358.	1.6	51
108	Measurement of $\langle \sigma_{\text{had}} \rangle$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2007, 98, 231801.	2.9	50

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109	Measurement of the Inclusive Jet Cross Section Using the k _T Algorithm in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 122001. First Measurement of the b -Jet Cross Section in Events with a b -Tag. Physical Review Letters, 2006, 96, 122001.	2.9	49
110	Measurement of the W -Boson in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 122001.	2.9	49
111	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at $\sqrt{s}=8$ TeV by the CMS and TOTEM experiments. European Physical Journal C, 2014, 74, 1.	1.4	49
112	Search for New Gauge Bosons in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1992, 68, 1463-1467.	2.9	48
113	Measurement of the isolated prompt photon cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1992, 68, 2734-2738.	2.9	47
114	Comparison of jet production in $p\bar{p}$ collisions at $\sqrt{s}=546$ and 1800 GeV. Physical Review Letters, 1993, 70, 1376-1380.	2.9	47
115	CORRELATED X-RAY AND VERY HIGH ENERGY EMISSION IN THE GAMMA-RAY BINARY LS I +61 303. Astrophysical Journal, 2009, 706, L27-L32.	1.6	47
116	Measurement of the ratio $\sigma(pp \rightarrow W^+e^+e^-)/\sigma(pp \rightarrow Z^0e^+e^-)$ in pp collisions at $\sqrt{s}=1800$ GeV. Physical Review D, 1995, 52, 2624-2655.	1.6	46
117	Observation of VHE Gamma Radiation from HESS J1834-087/W41 with the MAGIC Telescope. Astrophysical Journal, 2006, 643, L53-L56.	1.6	46
118	First Measurement of the W -Boson Mass in Run II of the Tevatron. Physical Review Letters, 2007, 99, 151801.	2.9	46
119	UPPER LIMITS ON THE VHE GAMMA-RAY EMISSION FROM THE WILLMAN 1 SATELLITE GALAXY WITH THE MAGIC TELESCOPE. Astrophysical Journal, 2009, 697, 1299-1304.	1.6	46
120	Elastic differential cross-section measurement at $\sqrt{s}=13$ TeV by TOTEM. European Physical Journal C, 2019, 79, 1.	1.4	46
121	The AMchip: a full-custom CMOS VLSI associative memory for pattern recognition. IEEE Transactions on Nuclear Science, 1992, 39, 795-797.	1.2	45
122	Search for Charged Bosons Heavier than the W Boson in pp Collisions at $\sqrt{s}=1800$ GeV. Physical Review Letters, 1995, 74, 2900-2904.	2.9	45
123	Measurement of the Single-Top-Quark Production Cross Section at CDF. Physical Review Letters, 2008, 101, 252001.	2.9	45
124	Search for Doubly Charged Higgs Bosons with Lepton-Flavor-Violating Decays Involving $\tilde{l}, \tilde{\nu}_\tau$ Leptons. Physical Review Letters, 2008, 101, 121801.	2.9	45
125	Measurement of the Forward-Backward Asymmetry in the $B^0 \rightarrow K^{*0} \ell^+ \ell^-$ Decay and First Observation of the $B_s^0 \rightarrow \tau^+ \tau^-$ Decay. Physical Review Letters, 2011, 106, 161801.	2.9	45
126	SIMULTANEOUS MULTIWAVELENGTH OBSERVATION OF Mkn 501 IN A LOW STATE IN 2006. Astrophysical Journal, 2009, 705, 1624-1631.	1.6	44

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127	Search for Large Extra Dimensions in the Production of Jets and Missing Transverse Energy in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 97, 171802.	2.9	43
128	Search for Higgs Bosons Predicted in Two-Higgs-Doublet Models via Decays to Tau Lepton Pairs in $\sqrt{s}=1.96$ TeV Collisions. Physical Review Letters, 2009, 103, 201801.	2.9	43
129	FADC signal reconstruction for the MAGIC telescope. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 594, 407-419.	0.7	42
130	Measurement of the Top-Quark Mass with Dilepton Events Selected Using Neuroevolution at CDF. Physical Review Letters, 2009, 102, 152001.	2.9	42
131	Inclusive Search for New Physics with Like-Sign Dilepton Events in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 221803.	2.9	41
132	Search for Resonant Production in $\sqrt{s}=1.96$ TeV Collisions. Physical Review Letters, 2009, 102, 102003.	2.9	41
133	Measurement of jet shapes in $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1993, 70, 713-717.	2.9	40
134	Measurement of Resonance Parameters of Orbitally Excited Narrow Mesons. Physical Review Letters, 2009, 102, 102003.	2.9	40
135	Search for the Decays $B(s) \rightarrow e^+ e^- \gamma$ and $B(s) \rightarrow e^+ e^- \gamma$ in CDF Run II. Physical Review Letters, 2009, 102, 201801.	2.9	40
136	Measurement of the production and muonic decay rate of W and Z bosons in $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1992, 69, 28-32.	2.9	39
137	Double Diffraction Dissociation at the Fermilab Tevatron Collider. Physical Review Letters, 2001, 87, 141802.	2.9	39
138	Direct Search for Dirac Magnetic Monopoles in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2006, 96, 201801.	2.9	39
139	Measurement of Lifetime and Decay-Width Difference in $B_s \rightarrow J/\psi$ Decays. Physical Review Letters, 2008, 100, 121803.	2.9	39
140	Search for New Particles Decaying into $\tau^+ \tau^-$ in $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 85, 2062-2067.	2.9	38
141	The AMS-02 electromagnetic calorimeter. Nuclear Physics, Section B, Proceedings Supplements, 2002, 113, 159-165.	0.5	38
142	Measurement of Partial Widths and Search for Direct CP Violation in D^0 Meson Decays to $K^+ K^-$ and $\pi^+ \pi^-$. Physical Review Letters, 2005, 94, 122001.	2.9	38
143	Measurement of the B -meson and b -quark cross sections at $\sqrt{s}=1.8$ TeV using the exclusive decay $B \rightarrow J/\psi K^{\pm}$. Physical Review Letters, 1992, 68, 3403-3407.	2.9	37
144	Top Quark Mass Measurement in the $pp \rightarrow t \bar{t} \rightarrow \text{lepton} + \text{jets}$ Channel Using a Matrix Element Method and \sqrt{s} Jet Energy Calibration. Physical Review Letters, 2010, 105, 252001.	2.9	37

#	ARTICLE	IF	CITATIONS
145	Limits on Z-Photon Couplings from $p\text{-}p \rightarrow \gamma$ Interactions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1995, 74, 1941-1945.	2.9	36
146	Flux Upper Limit on Gamma-Ray Emission by GRB 050713a from MAGIC Telescope Observations. Astrophysical Journal, 2006, 641, L9-L12.	1.6	36
147	Observation of WZ Production. Physical Review Letters, 2007, 98, 161801.	2.9	36
148	The TOTEM T2 telescope based on triple-GEM chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 134-137.	0.7	36
149	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 488.	1.4	35
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152	Double Diffractive Cross-Section Measurement in the Forward Region at the LHC. Physical Review Letters, 2013, 111, 262001.	2.9	34
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159	Search for Heavy Toplike Quarks Using Lepton Plus Jets Events in pp Collisions. Physical Review Letters, 2008, 100, 161803.	2.9	31
160	Measurement of Hadron Lifetimes in Exclusive Decays Containing a J/ψ . Physical Review Letters, 2008, 100, 161803.	2.9	31
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166	Strong Evidence for ZZ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 100, 201801.	2.9	30
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176	Search for WW and WZ Resonances Decaying to Electron, Missing ET, and Two Jets in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 104, 241801.	2.9	27
177	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	27
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224	Search for Anomalous Production of Multilepton Events in $p\bar{p}$ Collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2007, 98, 131804.	2.9	15
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