

# Giovanni Busetto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3682528/publications.pdf>

Version: 2024-02-01

248  
papers

20,391  
citations

24978

57  
h-index

11030

137  
g-index

250  
all docs

250  
docs citations

250  
times ranked

13736  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.8	21
2	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017–2019. <i>Astrophysical Journal</i> , 2022, 927, 197.	1.6	11
3	High-precision measurement of the $W$ boson mass with the CDF II detector. <i>Science</i> , 2022, 376, 170-176.	6.0	336
4	Proton acceleration in thermonuclear nova explosions revealed by gamma rays. <i>Nature Astronomy</i> , 2022, 6, 689-697.	4.2	25
5	Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State. <i>Astrophysical Journal</i> , 2022, 932, 129.	1.6	4
6	MAGIC Observations of the Nearby Short Gamma-Ray Burst GRB 160821B. <i>Astrophysical Journal</i> , 2021, 908, 90.	1.6	38
7	VHE gamma-ray detection of FSRQ QSO B1420+326 and modeling of its enhanced broadband state in 2020. <i>Astronomy and Astrophysics</i> , 2021, 647, A163.	2.1	11
8	Investigation of the correlation patterns and the Compton dominance variability of Mrk 421 in 2017. <i>Astronomy and Astrophysics</i> , 2021, 655, A89.	2.1	15
9	First detection of VHE gamma-ray emission from TXS 1515+273, study of its X-ray variability and spectral energy distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1528-1545.	1.6	4
10	Measurement of the charge asymmetry of electrons from the decays of $W$ bosons produced in $pp$ collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review D</i> , 2021, 104, .	1.6	1
11	Search for Very High-energy Emission from the Millisecond Pulsar PSR J0218+4232. <i>Astrophysical Journal</i> , 2021, 922, 251.	1.6	2
12	Observation of the Gamma-Ray Binary HESS J0632+057 with the H.E.S.S., MAGIC, and VERITAS Telescopes. <i>Astrophysical Journal</i> , 2021, 923, 241.	1.6	10
13	Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April. <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 29.	3.0	25
14	Studying the nature of the unidentified gamma-ray source HESS J1841+055 with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 3734-3745.	1.6	3
15	MAGIC very large zenith angle observations of the Crab Nebula up to 100 TeV. <i>Astronomy and Astrophysics</i> , 2020, 635, A158.	2.1	31
16	A search for dark matter in Triangulum with the MAGIC telescopes. <i>Physics of the Dark Universe</i> , 2020, 28, 100529.	1.8	10
17	New Hard-TeV Extreme Blazars Detected with the MAGIC Telescopes. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 16.	3.0	39
18	An intermittent extreme BL Lac: MWL study of 1ES 2344+514 in an enhanced state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3912-3928.	1.6	14

#	ARTICLE	IF	CITATIONS
19	Bounds on Lorentz Invariance Violation from MAGIC Observation of GRB 190114C. Physical Review Letters, 2020, 125, 021301.	2.9	52
20	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. Astrophysical Journal, 2020, 890, 97.	1.6	21
21	Monitoring of the radio galaxy M87 during a low-emission state from 2012 to 2015 with MAGIC. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5354-5365.	1.6	31
22	Study of the variable broadband emission of Markarian 501 during the most extreme <i>Swift</i> X-ray activity. Astronomy and Astrophysics, 2020, 637, A86.	2.1	28
23	Broadband characterisation of the very intense TeV flares of the blazar 1ES 1959+650 in 2016. Astronomy and Astrophysics, 2020, 638, A14.	2.1	23
24	MAGIC observations of the diffuse $\gamma$ -ray emission in the vicinity of the Galactic center. Astronomy and Astrophysics, 2020, 642, A190.	2.1	25
25	Testing two-component models on very high-energy gamma-ray-emitting BL Lac objects. Astronomy and Astrophysics, 2020, 640, A132.	2.1	20
26	Detection of the Geminga pulsar with MAGIC hints at a power-law tail emission beyond 15 GeV. Astronomy and Astrophysics, 2020, 643, L14.	2.1	26
27	Testing emission models on the extreme blazar 2WHSP J073326.7+515354 detected at very high energies with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2284-2299.	1.6	22
28	Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. Astrophysical Journal, 2019, 883, 135.	1.6	27
29	Deep observations of the globular cluster M15 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2876-2885.	1.6	8
30	Measurement of the extragalactic background light using MAGIC and Fermi-LAT gamma-ray observations of blazars up to $z \approx 1$ . Monthly Notices of the Royal Astronomical Society, 2019, 486, 4233-4251.	1.6	67
31	Search for Higgs-like particles produced in association with bottom quarks in proton-antiproton collisions. Physical Review D, 2019, 99, .	1.6	0
32	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.	0.7	8
33	Monte Carlo studies for the optimisation of the Cherenkov Telescope Array layout. Astroparticle Physics, 2019, 111, 35-53.	1.9	35
34	Combined Forward-Backward Asymmetry Measurements in Top-Antitop Quark Production at the Tevatron. Physical Review Letters, 2018, 120, 042001.	2.9	13
35	Search for Higgs-like particles produced in association with jets in $pp$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2018, 98, .	1.6	0
36	Search for standard-model Z and Higgs bosons decaying into a bottom-antibottom quark pair in proton-antiproton collisions at 1.96 TeV. Physical Review D, 2018, 98, .	1.6	1

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37	Periastron Observations of TeV Gamma-Ray Emission from a Binary System with a 50-year Period. <i>Astrophysical Journal Letters</i> , 2018, 867, L19.	3.0	38
38	Tevatron Run II combination of the effective leptonic electroweak mixing angle. <i>Physical Review D</i> , 2018, 97, .	1.6	27
39	Search for the Exotic Meson $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle X \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mn} \rangle 5568 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 657 Td (stretchy="false")$ . <i>Astrophysical Journal Letters</i> , 2018, 120, 202006.	1.6	14
40	Science with e-ASTROGAM. <i>Journal of High Energy Astrophysics</i> , 2018, 19, 1-106.	2.4	177
41	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7 $\hat{\sim}$ 3946. <i>Astrophysical Journal</i> , 2017, 840, 74.	1.6	14
42	Observation of the $\Upsilon(4140)$ structure in the $J/\psi$ mass spectrum in $B_{\hat{\pm}} \hat{\rightarrow} J/\psi + K_{\hat{\pm}}$ decays. <i>Modern Physics Letters A</i> , 2017, 32, 1750139.	0.5	57
43	Relativistic plasmas in AGN jets. <i>European Physical Journal D</i> , 2017, 71, 1.	0.6	6
44	Measurement of the inclusive-isolated prompt-photon cross section in $pp \rightarrow \gamma + \text{jet} + X$ collisions using the full CDF data set. <i>Physical Review D</i> , 2017, 96, .	1.6	1
45	Measurement of the $D^+$ -meson production cross section at low transverse momentum in $pp \rightarrow D^+ + X$ collisions at $s = 1.96 \text{ TeV}$ . <i>Physical Review D</i> , 2017, 95, .	1.6	1
46	Measurement of the $B_c$ production cross section in $pp \rightarrow B_c + X$ collisions at $s = 1.96 \text{ TeV}$ . <i>Physical Review D</i> , 2016, 93, .	1.6	8
47	Measurement of the forward-backward asymmetry in low-mass bottom-quark pairs produced in proton-antiproton collisions. <i>Physical Review D</i> , 2016, 93, .	1.6	1
48	Measurement of the forward-backward asymmetry of top-quark and antiquark pairs using the full CDF Run II data set. <i>Physical Review D</i> , 2016, 93, .	1.6	6
49	Search for a low-mass neutral Higgs boson with suppressed couplings to fermions using events with multiphoton final states. <i>Physical Review D</i> , 2016, 93, .	1.6	2
50	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \sin \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mathvariant="bold"} \rangle \text{eff} \langle \text{mml:mtext} \rangle \langle \text{mml:mtext} \text{mathvariant="bold"} \rangle \text{lept} \langle \text{mml:mtext} \rangle \langle \text{mml:msubsup} \rangle \langle \text{mml:math} \rangle$ using $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle e \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle$ collisions using the full CDF Run II data set.	1.6	14
51	Measurement of the single top quark production cross section and $ V_{tb} $ in $1.96 \text{ TeV } pp \rightarrow \text{top} + X$ collisions with missing transverse energy and jets and final CDF combination. <i>Physical Review D</i> , 2016, 93, .	1.6	3
52	Measurement of vector boson plus $D^*(2010)$ -meson production in $pp \rightarrow \text{vector boson} + D^*(2010) + X$ collisions at $s = 1.96 \text{ TeV}$ . <i>Physical Review D</i> , 2016, 93, .	1.6	4
53	Measurement of the $W^+W^-$ production cross section using final states with a charged lepton and heavy-flavor jets in the full CDF Run II data set. <i>Physical Review D</i> , 2016, 94, .	1.6	4
54	Measurement of the top-quark mass in the $t \rightarrow b \gamma$ dilepton channel using the full CDF Run II data set. <i>Physical Review D</i> , 2015, 92, .	1.6	5

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55	Study of the energy dependence of the underlying event in proton-antiproton collisions. Physical Review D, 2015, 92, .	1.6	28
56	Tevatron Combination of Single-Top-Quark Cross Sections and Determination of the Magnitude of the Cabibbo-Kobayashi-Maskawa Matrix Element $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle V \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle$	2.9	45
57	Measurement of the production and differential cross sections of $W+W^*$ bosons in association with jets in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2015, 91, .	1.6	5
58	Model-independent confirmation of the $Z \rightarrow b\bar{b}$ cross section in association with jets in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2015, 92, .	1.6	15
59	Search for Resonances Decaying to Top and Bottom Quarks with the CDF Experiment. Physical Review Letters, 2015, 115, 061801.	2.9	5
60	First measurement of the forward-backward asymmetry in bottom-quark pair production at high mass. Physical Review D, 2015, 92, .	1.6	4
61	Determination of $\hat{\Gamma}^3$ and charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	1.5	13
62	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.	2.9	5
63	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.	2.9	1
64	Studies of high-transverse momentum jet substructure and top quarks produced in 1.96 TeV proton-antiproton collisions. Physical Review D, 2015, 91, .	1.6	1
65	Measurement of central exclusive $\gamma\gamma \rightarrow b\bar{b}$ production in association with jets in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2015, 91, .	1.6	5
66	Measurement of the $\sigma_{\text{c}}(1S)$ production cross-section in proton-antiproton collisions via	1.6	22
67	Measurement of the $\sigma_{\text{c}}(1S)$ production cross-section in proton-antiproton collisions via		
68	Measurement of the $\sigma_{\text{c}}(1S)$ production cross-section in proton-antiproton collisions via		

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73	Measurement of CP violation parameters in charmless $B \rightarrow K^* K$ decays. Physical Review D, 2014, 90, .	1.6	14
74	Measurement of indirect CP-violating asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 K^0$ decays at CDF. Physical Review D, 2014, 90, .	1.6	14
75	Measurements of CP violation in the three-body phase space of charmless $B \rightarrow K^* K$ decays. Physical Review D, 2014, 90, .	1.6	65
76	Observation of $B_{s1} \rightarrow K^* K^* \pi$ and evidence for $B_{s1} \rightarrow K^* \pi^0$ decays. New Journal of Physics, 2014, 16, 123001.	1.2	13
77	Measurement of CP violation and constraints on the CKM angle $\hat{\Gamma}^3$ in $B_{\Delta}^{\pm} \rightarrow DK_{\Delta}^{\pm}$ decays. Nuclear Physics B, 2014, 888, 169-193.	0.9	27
78	Measurement of the $B^0 \rightarrow B^0$ production asymmetries in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 218-228.	1.5	23
79	Mass and lifetime measurements of bottom and charm baryons in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2014, 89, .	1.6	24
80	Measurement of the ZZ production cross section using the full CDF II data set. Physical Review D, 2014, 89, .	1.6	8
81	Measurement of the $W \rightarrow \mu \mu$ boson in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2014, 89, .	1.6	7
82	Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. Physical Review D, 2014, 89, .	1.6	69
83	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	2.9	15
84	Search for new physics in trilepton events and limits on the associated chargino-neutralino production at CDF. Physical Review D, 2014, 90, .	1.6	2
85	Measurement of the Inclusive Leptonic Asymmetry in Top-Quark Pairs that Decay to Two Charged Leptons at CDF. Physical Review Letters, 2014, 113, 042001.	2.9	38
86	Evidence for CP violation in charmless $B \rightarrow K^* K$ decays. Physical Review D, 2014, 89, .	2.9	27
87	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, .	1.6	10
88	First Observation of a Baryonic $B_c$ Decay. Physical Review Letters, 2014, 113, 152003.	2.9	28
89	First Search for Exotic Z Boson Decays into Photons and Neutral Pions in Hadron Collisions. Physical Review Letters, 2014, 112, 111803.	2.9	18
90	Measurement of resonant and non-resonant $B \rightarrow K^* K$ components in $pp$ collisions at $\sqrt{s} = 7$ TeV. Physical Review D, 2014, 89, .	1.6	73

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91	Search for Majorana Neutrinos in $B \rightarrow \tau \bar{\nu}_\tau \ell \nu_\ell$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
92	Measurement of $B(\tau^+ \nu_\tau W^0)/B(\tau^+ \nu_\tau W^+)$ in Top-Quark-Pair Decays Using Dilepton Events and the Full CDF Run II Data Set. Physical Review Letters, 2014, 112, 221801.	2.9	15
93	Measurement of the $B \rightarrow s$ Meson Lifetime in $D_s \rightarrow \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
94	Search for s-Channel Single-Top-Quark Production in Events with Missing Energy Plus Jets in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2014, 112, 231805.	2.9	12
95	Evidence for $C \rightarrow P$ -Channel Single-Top-Quark Production in Events with One Charged Lepton and Two Jets at CDF. Physical Review Letters, 2014, 112, 231804.	2.9	15
96	Violation in the Phase Space of $B \rightarrow A \pm K$ components in $B \rightarrow C P$ components in $B \rightarrow C P$	2.9	78
97	Observation of Overlapping Spin-1 and Spin-3 $B \rightarrow C P$ components in $B \rightarrow C P$	1.6	67
98	Measurement of $B \rightarrow D$ asymmetries	2.9	80
99	Dalitz plot analysis of $B \rightarrow C P$	2.9	17
100	Measurement of $B \rightarrow C P$ asymmetries	1.6	99
101	Measurement of $B \rightarrow C P$ asymmetries	2.9	20
102	Precision Measurement of the Mass and Lifetime of the $\Omega_b$ Baryon. Physical Review Letters, 2014, 113, 032001.	2.9	36
103	Study of orbitally excited $B$ mesons and evidence for a new $B$ resonance. Physical Review D, 2014, 90, .	1.6	51
104	Precise measurement of the $W$ -boson mass with the Collider Detector at Fermilab. Physical Review D, 2014, 89, .	1.6	18
105	Test of Lepton Universality Using $B \rightarrow K$ decays	2.9	845
106	Measurements of Direct $C \rightarrow P$ -Violating Asymmetries in Charmless Decays of Bottom Baryons. Physical Review Letters, 2014, 113, 242001.	2.9	34
107	Violation in $B \rightarrow C P$ decays	1.6	18
108	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	2.9	26

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109	Observation of $B^0 \rightarrow D^+ \pi^-$ (1285) Decays and Measurement of the $\theta(1285)$ Mixing Angle. Physical Review Letters, 2014, 112, 091802.	2.9	24
110	Measurement of the ratio of $B \rightarrow D^* \pi$ fractions to $B \rightarrow D \pi$ . Physical Review D, 2014, 90, 074005.	1.6	31
111	Study of beauty baryon decays to $D^* \Lambda$ . Physical Review D, 2014, 90, 074006.	1.6	31
112	Observation of charmonium pairs produced exclusively in $pp$ collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	1.4	14
113	Study of $\chi_{c0}$ meson production in $pp$ collisions at $\sqrt{s} = 7$ and $8$ TeV. European Physical Journal C, 2014, 74, .	1.4	43
114	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
115	Search for CP violation in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^- \pi^0 \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
116	First observations of the rare decays $B \rightarrow D^* K + \bar{D}^* K$ and $B \rightarrow D^* K + \bar{D}^* K$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
117	Measurement of the $B \rightarrow D^* K$ mass and of the relative rate of $B \rightarrow D^* K$ production. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
118	Measurement of the CKM angle $\beta_3$ using $B^0 \rightarrow D^+ K^-$ with $D^0 \rightarrow K^+ K^-$ , $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
119	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
120	Measurement of the flavour-specific CP-violating asymmetry $A_{CP}^{\text{FB}}(B \rightarrow D^* K)$ . Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 36-45.	1.5	34
121	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$ . Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 36-45.	1.5	13
122	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
123	Study of $J/\psi$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	74
124	Measurement of the $B \rightarrow D^* K$ mass and of the relative rate of $B \rightarrow D^* K$ production. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 36-45.	1.5	13
125	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$ . Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 36-45.	1.5	13
126	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$ . Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 36-45.	1.5	40



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127	Searches for $\Lambda_b^0$ and $\Xi_b^0$ decays to $K_{\text{S}}^* \pi^0$ and $K_{\text{S}}^* \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{S}}^* \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	0.9	114
128	Observation of associated production of a Z boson with a D meson in the forward region. Journal of High Energy Physics, 2014, 2014, .	1.6	11
130	Measurements of the B <sup>+</sup> , B <sup>0</sup> , B <sub>s</sub> <sup>0</sup> meson and $\Lambda_b^0$ baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	1.6	26
131	Evidence for the decay $\text{B}_{\text{c}}^+ \rightarrow \text{B}^0 \pi^+$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	16
132	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
133	Study of $\Upsilon$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{\text{NN}}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	33
134	Observation of the $B_s^0 \rightarrow K^+ K^- \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
135	Study of the kinematic dependences of $\bar{b}^0$ production in pp collisions and a measurement of the $\bar{b}^0 \rightarrow \bar{c}^0 \pi^+$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
136	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
137	Measurement of $\Upsilon$ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	1.4	27
138	Measurement of the $B_{\text{c}}^+$ meson lifetime using $B_{\text{c}}^+ \rightarrow \mu^+ \nu_{\mu} X$ . European Physical Journal C, 2014, 74, 2839.	1.4	43
139	Measurement of charged particle multiplicities and densities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888.	1.4	30
140	Indirect measurement of $\sin^2 2\beta$ . Physical Review D, 2014, 89.	1.6	19
141	Measurement of the charge asymmetry in $\text{B}_{\text{c}}^+$ decays. Physical Review D, 2014, 89.	1.5	12
142	Observation of the Resonant Character of the $Z \rightarrow \text{B}_{\text{c}}^+ \text{B}_{\text{c}}^-$ Transition. Physical Review Letters, 2014, 112, 161801.	2.9	325
143	Observation of Photon Polarization in the $\text{B}_{\text{c}}^+ \rightarrow \text{B}^0 \pi^+$ Transition. Physical Review Letters, 2014, 112, 161801.	2.9	46
144	Observation of $s$ -Channel Production of Single Top Quarks at the Tevatron. Physical Review Letters, 2014, 112, 231803.	2.9	56

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145	<p>First measurement of the ratio of the <math>B_c \rightarrow \psi(3711) \ell^+ \ell^-</math> decays. <i>Journal of High Energy Physics</i>, 2013, 2013, 1.</p> <p>First measurement of the ratio of the <math>B_c \rightarrow \psi(3711) \ell^+ \ell^-</math> decays. <i>Journal of High Energy Physics</i>, 2013, 2013, 1.</p>	1.5	50
146	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , 2013, 2013, .	1.6	65
147	Measurement of the $B \rightarrow K^* e^+ e^-$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	28
148	Higgs boson studies at the Tevatron. <i>Physical Review D</i> , 2013, 88, .	1.6	98
149	First measurement of time-dependent CP violation in $B_s \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	28
150	First observation of the decay $B_c \rightarrow \psi(3711) \ell^+ \ell^-$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	41
151	Measurement of $J/\psi$ polarization in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2631.	1.4	117
152	Observation of the decay $B_c \rightarrow \psi(3711) K^+ K^-$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	25
153	First Observation of $C \rightarrow P$ Violation in the Decays of $B_c \rightarrow \psi(3711) \ell^+ \ell^-$ . <i>Physical Review Letters</i> , 2013, 110, 221601.	2.9	105
154	Detection of the Characteristic Pion-Decay Signature in Supernova Remnants. <i>Science</i> , 2013, 339, 807-811.	6.0	591
155	Measurement of the effective $B \rightarrow K^* \ell^+ \ell^-$ branching fraction. <i>Physical Review Letters</i> , 2013, 110, 221801.	0.9	17
156	Observation of the suppressed ADS modes $B_c \rightarrow \psi(3711) \ell^+ \ell^-$ . <i>Physical Review Letters</i> , 2013, 110, 221801.	1.6	41
157	Search for time-dependent CP violation in $B_c \rightarrow \psi(3711) \ell^+ \ell^-$ decays. <i>Physical Review Letters</i> , 2013, 110, 221801.	1.6	41
157	Measurement of the suppressed ADS modes $B_c \rightarrow \psi(3711) \ell^+ \ell^-$ using semileptonic B decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 723, 33-43.	1.6	41
158	Introducing the CTA concept. <i>Astroparticle Physics</i> , 2013, 43, 3-18.	1.9	504
159	Observation of $B \rightarrow K^* \ell^+ \ell^-$ oscillation frequency with the decay $B \rightarrow K^* \ell^+ \ell^-$ . <i>New Journal of Physics</i> , 2013, 15, 053021.	0.9	17
160	Precision measurement of the $B \rightarrow K^* \ell^+ \ell^-$ oscillation frequency with the decay $B \rightarrow K^* \ell^+ \ell^-$ . <i>New Journal of Physics</i> , 2013, 15, 053021.	1.2	59
161	THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 208, 17.	3.0	693
162	Measurement of $C \rightarrow P$ violation and the $B_c \rightarrow \psi(3711) \ell^+ \ell^-$ decay width difference with $B_c \rightarrow \psi(3711) \ell^+ \ell^-$ . <i>Physical Review Letters</i> , 2013, 110, 221801.	1.6	74

#	ARTICLE	IF	CITATIONS
163	Measurement of $\langle \mathcal{C} \rangle$ and $\langle \mathcal{P} \rangle$ Asymmetry in $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2013, 111, 101802.	1.9	13
164	Combination of searches for the Higgs boson using the full CDF data set. Physical Review D, 2013, 88, .	1.6	17
165	First observations of $B \rightarrow D^* D^* \ell \bar{\nu}_\ell$ and $B \rightarrow D^* D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2013, 87, .	1.6	22
166	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ Asymmetry in $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2013, 111, 101802.	2.9	13
167	Determination of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ Asymmetry in $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2013, 111, 101802.	1.6	19
168	Measurement of the branching fractions of the decays $B \rightarrow D^* \ell \bar{\nu}_\ell$ and $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Physical Review D, 2013, 87, .	1.6	19
169	Observation of the Decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Physical Review Letters, 2013, 111, 101802.	2.9	72
170	Search for the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Physical Review D, 2013, 87, .	1.6	7
171	Measurement of $\langle \mathcal{C} \rangle$ and $\langle \mathcal{P} \rangle$ Violation in the Phase Space of $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2013, 111, 101802.	2.9	101
172	Observation of $B \rightarrow D^* \ell \bar{\nu}_\ell$ Asymmetry in $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2013, 111, 231802.	2.9	26
173	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, .	1.6	13
174	Observation of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Physical Review Letters, 2013, 111, 101802.	1.6	32
175	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Physical Review D, 2013, 87, .	2.9	49
176	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, .	1.6	11
177	Combination of CDF and $D^0 \rightarrow W^+ W^- B$ -Boson mass measurements. Physical Review D, 2013, .	1.6	66
178	Observation of $B \rightarrow D^* \ell \bar{\nu}_\ell$ Asymmetry in $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2013, 111, 101802.	1.6	55
179	Studies of the decays $B \rightarrow D^* \ell \bar{\nu}_\ell$ and observation of $B \rightarrow D^* \ell \bar{\nu}_\ell$ . Physical Review D, 2013, 88, .	1.6	12
180	Observation of a Resonance in $B \rightarrow D^* \ell \bar{\nu}_\ell$ Decays at Low Recoil. Physical Review Letters, 2013, 111, 112003.	2.9	46

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182	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	1.6	26
183	Observation of $W \rightarrow B \gamma$ in Association with a Single Charm Quark. Physical Review Letters, 2012, 110, 071801.	1.6	32
184	Measurement of the top quark forward-backward production asymmetry and its dependence on event kinematic properties. Physical Review D, 2013, 87, .	1.6	122
185	Observation of the Production of a $W$ Boson in Association with a Single Charm Quark. Physical Review Letters, 2012, 108, 011801.	2.9	24
186	Measurement of $R = B(\tau^+ W_b) / B(\tau^+ W_q)$ in top-quark-pair decays using lepton+jet events and the full CDF run II dataset. Physical Review D, 2013, 87, .	1.6	15
187	Search for a Higgs Boson in the Diphoton Final State in $p\bar{p} \rightarrow \gamma\gamma$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 011801.	2.9	7
188	Transverse momentum cross section of $W \rightarrow B \gamma$ pairs in the $W \rightarrow B \gamma$ region from $W \rightarrow B \gamma$ collisions. Physical Review Letters, 2012, 109, 111805.	1.6	46
189	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	1.6	109
190	Search for the Standard Model Higgs Boson Decaying to a $W \rightarrow B \gamma$ Pair in Events with No Charged Leptons and Large Missing Transverse Energy using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111805.	2.9	12
191	Search for the Standard Model Higgs Boson Decaying to $W \rightarrow B \gamma$ Pair in Events with Two Oppositely Charged Leptons Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111803.	2.9	25
192	Search for the rare radiative decay $W \rightarrow B \gamma$ in association with a single charm quark. Physical Review Letters, 2012, 109, 111804.	1.6	5
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194	Measurement of the Bottom-Strange Meson Mixing Phase in the Full CDF Data Set. Physical Review Letters, 2012, 109, 171802.	2.9	62
195	Search for the standard model Higgs boson produced in association with a $W \rightarrow B \gamma$ boson with $7.5$ fb $^{-1}$ integrated luminosity at CDF. Physical Review D, 2012, 86, .	1.6	8
196	Search for the Standard Model Higgs Boson Decaying to $W \rightarrow B \gamma$ Pair in Events with One Charged Lepton and Large Missing Transverse Energy Using the Full CDF Data Set. Physical Review Letters, 2012, 109, 111804.	2.9	27
197	Search for a Dark Matter Candidate Produced in Association with a Single Top Quark in $p\bar{p} \rightarrow \gamma\gamma$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 201802.	2.9	19
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200	Evidence for the Charmless Annihilation Decay Mode $B \rightarrow s\gamma$ . Physical Review Letters, 2012, 108, 211803.	2.9	38
201	Measurement of CP-violating asymmetries in $D^0 \rightarrow \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^-$ decays at CDF. Physical Review D, 2012, 85, .	1.6	65
202	Measurement of the masses and widths of the bottom baryons $\Lambda_b^0$ and $\Sigma_b^0$ . Physical Review D, 2012, 85, .	1.6	22
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204	Search for a Higgs boson in the diphoton final state using the full CDF data set from $pp \rightarrow \gamma\gamma$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2012, 108, 151803.	1.5	14
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207	Evidence for a mass dependent forward-backward asymmetry in top quark pair production. Physical Review D, 2011, 83, .	1.6	238
208	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. Experimental Astronomy, 2011, 32, 193-316.	1.6	640
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210	First Measurement of the Angular Coefficients of Drell-Yan $q\bar{q} \rightarrow \mu^+\mu^-$ in the $Z$ Mass Region from Measurements of Direct CP-Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons. Physical Review Letters, 2011, 106, 181802.	2.9	48
211	Observation of the $Z$ Mass Region from Measurements of Direct CP-Violating Asymmetries in Charmless Decays of Strange Bottom Mesons and Bottom Baryons. Physical Review Letters, 2011, 106, 181802.	2.9	50
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214	FERMI LARGE AREA TELESCOPE FIRST SOURCE CATALOG. Astrophysical Journal, Supplement Series, 2010, 188, 405-436.	3.0	851
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218	Search for single top quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV in the missing transverse energy plus jets topology. Physical Review D, 2010, 81, .	1.6	15
219	Observation of New Charmless Decays of Bottom Hadrons. Physical Review Letters, 2009, 103, 031801.	2.9	44
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224	Observation of Electroweak Single Top-Quark Production. Physical Review Letters, 2009, 103, 092002.	2.9	199
225	Fermi Observations of High-Energy Gamma-Ray Emission from GRB 080916C. Science, 2009, 323, 1688-1693.	6.0	523
226	First simultaneous measurement of the top quark mass in dilepton+jet and dilepton channels at CDF. Physical Review D, 2009, 79, .	1.6	25
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229	Observation of the Decay $B_c \rightarrow \mu^+ \mu^- \tau^+ \tau^-$ . Physical Review Letters, 2008, 100, 161802.	2.9	106
230	First Flavor-Tagged Determination of Bounds on Mixing-Induced $CP$ Violation in $B \rightarrow C P$ . Physical Review Letters, 2008, 100, 161802.	2.9	179
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232	Measurement of $\sigma(\bar{p}p \rightarrow \tau^+ \tau^-) / \sigma(\bar{p}p \rightarrow \mu^+ \mu^-)$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 98, 231801.	2.9	107
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234	Measurements of inclusive $W$ and $Z$ cross sections in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, 2457-2544.	1.4	188

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237	Measurement of the $B_c$ Meson Lifetime Using the Decay Mode $B_c \rightarrow J/\psi e^+ e^-$ . Physical Review Letters, 2006, 97, 012002.	2.9	73
238	Observation of $B_s^0 \rightarrow K^+ K^-$ 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. Physical Review Letters, 2006, 97, 211802.	2.9	56
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241	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
242	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, .	1.6	46
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