

# Giovanni Busetto

## List of Publications by Year in descending order

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248  
papers

20,391  
citations

25034

57  
h-index

11052

137  
g-index

250  
all docs

250  
docs citations

250  
times ranked

13736  
citing authors

#	ARTICLE	IF	CITATIONS
1	THE LARGE AREA TELESCOPE ON THE <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE MISSION. <i>Astrophysical Journal</i> , 2009, 697, 1071-1102.	4.5	3,048
2	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.	7.8	1,240
3	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2010, 188, 405-436.	7.7	851
4	Test of Lepton Universality Using $B \rightarrow K^* \ell^+ \ell^-$ . <i>Physical Review Letters</i> , 2014, 113, 151601.	7.8	845
5	THE SECOND <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 208, 17.	7.7	693
6	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. <i>Experimental Astronomy</i> , 2011, 32, 193-316.	3.7	640
7	Measurement of the $J/\psi$ meson and $b$ -hadron production cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1960$ GeV. <i>Physical Review D</i> , 2005, 71, .	4.7	624
8	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. <i>Science</i> , 2013, 339, 807-811.	12.6	591
9	Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C. <i>Science</i> , 2009, 323, 1688-1693.	12.6	523
10	Introducing the CTA concept. <i>Astroparticle Physics</i> , 2013, 43, 3-18.	4.3	504
11	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow K^* \ell^+ \ell^-$ . <i>Physical Review Letters</i> , 2013, 111, 191801.	7.8	325
12	High-precision measurement of the $W$ boson mass with the CDF II detector. <i>Science</i> , 2022, 376, 170-176.	12.6	336
13	Observation of the Resonant Character of the $Z \rightarrow \tau^+ \tau^-$ Decay. <i>Physical Review Letters</i> , 2013, 111, 191801.	7.8	325
14	Determination of the $X(3872)$ Meson. <i>Physical Review Letters</i> , 2006, 97, 242003.	7.8	311
15	Observation of $B_s \rightarrow B^0$ Oscillations. <i>Physical Review Letters</i> , 2006, 97, 242003.	7.8	311
16	Observation of the $B_c$ Meson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. <i>Physical Review Letters</i> , 1998, 81, 2432-2437.	7.8	285
17	Evidence for a Narrow Near-Threshold Structure in the $J/\psi$ Mass Spectrum in $B \rightarrow K^* \ell^+ \ell^-$ . <i>Physical Review Letters</i> , 2009, 102, 242002.	7.8	275
18	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. <i>Physical Review D</i> , 2011, 83, .	4.7	238

#	ARTICLE	IF	CITATIONS
19	Measurement of $\theta_{\tilde{t}\tilde{t}^*}$ production cross section in $pp \rightarrow \tilde{t}\tilde{t}^*$ collisions at $\sqrt{s} = 1.96$ TeV using lepton+jets events with secondary vertex b-tagging. Physical Review D, 2005, 71, .	4.7	231
20	Evidence for a Particle Produced in Association with Weak Bosons and Decaying to a Bottom-Antibottom Quark Pair in Higgs Boson Searches at the Tevatron. Physical Review Letters, 2012, 109, 071804.	7.8	201
21	Observation of Electroweak Single Top-Quark Production. Physical Review Letters, 2009, 103, 092002.	7.8	199
22	Measurements of inclusive $W$ and $Z$ cross sections in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2457-2544.	3.6	188
23	First Flavor-Tagged Determination of Bounds on Mixing-Induced $CP$ Violation in $B \rightarrow D^* \mu^+ \mu^-$ . Physical Review Letters, 2008, 100, 161802.	7.8	179
24	Science with e-ASTROGAM. Journal of High Energy Astrophysics, 2018, 19, 1-106.	6.7	177
25	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	4.7	122
26	Measurement of $J/\psi$ polarization in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2631.	3.9	117
27	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	2.5	114
28	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	4.7	109
29	Observation of the Decay $B \rightarrow D^* \mu^+ \mu^-$ . Physical Review Letters, 2008, 100, 162002.	7.8	106
30	Precise Measurement of the $W$ -Boson Mass with the CDF II Detector. Physical Review Letters, 2012, 108, 151803.	7.8	106
31	Search for Majorana Neutrinos in $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	106
32	First Observation of $CP$ Violation in the Decays of $B \rightarrow D^* \mu^+ \mu^-$ . Physical Review Letters, 2013, 110, 221501.	7.8	105
33	Measurement of $CP$ Violation in the Phase Space of $B \rightarrow D^* \mu^+ \mu^-$ . Physical Review Letters, 2013, 110, 221501.	7.8	101
34	Dalitz plot analysis of $B \rightarrow D^* \mu^+ \mu^-$ . Physical Review D, 2014, 90, .	4.7	99
35	Higgs boson studies at the Tevatron. Physical Review D, 2013, 88, .	4.7	98
36	Measurement of the Difference in $CP$ -Violating Asymmetries in $D \rightarrow K^+ K^-$ and $D \rightarrow \tau^+ \tau^-$ Decays at CDF. Physical Review Letters, 2012, 109, 111801.	7.8	88

#	ARTICLE	IF	CITATIONS
37	Observation of Overlapping Spin-1 and Spin-3 $\chi_{c0}$ and $\chi_{c2}$ states. Physical Review Letters, 2014, 112, 011801.	7.8	80
38	Measurement of $\Lambda_c^+$ production and measurement of $ V_{tb} $ with CDF. Physical Review D, 2010, 82, .	7.8	78
39	Measurement of $C \times P$ violation and the $C \times P$ violation width difference with $B_s$ decay. Physical Review Letters, 2006, 97, 012002.	4.7	74
40	Measurement of $B_s$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	74
41	Measurement of the $B_c$ Meson Lifetime Using the Decay Mode $B_c \rightarrow J/\psi e^+ e^-$ . Physical Review Letters, 2006, 97, 012002.	7.8	73
42	Measurement of $D^0$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.1	73
43	Measurement of resonant and $B_c$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	73
44	Measurement of the $B_c$ production cross-section in proton-proton collisions via $B_c \rightarrow J/\psi e^+ e^-$ . Physical Review Letters, 2006, 97, 012002.		
45			

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55	Measurement of the Bottom-Strange Meson Mixing Phase in the Full CDF Data Set. <i>Physical Review Letters</i> , 2012, 109, 171802.	7.8	62
56	Precision measurement of the $B_s \rightarrow \overline{B}_s^0$ oscillation frequency with the decay $B_s \rightarrow \overline{B}_s^0 \tau^+ \nu_\tau$ . <i>New Journal of Physics</i> , 2013, 15, 053021.	2.9	59
57	Measurement of the W boson mass with the Collider Detector at Fermilab. <i>Physical Review D</i> , 2001, 64, .	4.7	58
58	Search for Top-Quark Production via Flavor-Changing Neutral Currents in $W$ Jet Events at CDF. <i>Physical Review Letters</i> , 2009, 102, 151801.	7.8	57
59	Observation of the $Y(4140)$ structure in the $J/\psi$ mass spectrum in $B_{\pm} \rightarrow J/\psi K_{\pm}$ decays. <i>Modern Physics Letters A</i> , 2017, 32, 1750139.	1.2	57
60	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.	7.8	56
61	Observation of a Resonance in $B \rightarrow \pi^+ \pi^0$ at Low Recoil. <i>Physical Review Letters</i> , 2013, 111, 112003.	7.8	56
62	Observation of $s$ -Channel Production of Single Top Quarks at the Tevatron. <i>Physical Review Letters</i> , 2014, 112, 231803.	7.8	56
63	Search for the Production of Narrow $B_c$ Mesons. <i>Physical Review Letters</i> , 2014, 112, 231803.	4.7	55
64	Search for the Production of Narrow $B_c$ Mesons. <i>Physical Review Letters</i> , 2014, 112, 231803.	7.8	52
65	FERMI-LARGE AREA TELESCOPE STUDY OF COSMIC RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2012, 755, 22.	4.5	52
66	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \overline{K}^0 \overline{K}^0$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	52
67	Bounds on Lorentz Invariance Violation from MAGIC Observation of GRB 190114C. <i>Physical Review Letters</i> , 2020, 125, 021301.	7.8	52
68	Measurement of branching ratio and CP asymmetry in the decay $B \rightarrow \pi^+ \pi^0$ . <i>Physical Review Letters</i> , 2014, 112, 231803.	4.7	51
69	Study of $B \rightarrow \pi^+ \pi^0$ mesons and evidence for a new $\overline{K}^0$ resonance. <i>Physical Review D</i> , 2014, 89, .	4.7	51
70	Combination of CDF and D0 results on the W boson mass and width. <i>Physical Review D</i> , 2004, 70, .	4.7	50
71	Measurement of $f_1(1260) \rightarrow \pi^+ \pi^-$ in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2007, 98, 231803.	4.7	50
72	Studying the underlying event in Drell-Yan and high transverse momentum jet production at the Tevatron. <i>Physical Review D</i> , 2010, 82, .	4.7	50

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73	Measurements of Direct $C \rightarrow P$ Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons. Physical Review Letters, 2011, 106, Precision measurement of the ratio of the	7.8	50
74	to $b \rightarrow c$ transitions	4.1	50
75	First Measurement of the Angular Coefficients of Drell-Yan boson mass at the Fermilab Tevatron. Physical Review D, 2008, 77	4.7	49
76	in the $e^+e^- \rightarrow e^+e^- \gamma^* \rightarrow e^+e^- \mu^+\mu^-$ process	7.8	48
77	Measurement of the forward-backward charge asymmetry of electron-positron pairs in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2005, 71, .	4.7	46
78	First Measurement of the $W$ -Boson Mass in Run II of the Tevatron. Physical Review Letters, 2007, 99, 151801.	7.8	46
79	Observation of Photon Polarization in the $e^+e^- \rightarrow e^+e^- \mu^+\mu^-$ process	4.7	46
80	Observation of Photon Polarization in the $b \rightarrow c$ Transition. Physical Review Letters, 2014, 112, 161801.	7.8	46
81	Measurement of the $B^+$ production cross section in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2007, 75, .	4.7	45
82	Tevatron Combination of Single-Top-Quark Cross Sections and Determination of the Magnitude of the Cabibbo-Kobayashi-Maskawa Matrix Element	7.8	45
83	Observation of New Charmless Decays of Bottom Hadrons. Physical Review Letters, 2009, 103, 031801.	7.8	44
84	Measurement of $D^0 \rightarrow \mu^+\mu^-$ and $D^0 \rightarrow \mu^+\mu^- \gamma$	7.8	43
85	Study of $\chi_{c1}$ $\rightarrow b$ meson production in $p\bar{p}$ collisions at $\sqrt{s} = 7$ and $8$ TeV. European Physical Journal C, 2014, 74, .	3.9	43
86	Measurement of the $B_c^+ \rightarrow B^+ c$ meson lifetime using $B_c^+ \rightarrow \mu^+ \nu_\mu X$	3.9	43
87	Measurement of $B(\tau^+ \rightarrow W^+ b)/B(\tau^+ \rightarrow W^+ q)$ at the Collider Detector at Fermilab. Physical Review Letters, 2005, 95, 102002.	7.8	42
88	First observation of the decay $B_c^+ \rightarrow \mu^+ \nu_\mu \{ \psi(K^+) \}$ . Journal of High Energy Physics, 2013, 2013, 1.	4.7	41
89	Search for the Exotic Meson $X$	3.9	40
90	Measurement of the CP-violating phase $\arg(B^0 \rightarrow \mu^+\mu^-)$	4.1	40

#	ARTICLE	IF	CITATIONS
91	Study of the kinematic dependences of $\hat{\Gamma} b \rightarrow 0$ production in pp collisions and a measurement of the $\hat{\Gamma} b \rightarrow 0$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39
92	New Hard-TeV Extreme Blazars Detected with the MAGIC Telescopes*. Astrophysical Journal, Supplement Series, 2020, 247, 16.	7.7	39
93	Measurement of Partial Widths and Search for Direct CP Violation in $D \rightarrow K^+ K^0$ Meson Decays to $K^+ K^0$ and $K^+ K^+ \pi^-$ . Physical Review Letters, 2005, 94, 122001.	7.8	38
94	Evidence for the Charmless Annihilation Decay Mode $B \rightarrow s \gamma$ . Physical Review Letters, 2012, 108, 211803.	7.8	38
95	Measurement of the Inclusive Leptonic Asymmetry in Top-Quark Pairs that Decay to Two Charged Leptons at CDF. Physical Review Letters, 2014, 113, 042001.	7.8	38
96	Periastron Observations of TeV Gamma-Ray Emission from a Binary System with a 50-year Period. Astrophysical Journal Letters, 2018, 867, L19.	8.3	38
97	MAGIC Observations of the Nearby Short Gamma-Ray Burst GRB 160821B. Astrophysical Journal, 2021, 908, 90.	4.5	38
98	Precision Measurement of the Mass and Lifetime of the $\Lambda_b$ Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	36
99	Model-independent confirmation of the $Z \rightarrow b \bar{b}$ branching fraction. Physical Review Letters, 2015, 92, .	5.6	417
100	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. Astroparticle Physics, 2019, 111, 35-53.	4.3	35
101	Measurements of Direct CP-Violating Asymmetries in Charmless Decays of Bottom Baryons. Physical Review Letters, 2014, 113, 242001.	7.8	34
102	Measurement of the flavour-specific CP-violating asymmetry $A_{CP}^{\text{charmless}}$ in $B \rightarrow s \gamma$ . Physical Review Letters, 2014, 113, 242001.	4.1	34
103	Search for direct CP violation in $B \rightarrow s \gamma$ decays using semileptonic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2013, 723, 33-43.	4.1	33
104	Study of $\Upsilon(4S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	33
105	Measurement of the leptonic asymmetry in $B \rightarrow s \gamma$ decays. Physical Review Letters, 2014, 113, 242001.	4.7	32
106	Measurement of the leptonic asymmetry in $B \rightarrow s \gamma$ decays. Physical Review Letters, 2014, 113, 242001.	4.7	32
107	Measurement of the leptonic asymmetry in $B \rightarrow s \gamma$ decays. Physical Review Letters, 2014, 113, 242001.	4.7	31
108	Measurement of the leptonic asymmetry in $B \rightarrow s \gamma$ decays. Physical Review Letters, 2014, 113, 242001.	4.7	31

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109	MAGIC very large zenith angle observations of the Crab Nebula up to 100 TeV. <i>Astronomy and Astrophysics</i> , 2020, 635, A158.	5.1	31
110	Monitoring of the radio galaxy M87 during a low-emission state from 2012 to 2015 with MAGIC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5354-5365.	4.4	31
111	Measurement of charged particle multiplicities and densities in $\sqrt{s} = 7$ TeV $pp$ collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>European Physical Journal C</i> , 2014, 74, 2888.	3.9	30
112	Measurement of the $C\bar{P}$ -Violating Phase $\arg(-i\lambda_{cb})$ in $B \rightarrow \bar{D}^* \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2011, 107, 102001.	7.8	29
113	Search for a Fermiophobic Higgs Boson Decaying into Diphotons in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2009, 103, 061803.	7.8	28
114	Observation of the $B \rightarrow \bar{D}^* \mu^+ \mu^-$ decay. <i>Physical Review Letters</i> , 2011, 107, 102001.	7.8	28
115	Combined Search for the Standard Model Higgs Boson Decaying to $b\bar{b}$ Pair Using the Full CDF Data Set. <i>Physical Review Letters</i> , 2012, 109, 111802.	7.8	28
116	Measurement of the $B \rightarrow K^* e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	28
117	First measurement of time-dependent CP violation in $B_s \rightarrow 0 \rightarrow \{K^+\} \{K^-\}$ decays. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	28
118	First Observation of a Baryonic $B_c$ Decay. <i>Physical Review Letters</i> , 2014, 113, 152003.	7.8	28
119	Study of the energy dependence of the underlying event in proton-antiproton collisions. <i>Physical Review D</i> , 2015, 92, .	4.7	28
120	Study of the variable broadband emission of Markarian 501 during the most extreme <i>Swift</i> X-ray activity. <i>Astronomy and Astrophysics</i> , 2020, 637, A86.	5.1	28
121	Search for the Standard Model Higgs Boson Decaying to $b\bar{b}$ Pair in Events with One Charged Lepton and Large Missing Transverse Energy Using the Full CDF Data Set. <i>Physical Review Letters</i> , 2012, 109, 111804.	7.8	27
122	Measurement of CP violation and constraints on the CKM angle $\beta$ in $B \rightarrow D^* K^* \mu^+ \mu^-$ decays. <i>Nuclear Physics B</i> , 2014, 888, 169-193.	2.5	27
123	Measurement of the $C\bar{P}$ -Violation in $B \rightarrow \bar{D}^* \mu^+ \mu^-$ decays. <i>Physical Review Letters</i> , 2011, 107, 102001.	7.8	27
124	Measurement of $\Upsilon$ production in $pp$ collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , 2014, 74, .	3.9	27
125	Tevatron Run II combination of the effective leptonic electroweak mixing angle. <i>Physical Review D</i> , 2018, 97, .	4.7	27
126	Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. <i>Astrophysical Journal</i> , 2019, 883, 135.	4.5	27





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145	Broadband characterisation of the very intense TeV flares of the blazar 1ES 1959+650 in 2016. <i>Astronomy and Astrophysics</i> , 2020, 638, A14.	5.1	23
146	Measurement of the masses and widths of the bottom baryons $\Lambda_b^0$ and $\Lambda_b^+$ . <i>Physical Review D</i> , 2012, 85, .	4.7	22
147	First observations of $B_s^0 \rightarrow D^+ D_s^-$ , $D_s^+ D_s^-$ and $D^0 D^0$ decays. <i>Physical Review D</i> , 2013, 87, .	4.7	22
148	Measurement of the CKM angle $\hat{\beta}^3$ using $B^+ \rightarrow \hat{\pi}^+ DK^0$ with $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^0$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	22
149	Measurement of differential production cross sections for $B^0$ and $B^+$ mesons in $pp$ collisions at $\sqrt{s} = 7$ TeV. <i>Physical Review D</i> , 2015, 91, .	4.7	22
150	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ branching fraction in association with jets. <i>Physical Review D</i> , 2015, 91, .	4.7	22
151	Testing emission models on the extreme blazar 2WHSP J073326.7+515354 detected at very high energies with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 2284-2299.	4.4	22
152	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	21
153	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. <i>Astrophysical Journal</i> , 2020, 890, 97.	4.5	21
154	Combined searches for dark matter in dwarf spheroidal galaxies observed with the MAGIC telescopes, including new data from Coma Berenices and Draco. <i>Physics of the Dark Universe</i> , 2022, 35, 100912.	4.9	21
155	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ branching fraction. <i>Physical Review D</i> , 2014, 89, 012001.	4.7	20
156	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ branching fraction. <i>Physical Review D</i> , 2014, 89, 012001.	7.8	20
157	Measurement of the $\Lambda_b^0$ mass and of the relative rate of $\Lambda_b^0 \rightarrow \pi^+ \pi^-$ and $\Lambda_b^0 \rightarrow \pi^0 \pi^0$ production. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	20
158	Testing two-component models on very high-energy gamma-ray-emitting BL Lac objects. <i>Astronomy and Astrophysics</i> , 2020, 640, A132.	5.1	20
159	Search for a Dark Matter Candidate Produced in Association with a Single Top Quark in $pp$ Collisions at $\sqrt{s} = 1.96$ TeV. <i>Physical Review Letters</i> , 2012, 108, 201802.	7.8	19
160	Measurement of the branching fractions of the decays $B_s^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physical Review D</i> , 2013, 87, .	4.7	19
161	Indirect measurement of the $B^0 \rightarrow \pi^+ \pi^-$ branching fraction. <i>Physical Review D</i> , 2014, 89, .	4.7	19
162	First Search for Exotic Z Boson Decays into Photons and Neutral Pions in Hadron Collisions. <i>Physical Review Letters</i> , 2014, 112, 111803.	7.8	18

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163	Precise measurement of the $W$ -boson mass with the Collider Detector at Fermilab. Physical Review D, 2014, 89.	4.7	18
164	Measurement of $CP$ -violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2014, 90, .	4.7	18
165	Observation of $B \rightarrow K^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2014, 90, .	4.7	17
166	Measurement of $CP$ -violation parameters in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2014, 90, .	2.5	17
167	Combination of searches for the Higgs boson using the full CDF data set. Physical Review D, 2013, 88, .	4.7	17
168	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2014, 112, 111802.	7.8	17
169	Evidence for the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Journal of High Energy Physics, 2014, 2014, 1.	4.7	16
170	Search for single top quark production in $p\bar{p} \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV in the missing transverse energy plus jets topology. Physical Review D, 2010, 81, .	4.7	15
171	Observation of the suppressed $AD$ modes $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 44-53.	4.7	15
172	Measurement of $R = B(\tau^+ \rightarrow W^b) / B(\tau^+ \rightarrow W^q)$ in top-quark-pair decays using lepton+jets events and the full CDF Run II dataset. Physical Review D, 2013, 87, .	4.7	15
173	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	7.8	15
174	Measurement of $R = B(\tau^+ \rightarrow W^b) / B(\tau^+ \rightarrow W^q)$ in Top-Quark-Pair Decays Using Dilepton Events and the Full CDF Run II Data Set. Physical Review Letters, 2014, 112, 221801.	7.8	15
175	Evidence for $s$ -Channel Single-Top-Quark Production in Events with One Charged Lepton and Two Jets at CDF. Physical Review Letters, 2014, 112, 231804.	7.8	15
176	Investigation of the correlation patterns and the Compton dominance variability of Mrk 421 in 2017. Astronomy and Astrophysics, 2021, 655, A89.	5.1	15
177	Search for a Higgs boson in the $\mu\mu$ final state using the full CDF data set from $p\bar{p} \rightarrow t\bar{t} \rightarrow \mu\mu$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2014, 112, 231804.	4.1	14
178	Measurement of $CP$ -violation parameters in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2014, 90, .	4.7	14
179	Measurement of indirect $CP$ -violating asymmetries in $D \rightarrow K^* \ell^+ \ell^-$ and $D \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ decays at CDF. Physical Review D, 2014, 90, .	4.7	14
180	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ Meson Lifetime in $D_s \rightarrow \ell^+ \ell^-$ Decays. Physical Review Letters, 2014, 113, 172001.	7.8	14

#	ARTICLE	IF	CITATIONS
181	Observation of charmonium pairs produced exclusively in $p\bar{p}$ collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	3.6	14
182	Measurement of CP asymmetry in $B_s^0 \rightarrow D^{\pm} K^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	14
183	Measurement of the $B_s^0 \rightarrow D^{\pm} K^{\pm}$ decays with $B_s^0 \rightarrow D^{\pm} K^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	14
184	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7-3946. Astrophysical Journal, 2017, 840, 74.	4.5	14
185	An intermittent extreme BL Lac: MWL study of 1ES2344+514 in an enhanced state. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3912-3928.	4.4	14
186	Measurement of the $B_s^0$ Lifetime in Fully and Partially Reconstructed $B_s^0 \rightarrow D^{\pm} K^{\mp}$ Decays in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 272001.	7.8	13
187	Measurement of the $B_s^0 \rightarrow D^{\pm} K^{\mp}$ decays with $B_s^0 \rightarrow D^{\pm} K^{\mp}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	7.8	13
188	Updated search for the standard model Higgs boson in events with jets and missing transverse energy using the full CDF data set. Physical Review D, 2013, 87, .	4.7	13
189	Observation of $B_{s1}^0 \rightarrow K^{\pm} K^{\mp}$ and evidence for $B_{s1}^0 \rightarrow K^{\pm} K^{\mp}$ decays. New Journal of Physics, 2014, 16, 123001.	2.9	13
190	Search for CP violation in $D^{\pm} \rightarrow K^{\pm} K^0$ and $D^{\pm} \rightarrow K^{\pm} K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
191	Search for CP violation in $B^{\pm} \rightarrow D^{\pm} K^{\pm}$ and $B^{\pm} \rightarrow D^{\pm} K^{\pm}$ decays with $B^{\pm} \rightarrow D^{\pm} K^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	13
192	Measurement of the $B^{\pm} \rightarrow D^{\pm} K^{\pm}$ decays with $B^{\pm} \rightarrow D^{\pm} K^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	13
193	Determination of $I^3$ and charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	4.1	13
194	Combined Forward-Backward Asymmetry Measurements in Top-Antitop Quark Production at the Tevatron. Physical Review Letters, 2018, 120, 042001.	7.8	13
195	Multiwavelength variability and correlation studies of Mrk421 during historically low X-ray and $\gamma$ -ray activity in 2015-2016. Monthly Notices of the Royal Astronomical Society, 0, .	4.4	13
196	Search for the Standard Model Higgs Boson Decaying to a $b\bar{b}$ Pair in Events with No Charged Leptons and Large Missing Transverse Energy using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111805.	7.8	12
197	Studies of the decays $B^{\pm} \rightarrow p\bar{h}^{\pm}$ and observation of $B^{\pm} \rightarrow \Lambda^{\pm}(1520)p$ . Physical Review D, 2013, 88, .	4.7	12
198	Search for s-Channel Single-Top-Quark Production in Events with Missing Energy Plus Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2014, 112, 231805.	7.8	12

#	ARTICLE	IF	CITATIONS
199	Measurement of the charge asymmetry in $e^+e^- \rightarrow b\bar{b}$ events with two leptons and bottom-quark jets using the full CDF data set. Physical Review D, 2013, 88, .	4.1	12
200	Measurement of the top-quark pair-production cross section in events with two leptons and bottom-quark jets using the full CDF data set. Physical Review D, 2013, 88, .	4.7	11
201	Effective lifetime measurements in the $B \rightarrow D^* \tau \nu_\tau$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 446–454.	4.7	11
202	Observation of associated production of a Z boson with a D meson in the forward region. Journal of High Energy Physics, 2014, 2014, .	4.7	11
203	VHE gamma-ray detection of FSRQ QSO B1420+326 and modeling of its enhanced broadband state in 2020. Astronomy and Astrophysics, 2021, 647, A163.	5.1	11
204	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017–2019. Astrophysical Journal, 2022, 927, 197.	4.5	11
205	Measurement of the Single Top Quark Production Cross Section and $ V_{tb} $ in Events with One Charged Lepton, Large Missing Transverse Energy, and Jets at CDF. Physical Review Letters, 2014, 113, 261804.	7.8	10
206	Study of top quark production and decays involving a tau lepton at CDF and limits on a charged Higgs boson contribution. Physical Review D, 2014, 89, .	4.7	10
207	A search for dark matter in Triangulum A with the MAGIC telescopes. Physics of the Dark Universe, 2020, 28, 100529.	4.9	10
208	Observation of the Gamma-Ray Binary HESS J0632+057 with the H.E.S.S., MAGIC, and VERITAS Telescopes. Astrophysical Journal, 2021, 923, 241.	4.5	10
209	Improved Search for a Higgs Boson Produced in Association with $Z\tau^+\tau^-$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 251802.	7.8	9
210	First observations of the rare decays $B \rightarrow \tau^+ K + \bar{\nu}_\tau + \bar{\nu}_\tau$ and $B \rightarrow \tau^+ \bar{K} + \bar{\nu}_\tau + \bar{\nu}_\tau$ . Journal of High Energy Physics, 2014, 2014, 1.	4.7	9
211	Search for the standard model Higgs boson produced in association with a $W^\pm$ boson with $7.5$ fb $^{-1}$ integrated luminosity at CDF. Physical Review D, 2012, 86, .	4.7	8
212	Measurement of the top-quark mass in the all-hadronic channel using the full CDF data set. Physical Review D, 2014, 90, .	4.7	8
213	Measurement of the $ZZ$ production cross section using the full CDF II data set. Physical Review D, 2014, 89, .	4.7	8
214	Observation of the $B_s^0 \rightarrow \tau^+ \bar{\nu}_\tau \bar{K}^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8
215	Measurement of the $B_c^\pm$ production cross section in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2016, 93, .	4.7	8
216	Deep observations of the globular cluster M15 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2876–2885.	4.4	8

#	ARTICLE	IF	CITATIONS
217	Design of a SiPM-based cluster for the Large-Sized Telescope camera of the Cherenkov Telescope Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 231-232.	1.6	8
218	Search for a Higgs Boson in the Diphoton Final State in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	7.8	7
219	Search for the decay $B_s^0 \rightarrow D^* \bar{a}^{\pm} \bar{a}^{\pm}$ . Physical Review D, 2013, 87, . Invariant-mass distribution of jet pairs produced in association with a $W$	4.7	7
220	Search for a Higgs Boson in the Diphoton Final State in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	4.7	7
221	The Cherenkov Telescope Array potential for the study of young supernova remnants. Astroparticle Physics, 2015, 62, 152-164.	4.3	7
222	Measurement of the forward-backward asymmetry of top-quark and antiquark pairs using the full CDF Run II data set. Physical Review D, 2016, 93, .	4.7	6
223	Relativistic plasmas in AGN jets. European Physical Journal D, 2017, 71, 1. Search for the rare radiative decay $W \rightarrow \bar{a}^{\pm} \bar{a}^{\pm}$	1.3	6
224	Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment. Physical Review Letters, 2015, 115, 061801.	4.7	5
225	Measurement of the top-quark mass in the $t\bar{t} \rightarrow \text{dilepton}$ channel using the full CDF Run II data set. Physical Review D, 2015, 92, .	4.7	5
226	Measurement of the production and differential cross sections of $W+W^{\pm}$ bosons in association with jets in $\sqrt{s}=1.96$ TeV. Physical Review D, 2015, 91, .	4.7	5
227	Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment. Physical Review Letters, 2015, 115, 061801.	7.8	5
228	Tevatron Constraints on Models of the Higgs Boson with Exotic Spin and Parity Using Decays to Bottom-Antibottom Quark Pairs. Physical Review Letters, 2015, 114, 151802.	7.8	5
229	Search for production of a top quark in association with a $W$ boson in $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	4.7	5
230	First measurement of the forward-backward asymmetry in bottom-quark pair production at high mass. Physical Review D, 2015, 92, .	4.7	4
231	Measurement of vector boson plus $D^*(2010)$ meson production in $\sqrt{s}=1.96$ TeV. Physical Review D, 2016, 93, .	4.7	4
232	Measurement of the $W$ and $WZ$ production cross section using final states with a charged lepton and heavy-flavor jets in the full CDF Run II data set. Physical Review D, 2016, 94, .	4.7	4
233	First detection of VHE gamma-ray emission from TXS J1515+273, study of its X-ray variability and spectral energy distribution. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1528-1545.	4.4	4
234	Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State. Astrophysical Journal, 2022, 932, 129.	4.5	4

#	ARTICLE	IF	CITATIONS
235	Measurement of the single top quark production cross section and $ V_{tb} $ in $1.96\text{ TeV } pp \rightarrow$ collisions with missing transverse energy and jets and final CDF combination. Physical Review D, 2016, 93, .	4.7	3
236	Studying the nature of the unidentified gamma-ray source HESS J1841 $\hat{a}$ 055 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2020, 497, 3734-3745.	4.4	3
237	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. Physical Review D, 2014, 90, .	4.7	2
238	Search for a low-mass neutral Higgs boson with suppressed couplings to fermions using events with multiphoton final states. Physical Review D, 2016, 93, .	4.7	2
239	Search for Very High-energy Emission from the Millisecond Pulsar PSR J0218+4232. Astrophysical Journal, 2021, 922, 251.	4.5	2
240	Constraints on Models of the Higgs Boson with Exotic Spin and Parity using Decays to Bottom-Antibottom Quarks in the Full CDF Data Set. Physical Review Letters, 2015, 114, 141802.	7.8	1
241	Studies of high-transverse momentum jet substructure and top quarks produced in $1.96\text{ TeV}$ proton-antiproton collisions. Physical Review D, 2015, 91, .	4.7	1
242	Measurement of the forward-backward asymmetry in low-mass bottom-quark pairs produced in proton-antiproton collisions. Physical Review D, 2016, 93, .	4.7	1
243	Measurement of the inclusive-isolated prompt-photon cross section in $pp \rightarrow$ collisions using the full CDF data set. Physical Review D, 2017, 96, .	4.7	1
244	Measurement of the $D^+$ meson production cross section at low transverse momentum in $pp \rightarrow$ collisions at $s=1.96\text{ TeV}$ . Physical Review D, 2017, 95, .	4.7	1
245	Search for standard-model Z and Higgs bosons decaying into a bottom-antibottom quark pair in proton-antiproton collisions at $1.96\text{ TeV}$ . Physical Review D, 2018, 98, .	4.7	1
246	Measurement of the charge asymmetry of electrons from the decays of W bosons produced in $pp \rightarrow$ collisions at $s=1.96\text{ TeV}$ . Physical Review D, 2021, 104, .	4.7	1
247	Measurement of the differential cross sections for $W$ boson production in association with jets in $pp \rightarrow$ collisions. Physical Review D, 2021, 104, .	4.7	0
248	Search for Higgs-like particles produced in association with bottom quarks in proton-antiproton collisions. Physical Review D, 2019, 99, .	4.7	0