

# Enrique Camacho-Perez

## List of Publications by Year in descending order

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196  
papers

6,057  
citations

76326

40  
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118850

62  
g-index

197  
all docs

197  
docs citations

197  
times ranked

6790  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Forward-backward asymmetry in top quark-antiquark production. Physical Review D, 2011, 84, . Double parton interactions in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 0.8em;">p \bar{p} \rightarrow t \bar{t} + \text{jet events} \rangle$	4.7	188
3	in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 0.8em;">p \bar{p} \rightarrow t \bar{t} + \text{jet events} \rangle$	4.7	144
4	Evidence for a $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 0.8em;">B_s \rightarrow B_s^0 \mu^+ \mu^- \rangle$ Physical Review Letters, 2016, 117, 022003.	4.7	132
5	Evidence for an anomalous like-sign dimuon charge asymmetry. Physical Review D, 2010, 82, .	4.7	127
6	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $\sqrt{s}=900$ GeV. European Physical Journal C, 2010, 65, 111-125.	3.9	124
7	Combination of Tevatron Searches for the Standard Model Higgs Boson in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 0.8em;">W \rightarrow W \mu^+ \mu^- \rangle$ Mode. Physical Review Letters, 2010, 104, 061802.	7.8	114
8	Combination of the top-quark mass measurements from the Tevatron collider. Physical Review D, 2012, 86, .	4.7	109
9	Evidence for an Anomalous Like-Sign Dimuon Charge Asymmetry. Physical Review Letters, 2010, 105, 081801.	7.8	108
10	Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 0.8em;">W \rightarrow W \mu^+ \mu^- \rangle$ Boson Mass with the D0 Detector. Physical Review Letters, 2012, 108, 151804.	7.8	104
11	Higgs boson studies at the Tevatron. Physical Review D, 2013, 88, .	4.7	98
12	Measurement of the anomalous like-sign dimuon charge asymmetry with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 0.8em;">p \bar{p} \rightarrow t \bar{t} + \text{jet events} \rangle$	4.7	91
13	Measurement of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 0.8em;">W \rightarrow W \mu^+ \mu^- \rangle$ Boson Mass with the D0 Detector. Physical Review Letters, 2012, 108, 151804.	4.7	81
14	Measurement of the inclusive jet cross section in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 0.8em;">p \bar{p} \rightarrow t \bar{t} + \text{jet events} \rangle$	4.7	75
15	Combination of measurements of the top-quark pair production cross section from the Tevatron Collider. Physical Review D, 2014, 89, .	4.7	69
16	Search for the rare decay $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 0.8em;">B_s \rightarrow B_s^0 \mu^+ \mu^- \rangle$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 539-544.	4.1	67
17	Combination of CDF and D0 $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 0.8em;">W \rightarrow W \mu^+ \mu^- \rangle$ -Boson mass measurements. Physical Review D, 2013, 88, .	4.7	66
18	Measurement of the inclusive jet cross section in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 0.8em;">p \bar{p} \rightarrow t \bar{t} + \text{jet events} \rangle$	4.7	64

#	ARTICLE	IF	CITATIONS
19	Measurement of the forward-backward asymmetry in top quark-antiquark production in $\sqrt{s} = 1.96$ TeV collisions using the precise study of the transverse momentum distribution in $p\bar{p} \rightarrow t\bar{t} + \text{jet} + X$ collisions. Physical Review Letters, 2012, 108, 032004.	4.7	64
20	Transverse Momentum Distribution in $p\bar{p} \rightarrow t\bar{t} + \text{jet} + X$ Collisions Using a Precise Study of the Forward-Backward Asymmetry. Physical Review Letters, 2012, 108, 032004.	7.8	62
21	Determination of the pole and $\overline{\text{MS}}$ masses of the top quark from the $p\bar{p} \rightarrow t\bar{t} + \text{jet} + X$ cross section. Physical Review Letters, 2012, 108, 032004.	4.1	60
22	top quark from the $p\bar{p} \rightarrow t\bar{t} + \text{jet} + X$ cross section. Physical Review Letters, 2012, 108, 032004.	4.1	59
23	elastic $p\bar{p} \rightarrow t\bar{t} + \text{jet} + X$ production at the Tevatron. Physical Review Letters, 2011, 107, 011804.	4.7	59
24	Observation and studies of double channel production of single top quarks at the Tevatron. Physical Review Letters, 2012, 108, 032004.	4.7	58
25	Improved determination of the width of the top quark. Physical Review D, 2012, 85, .	4.7	56
26	Observation of $s\bar{s}$ -Channel Production of Single Top Quarks at the Tevatron. Physical Review Letters, 2014, 112, 231803.	7.8	56
27	Bounds on an Anomalous Dijet Resonance in $W + \text{jets}$ Production in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 011804.	7.8	55
28	Evidence for Spin Correlation in $t\bar{t}$ Production. Physical Review Letters, 2012, 108, 032004.	7.8	50
29	Measurement of direct photon pair production cross sections in $p\bar{p} \rightarrow \gamma\gamma + \text{jet} + X$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2011, 107, 011804.	4.7	48
30	Measurement of the $p\bar{p} \rightarrow t\bar{t} + \text{jet} + X$ cross section. Physical Review Letters, 2012, 108, 032004.	4.1	48
31	Search for flavor-changing neutral currents via quark-gluon couplings in single top quark production using $2.3 \text{ fb}^{-1}$ of $p\bar{p} \rightarrow t\bar{t} + \text{jet} + X$ collisions. Physical Review Letters, 2011, 107, 011804.	4.1	48
32	Measurement of the $p\bar{p} \rightarrow t\bar{t} + \text{jet} + X$ cross section. Physical Review Letters, 2012, 108, 032004.	4.1	48
33	Measurement of the normalized $p\bar{p} \rightarrow t\bar{t} + \text{jet} + X$ cross section. Physical Review Letters, 2012, 108, 032004.	4.7	48
34	Measurement of the normalized $p\bar{p} \rightarrow t\bar{t} + \text{jet} + X$ cross section. Physical Review Letters, 2012, 108, 032004.	4.1	46
35	Tevatron Combination of Single-Top-Quark Cross Sections and Determination of the Cabibbo-Kobayashi-Maskawa Matrix Element. Physical Review Letters, 2011, 107, 152002.	7.8	45
36	Search for resonances with left- and right-handed couplings to fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 699, 145-150.	4.1	44

#	ARTICLE	IF	CITATIONS
37	Precision Measurement of the Top Quark Mass in $\frac{d\sigma}{d\Omega dE}(\text{top quark production})$ and Extraction of $v_b$ . Physical Review Letters, 2011, 107, 121802.	7.8	43
38	Measurement of the semileptonic charge asymmetry in $B^0$ meson mixing with the D0 detector. Physical Review D, 2012, 86, .	4.1	42
39	Measurement of the semileptonic charge asymmetry in $B^0$ meson mixing with the D0 detector. Physical Review D, 2012, 86, .	7.8	41
40	Measurement of the semileptonic charge asymmetry in $B^0$ meson mixing with the D0 detector. Physical Review D, 2012, 86, .	4.7	41
41	Evidence for Simultaneous Production of $W^+W^-$ and $t\bar{t}$ in $pp \rightarrow W^+W^-t\bar{t} + \text{c.c.}$ . Physical Review Letters, 2016, 116, 082002.	7.8	41
42	Measurement of the semileptonic charge asymmetry in $B^0$ meson mixing with the D0 detector. Physical Review D, 2012, 86, .	7.8	40
43	Study of $W^+W^-$ and $t\bar{t}$ production in $pp \rightarrow W^+W^-t\bar{t} + \text{c.c.}$ . Physical Review Letters, 2016, 116, 082002.	4.1	39
44	Observation of a narrow mass state decaying into $\pi^+\pi^0$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 86, .	4.7	39
45	Measurement of angular correlations of jets at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 86, .	4.7	39
46	Measurement of the semileptonic charge asymmetry using $B_s \rightarrow D_s^* \ell^+ X$ Decays. Physical Review Letters, 2013, 110, 011801.	4.7	38
47	Measurement of the semileptonic charge asymmetry using $B_s \rightarrow D_s^* \ell^+ X$ Decays. Physical Review Letters, 2013, 110, 011801.	4.1	38
48	Measurement of the semileptonic charge asymmetry using $B_s \rightarrow D_s^* \ell^+ X$ Decays. Physical Review Letters, 2013, 110, 011801.	7.8	38
49	Combination of CDF and D0 measurements of the $W$ boson helicity in top quark decays. Physical Review D, 2012, 85, .	7.8	37
50	Combination of CDF and D0 measurements of the $W$ boson helicity in top quark decays. Physical Review D, 2012, 85, .	4.7	36
51	Data from $W$ boson helicity in top quark decays using $5.4$ TeV collision data. Physical Review Letters, 2016, .	7.8	35
52	Measurement of the $W$ boson helicity in top quark decays using $5.4$ TeV collision data. Physical Review D, 2011, 83, .	4.7	35
53	Precise measurement of the top-quark mass from $W$ boson helicity in top quark decays. Physical Review D, 2011, 84, .	4.7	35
54	Measurements of inclusive $W$ boson production rates as a function of jet transverse momentum in $pp$ collisions. Physical Review D, 2011, 84, .	4.1	35

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55	Search for flavor changing neutral currents in decays of top quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 313-320.	4.1	35
56	Evidence for s-channel single top quark production in $\gamma\gamma \rightarrow t\bar{t}$ production using dilepton final states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 16-23.	4.1	35
57	Measurement of spin correlation in $t\bar{t}$ production using dilepton final states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 702, 16-23.	7.8	34
58	Measurement of the asymmetry in angular distributions of leptons produced in dilepton production using a Matrix Element Approach. Physical Review Letters, 2011, 107, 052001.	4.1	34
59	Measurement of the asymmetry in angular distributions of leptons produced in dilepton production using a Matrix Element Approach. Physical Review Letters, 2011, 107, 052001.	4.7	34
60	Dependence of the $t\bar{t}$ production cross section on the Higgs boson mass in the fourth-generation fermion models. Physical Review D, 2010, 82, .	4.7	34
61	Dependence of the $t\bar{t}$ production cross section on the Higgs boson mass in the fourth-generation fermion models. Physical Review D, 2010, 82, .	4.7	34
62	Dependence of the $t\bar{t}$ production cross section on the Higgs boson mass in the fourth-generation fermion models. Physical Review D, 2010, 82, .	4.1	33
63	Dependence of the $t\bar{t}$ production cross section on the Higgs boson mass in the fourth-generation fermion models. Physical Review D, 2010, 82, .	4.7	33
64	Determination of the Width of the Top Quark. Physical Review Letters, 2011, 106, 022001.	7.8	33
65	Production and Limits on Anomalous $t\bar{t}$ Couplings in $t\bar{t}$ Production. Physical Review D, 2012, 85, .	7.8	33
66	Measurement of the relative branching ratio of $t\bar{t}$ production in $t\bar{t}$ production. Physical Review D, 2012, 85, .	4.1	33
67	Measurement of the muon charge asymmetry in $t\bar{t}$ production. Physical Review D, 2012, 85, .	4.1	33
68	Measurement of the muon charge asymmetry in $t\bar{t}$ production. Physical Review D, 2012, 85, .	4.7	33
69	Measurement of the muon charge asymmetry in $t\bar{t}$ production. Physical Review D, 2012, 85, .	4.1	33
70	Measurement of the muon charge asymmetry in $t\bar{t}$ production. Physical Review D, 2012, 85, .	4.7	33
71	Measurement of the muon charge asymmetry in $t\bar{t}$ production. Physical Review D, 2012, 85, .	4.7	33
72	Search for neutral Higgs bosons in the multi-b-jet topology in $t\bar{t}$ production. Physical Review D, 2013, 87, .		32

#	ARTICLE	IF	CITATIONS
73	Search for Violation of Lorentz Invariance in Top Quark Pair Production and Decay. Physical Review Letters, 2012, 108, 261603.	7.8	32
74	Combined Search for the Standard Model Higgs Boson Decaying to $b\bar{b}$ Using the D0 Run II Data Set. Physical Review Letters, 2012, 109, 121802.	7.8	32
75	Measurement of the differential cross section for the production of a photon and a jet in top quark pair production differential cross section in $b\bar{b}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.1	32
76	Measurements of single top quark production cross sections and $ V_{tb} ^2$ in $b\bar{b}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.7	31
77	Search for anomalous quartic $WWZZ$ couplings in dielectron and missing energy final states in $b\bar{b}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 021801.	4.1	31
78	Search for anomalous quartic $WWZZ$ couplings in dielectron and missing energy final states in $b\bar{b}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 021801.	4.7	31
79	Measurement of the differential cross sections for isolated direct photon pair production in $b\bar{b}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.7	30
80	Measurement of the differential cross sections for isolated direct photon pair production in $b\bar{b}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.1	29
81	Measurement of differential $t\bar{t}$ production cross sections in $b\bar{b}$ collisions. Physical Review D, 2014, 90, .	4.7	29
82	Measurement of the $WZ$ production cross sections using leptonic final states in $b\bar{b}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 021801.	4.7	28
83	Search for Doubly Charged Higgs Boson Pair Production in $b\bar{b}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 021801.	7.8	27
84	Search for Doubly Charged Higgs Boson Pair Production in $b\bar{b}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 021801.	7.8	27
85	Tevatron Run II combination of the effective leptonic electroweak mixing angle. Physical Review D, 2018, 97, .	4.7	27
86	Measurement of the dijet invariant mass cross section in $b\bar{b}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 108, 021801.	4.1	26
87	Direct measurement of the mass difference between top and antitop quarks. Physical Review D, 2011, 84, .	4.7	26
88	Study of the $B_s$ muon reconstruction and identification with the Run II D0 detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 737, 281-294.	4.7	26
89	Muon reconstruction and identification with the Run II D0 detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 737, 281-294.	1.6	25
90	Search for Diphoton Events with Large Missing Transverse Energy in $b\bar{b}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 221802.	7.8	24

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91	Jet energy scale determination in the D0 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, Measurement of the $W$ Boson Production Charge Asymmetry in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	1.6	24
92	Measurement of the $W$ boson production charge asymmetry in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	7.8	24
93	Measurement of the $W$ boson production charge asymmetry in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.7	23
94	Measurement of the $W$ boson production charge asymmetry in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 695, 67-73.	4.1	23
95	Precise Measurement of the Top Quark Mass in the Dilepton Channel at D0. Physical Review Letters, 2011, 107, 082004.	7.8	23
96	Combination of searches for anomalous top quark couplings with $W$ bosons in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.1	23
97	Measurements of $W$ and $WZ$ Production in $W$ +jets Final States in $p\bar{p}$ Collisions. Physical Review Letters, 2012, 108, 181803.	7.8	23
98	Evidence for $W$ boson production charge asymmetry in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.7	23
99	Search for anomalous $W$ boson couplings in single top quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.7	22
100	Search for anomalous $W$ boson couplings in single top quark production in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.1	22
101	Search for Charged Massive Long-Lived Particles. Physical Review Letters, 2012, 108, 121802.	7.8	21
102	Measurement of the $W$ boson production charge asymmetry in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.7	21
103	Measurement of the $W$ boson production charge asymmetry in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.1	21
104	Measurement of the $W$ boson production charge asymmetry in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2014, 89, .	4.7	21
105	Measurement of the forward-backward asymmetry in the distribution of leptons in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .	4.7	21
106	Search for Events with Leptonic Jets and Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 211802.	7.8	20
107	Measurement of the production fraction times branching fraction $\sigma \times \text{BR}(W \rightarrow \tau \nu)$ in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2011, 84, .		

#	ARTICLE	IF	CITATIONS
109	Search for double parton interactions in $e^+e^-$ collisions at the Tevatron. Physical Review Letters, 2010, 105, 191802.	4.7	20
110	Search for Sneutrino Production in $e^+e^-$ collisions at the Tevatron. Physical Review Letters, 2010, 105, 191802.	7.8	19
111	Measurement of the top-quark mass in $p\bar{p}$ collisions using events with two leptons. Physical Review D, 2012, 86, .	4.7	19
112	Measurement of the $b$ lifetime in the exclusive decay $b \rightarrow 0\pi^+\pi^0$ in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2012, 85, .	4.7	19
113	Search for pair production of the scalar top quark in the electron+muon final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 696, 321-327.	4.1	18
114	Search for Resonant $W$ and $WZ$ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 011801.	7.8	18
115	Search for Single Vectorlike Quarks in $p\bar{p}$ Collisions at the Tevatron. Physical Review Letters, 2011, 106, 081801.	7.8	18
116	Combined search for the Higgs boson with the D0 experiment. Physical Review D, 2013, 88, .	4.7	18
117	Improved $b$ quark jet identification at the D0 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 290-303.	1.6	18
118	Simultaneous measurement of forward-backward asymmetry and top polarization in dilepton final states from $p\bar{p}$ production at the Tevatron. Physical Review D, 2015, 92, .	4.7	18
119	Search for $ZH$ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2010, 105, 251801.	7.8	17
120	Search for a Fermiophobic and Standard Model Higgs Boson in Diphoton Final States. Physical Review Letters, 2011, 107, 151801.	7.8	17
121	Search for neutral Higgs bosons in events with multiple bottom quarks at the Tevatron. Physical Review D, 2012, 86, .	4.7	17
122	Measurement of Associated Production of $Z$ Bosons with Charm Quark Jets in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2014, 112, 042001.	7.8	17
123	Search for a Resonance Decaying into $WZ$ Boson Pairs in $p\bar{p}$ Collisions. Physical Review Letters, 2010, 104, 061801.	7.8	16
124	Search for first generation leptoquark pair production in the electron + missing energy + jets final state. Physical Review D, 2011, 84, .	4.7	16
125	Search for $W$ associated production in $5.3 \text{ fb}^{-1}$ of $e^+e^-$ collisions at the Tevatron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 277-281.	4.1	16
126	Search for the Standard Model Higgs Boson in $ZH$ Production with the D0 Detector in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2012, 109, 121803.	7.8	16



#	ARTICLE	IF	CITATIONS
127	Search for Higgs bosons of the minimal supersymmetric standard model in $pp \rightarrow \gamma \gamma$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 071801.	4.1	16
128	Precision measurement of the top-quark mass in $pp \rightarrow t\bar{t} + \text{jets}$ final states. Physical Review D, 2015, 91, .	4.7	16
129	Search for the Standard Model Higgs Boson in the $ZH \rightarrow \gamma\gamma$ Channel in $pp \rightarrow \gamma\gamma$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 071801.	7.8	15
130	Measurement of color flow in $t\bar{t}$ events from $pp \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 83, .	4.7	15
131	Measurement of direct CP violation parameters in $B_{d,s}^{\pm} \rightarrow \ell^{\pm} K^{\pm}$ and $B_{d,s}^{\pm} \rightarrow \ell^{\pm} \bar{K}^{\pm}$ decays with $10.4$ fb $^{-1}$ of Tevatron data. Physical Review Letters, 2013, 110, 241801.	7.8	15
132	Measurement of the ratio of inclusive cross sections $\sigma(pp \rightarrow t\bar{t} + \text{quark jet}) / \sigma(pp \rightarrow t\bar{t} + \text{jet})$ at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 83, .	4.7	14
133	Search for the Standard Model Higgs Boson in Associated $WH$ Production in $pp \rightarrow \gamma\gamma$ Collisions with the D0 Detector. Physical Review Letters, 2012, 109, 121804.	7.8	14
134	Search for Higgs bosons decaying to $\gamma\gamma$ in $pp \rightarrow \gamma\gamma$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 071801.	4.1	14
135	Search for the rare decay $B_s \rightarrow \tau^+ \tau^-$ . Physical Review D, 2013, 87, .	4.7	14
136	Measurement of the ratio of differential cross sections $d\sigma(pp \rightarrow t\bar{t} + Z + b\bar{b}) / d\sigma(pp \rightarrow t\bar{t} + Z + \text{jet})$ in $pp \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 87, .	4.7	14
137	Measurement of $t\bar{t}$ production in the $\gamma\gamma + \text{jet}$ topology using $pp \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2010, 82, .	4.7	13
138	Measurement of the $Z \rightarrow \gamma\gamma$ production cross section in $pp \rightarrow \gamma\gamma$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2010, 104, 071801.	4.7	13
139	Search for associated Higgs boson production using like charge dilepton events in $pp \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 84, .	4.1	13
140	Search for associated Higgs boson production using like charge dilepton events in $pp \rightarrow t\bar{t}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2011, 84, .	4.7	13
141	Search for pair production of the scalar top quark in muon+tau final states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 578-586.	4.1	13
142	Measurement of the Effective Weak Mixing Angle in $pp \rightarrow t\bar{t} + \gamma\gamma$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2015, 115, 041801.	7.8	13
143	Combined Forward-Backward Asymmetry Measurements in Top-Antitop Quark Production at the Tevatron. Physical Review Letters, 2018, 120, 042001.	7.8	13
144	Search for New Fermions ( $\tilde{\chi}$ Quarks) at the Fermilab Tevatron Collider. Physical Review Letters, 2010, 105, 211803.	7.8	12

#	ARTICLE	IF	CITATIONS
145	Measurement of the $t\bar{t}$ cross section using high-multiplicity jet events. Physical Review D, 2010, 82, .	4.7	12
146	Search for Neutral Minimal Supersymmetric Standard Model Higgs Bosons Decaying to Tau Pairs Produced in Association with b Quarks in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 7.8 121801.		12
147	Characterization of oxygen transfer in a 24-well microbioreactor system and potential respirometric applications. Journal of Biotechnology, 2014, 186, 58-65.	3.8	12
148	Search for single top quarks in the tau + jets channel using 4.8 fb <sup>-1</sup> of collision data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 5-14.	4.1	11
149	Search for the Associated Production of a b Quark and a Neutral Supersymmetric Higgs Boson that Decays into $\tau^+\tau^-$ Pairs. Physical Review Letters, 2010, 104, 151801.	7.8	11
150	Measurement of the combined rapidity and dependence of dijet azimuthal decorrelations in collision data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 5-14.	4.1	11
151	Search for the Associated Production of a b Quark and a Neutral Supersymmetric Higgs Boson that Decays into $\tau^+\tau^-$ Pairs. Physical Review Letters, 2010, 104, 151801.	4.7	11
152	Study of the decay $B_s \rightarrow \tau^+ \tau^- J/\psi(1S) \gamma$ final states. Physical Review D, 2012, 86, .	4.7	10
153	Measurement of the differential cross section of photon plus jet production in collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 7.8 121801.	4.7	10
154	Search for the standard model Higgs boson in the four lepton final state in collisions. Physical Review D, 2013, 88, .	4.7	10
155	Search for Violation of Single Lorentz Invariance in the Production of Mesons in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 7.8 121801.	7.8	10
156	Measurement of the Forward-Backward Asymmetry in the Production of Mesons in $pp$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2011, 107, 7.8 121801.	7.8	10
157	Precise measurement of the top quark mass in dilepton decays using optimized neutrino weighting. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 18-26.	4.1	10
158	Search for the Standard Model Higgs Boson in the $W\tau^+\tau^-$ Decay Channel. Physical Review Letters, 2011, 106, 171802.		9
159	Search for the standard model Higgs boson in tau lepton final states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 237-245.	4.1	9
160	Search for the standard model Higgs boson in $\tau^+\tau^- + \text{jets}$ final states in $pp$ collisions with the D0 detector. Physical Review D, 2013, 88, .	4.7	9
161	Measurement of the $\tau^+\tau^-$ distribution of muon pairs with masses between 30 and 500 GeV in $pp$ collisions. Physical Review D, 2015, 91, .	4.7	9
162	Search for a Higgs boson in diphoton final states with the D0 detector in $pp$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2013, 88, .	4.7	8

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163	Measurement of spin correlation between top and antitop quarks produced in $pp \rightarrow t\bar{t} + \text{jet} + \text{jet}$ collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2016, 94, .	4.1	8
164	Measurement of the top quark mass using the matrix element technique in dilepton final states. Physical Review D, 2016, 94, .	4.7	8
165	Measurement of the Effective Weak Mixing Angle in $pp \rightarrow Z/\gamma^* \rightarrow \tau^+ \tau^-$ , “ $\tau^+ \tau^-$ ” Events. Physical Review Letters, 2018, 120, 241802.	7.8	8
166	Properties of $Z_c^{\pm}(3900)$ produced in $pp \rightarrow Z_c^{\pm} + \text{jet}$ collisions. Physical Review D, 2019, 100, .	4.7	8
167	High mass exclusive diffractive dijet production in $pp \rightarrow Z/\gamma^* \rightarrow \tau^+ \tau^- + \text{jet} + \text{jet}$ collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2018, 98, .	4.1	7
168	Search for $Z/\gamma^* \rightarrow \tau^+ \tau^-$ events with large missing transverse energy in $pp \rightarrow Z/\gamma^* \rightarrow \tau^+ \tau^- + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 86, .	4.7	7
169	Model independent search for new phenomena in $pp \rightarrow Z/\gamma^* \rightarrow \tau^+ \tau^- + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2012, 85, 7.	4.7	7
170	Search for charged massive long-lived particles at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2013, 87, .	4.7	7
171	Measurement of the differential $pp \rightarrow Z/\gamma^* \rightarrow \tau^+ \tau^- + \text{jet} + \text{jet}$ cross section and the ratio $R_{\tau\tau} = \sigma(pp \rightarrow Z/\gamma^* \rightarrow \tau^+ \tau^- + \text{jet} + \text{jet}) / \sigma(pp \rightarrow Z/\gamma^* \rightarrow \tau^+ \tau^-)$ at $\sqrt{s} = 13$ TeV. Physical Review D, 2018, 98, .	4.1	7

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181	Measurement of the directCP-violating parameter $A_{CP}$ in the decay $D \rightarrow \bar{K}^* \ell^+ \ell^-$ . Physical Review D, 2014, 90, .	4.7	5
182	Constraints on Models for the Higgs Boson with Exotic Spin and Parity in $VH \rightarrow Vbb$ Final States. Physical Review Letters, 2014, 113, 161802.	7.8	5
183	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
184	Search for Higgs boson production in oppositely charged dilepton and missing energy events in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2015, 91, 012004.	4.7	4
185	Search for Higgs boson production in trilepton and like-charge electron-muon final states with the D0 detector. Physical Review D, 2013, 88, .	4.7	4
186	Measurement of the DirectCP-violating Charge Asymmetry in $D_s \rightarrow \ell^+ \ell^-$ Decays. Physical Review Letters, 2014, 112, 111804.	7.8	3
187	Measurement of the forward-backward asymmetry in $b \rightarrow b$ baryon production in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2015, 91, 012004.	4.7	3
188	Measurement of the ratio of inclusive cross sections $\sigma_{f\bar{f}} / \sigma_{\text{had}}$		