

Helio da Motta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6977936/publications.pdf>

Version: 2024-02-01

300
papers

12,272
citations

29994

54
h-index

51492

86
g-index

305
all docs

305
docs citations

305
times ranked

8162
citing authors

#	ARTICLE	IF	CITATIONS
1	The upgraded D \bar{A} detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 565, 463-537.	0.7	549
2	Observation and Properties of the X(3872) Decaying to $J/\psi + \psi(2S)$ in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2004, 93, 162002.	2.9	494
3	A precision measurement of the mass of the top quark. Nature, 2004, 429, 638-642.	13.7	232
4	Measurement of the Forward-Backward Charge Asymmetry in Top-Quark Pair Production. Physical Review Letters, 2008, 100, 142002.	2.9	210
5	Measurement of the Inclusive Jet Cross Section in pp Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2008, 101, 062001.	2.9	191
6	Measurement of $\langle \mathcal{B}(B \rightarrow s\gamma) \rangle$ Parameters from the Flavor-Tagged Decay $B \rightarrow s\gamma$. Physical Review Letters, 2008, 101, 241801.	2.9	173
7	Direct Limits on the B_s Oscillation Frequency. Physical Review Letters, 2006, 97, 021802.	2.9	172
8	Measurement of Muon Neutrino Quasielastic Scattering on a Hydrocarbon Target at $\sqrt{s} = 3.5$ GeV. Physical Review Letters, 2013, 111, 022502.	2.9	170
9	Measurement of Muon Antineutrino Quasielastic Scattering on a Hydrocarbon Target at $\sqrt{s} = 3.5$ GeV. Physical Review Letters, 2013, 111, 022501.	2.9	142
10	Design, calibration, and performance of the MINERvA detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 743, 130-159.	0.7	139
11	Measurement of the Top Quark Mass Using Dilepton Events. Physical Review Letters, 1998, 80, 2063-2068.	2.9	110
12	The production cross section and angular correlations in collisions at $\sqrt{s} = 2.76$ TeV. Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 264-272.	1.5	110
13	Measurement of the Shape of the Boson-Transverse Momentum Distribution in $pp \rightarrow Z + \text{jet}$. Physical Review Letters, 2008, 100, 102002.	2.9	110
14	Direct measurement of the top quark mass by the D \bar{A} Collaboration. Physical Review D, 1998, 58, .	1.6	107
15	Search for squarks and gluinos in events with jets and missing transverse energy using 2.1 fb^{-1} of collision data at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2007, 98, 181802.	1.5	103
16	Measurement of the shape of the boson rapidity distribution for $pp \rightarrow Z + \text{jet}$. Physical Review D, 2007, 76, .	1.6	101
17	Evidence for Production of Single Top Quarks and First Direct Measurement of $ V_{tb} $. Physical Review Letters, 2007, 98, 181802.	2.9	100
18	Direct Measurement of the Top Quark Mass. Physical Review Letters, 1997, 79, 1197-1202.	2.9	96

#	ARTICLE	IF	CITATIONS
19	Direct Observation of the Strange Baryon Λ_c^+ . Physical Review Letters, 2007, 99, 052001.	2.9	93
20	production in collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 370, 239-248.	1.5	87
21	Search for Light Top Squarks in $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1996, 76, 2222-2227.	2.9	85
22	Observation of the Exclusive Decay $B_c \rightarrow B_c \gamma$ in the Meson. Physical Review Letters, 2008, 101, 012001.	2.9	83
23	Search for Charged Higgs Bosons in Decays of Top Quark Pairs. Physical Review Letters, 1999, 82, 4975-4980.	2.9	82
24	Measurement of the isolated photon cross section in $\sqrt{s}=1.96\text{TeV}$ collisions at. Physical Review Letters, 1999, 82, 4975-4980.	1.5	81
25	Measurement of the top quark mass in the dilepton channel. Physical Review D, 1999, 60, .	1.6	80
26	Evidence for production of single top quarks. Physical Review D, 2008, 78, .	1.6	79
27	Inclusive Jet Production in $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2001, 86, 1707-1712.	2.9	77
28	Measurement of Dijet Azimuthal Decorrelations at Central Rapidities in $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2005, 94, 221801.	2.9	76
29	Isolated Photon Cross Section in $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 2786-2791.	2.9	75
30	Observation of the Doubly Strange Baryon Λ_c^+ . Physical Review Letters, 2008, 101, 232002.	2.9	74
31	Forward Cross Sections for Production of D^+ , D^0 , D_s , D_s^* , and Λ_c^+ in 250 GeV \bar{p} -nucleon Interactions with Nuclei. Physical Review Letters, 1996, 77, 2388-2391.	2.9	72
32	Measurement of the Top Quark Pair Production Cross Section in $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1997, 79, 1203-1208.	2.9	70
33	Search for Large Extra Dimensions in Dielectron and Diphoton Production. Physical Review Letters, 2001, 86, 1156-1161.	2.9	70
34	Cross Section for \bar{p} -Jet Production in $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 85, 5068-5073.	2.9	68
35	Charged pion production in $\sqrt{s}=1.96\text{TeV}$ collisions at. Physical Review Letters, 1999, 82, 4975-4980.	1.6	68
36	Enhanced leading production of D^+ and D_s^+ in 250 GeV \bar{p} -nucleon interactions. Physical Review Letters, 1994, 72, 812-815.	2.9	67

#	ARTICLE	IF	CITATIONS
37	Search for Right-Handed W Bosons and Heavy $W\tilde{\nu}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1996, 76, 3271-3276.	2.9	67
38	Extraction of the width of the W boson from measurements of $\Gamma(\tilde{\nu}\tilde{\nu}^* \rightarrow W+X) - \Gamma(W \rightarrow e\tilde{\nu}/2)$ and $\Gamma(\tilde{\nu}\tilde{\nu}^* \rightarrow Z+X) - \Gamma(Z \rightarrow ee)$ and their ratio. Physical Review D, 2000, 61, .	1.6	67
39	High- p_T jets in $p\tilde{p}$ collisions at $\sqrt{s}=630$ and 1800 GeV . Physical Review D, 2001, 64, .	1.6	67
40	Measurement of Coherent Production of $\tilde{\nu}\tilde{\nu}^*$ in Neutrino and Antineutrino Beams on Carbon from $E_{\nu}^{1/2}$ of 1.5 to 20 GeV . Physical Review Letters, 2014, 113, 261802.	2.9	67
41	Search for Doubly Charged Higgs Boson Pair Production in the Decay $t \rightarrow \tilde{t} + \tilde{t} + \tilde{t} + \tilde{t}^*$ in $p\tilde{p}$ Collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2004, 93, 141801.	2.9	64
42	Measurement of the Electron Charge Asymmetry in $p\tilde{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2008, 100, 082002.	2.9	64
43	Observation and Properties of the Orbitally Excited B_c . Physical Review Letters, 2008, 100, 082002.	2.9	63
44	Inclusive Jet Cross Section in $p\tilde{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1999, 82, 2451-2456.	2.9	62
45	Dijet Mass Spectrum and a Search for Quark Compositeness in $p\tilde{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1999, 82, 2457-2462.	2.9	61
46	Search for single top quark production at $D\tilde{A}^-$ using neural networks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 282-294.	1.5	59
47	Search for associated production of charginos and neutralinos in the dilepton final state using 2.3 fb^{-1} of data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 34-43.	1.6	59
48	Search for associated production of charginos and neutralinos in the dilepton final state using 2.3 fb^{-1} of data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 34-43.	1.5	58
49	Measurement of the High-Mass Drell-Yan Cross Section and Limits on Quark-Electron Compositeness Scales. Physical Review Letters, 1999, 82, 4769-4774.	2.9	57
50	Properties of B_c . Physical Review Letters, 2008, 100, 082002.	2.9	57
51	Probing hard color-singlet exchange in collisions at $\sqrt{s}=630\text{ GeV}$ and 1800 GeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 440, 189-202.	1.5	56
52	Search for the Flavor-Changing Neutral Current Decay $B_s \rightarrow \tilde{t}\tilde{t}^* + \tilde{t}\tilde{t}^*$ in $p\tilde{p}$ Collisions at $\sqrt{s}=1.96\text{TeV}$ with the D0 Detector. Physical Review Letters, 2005, 94, 071802.	2.9	56
53	Measurement of the muon charge asymmetry from W boson decays. Physical Review D, 2008, 77, .	1.6	56
54	Search for Squarks and Gluinos in Events Containing Jets and a Large Imbalance in Transverse Energy. Physical Review Letters, 1999, 83, 4937-4942.	2.9	55

#	ARTICLE	IF	CITATIONS
55	Measurement of the W boson mass. Physical Review D, 1998, 58, .	1.6	54
56	Search for Large Extra Dimensions in the W Boson $\rightarrow e^+e^-$ Channel with the $D\bar{A}$ Detector. Physical Review Letters, 2003, 90, 251802.	2.9	54
57	Measurement of differential cross sections for W bosons in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 85, 111801.	1.5	54
58	Measurement of differential cross sections for W bosons in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 85, 111801.	1.5	54
59	Determination of the absolute jet energy scale in the $D\bar{A}$ calorimeters. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 424, 352-394.	0.7	53
60	Measurement of the inclusive differential cross section for Z bosons as a function of transverse momentum in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2000, 61, .	1.6	53
61	Lifetime Difference and CP-Violating Phase in the B_s System. Physical Review Letters, 2007, 98, 121801.	2.9	53
62	Search for scalar top quarks in the acoplanar charm jets and missing transverse energy final state in pp collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2000, 85, 111801.	1.5	53
63	Measurement of the Lifetime of the B_c Meson in pp Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2009, 102, 092001.	1.96	53
64	Results of the engineering run of the Coherent Neutrino Nucleus Interaction Experiment (CONNIE). Journal of Instrumentation, 2016, 11, P07024-P07024.	0.5	53
65	Feynman-x and Transverse Momentum Dependence of D Meson Production in 250 GeV e^+e^- Collisions and Interactions with Nuclei. Physical Review Letters, 1996, 77, 2392-2395.	2.9	52
66	Search for Long-Lived Charged Massive Particles with the $D0$ Detector. Physical Review Letters, 2009, 102, 161802.	2.9	52
67	The CONNIE experiment. Journal of Physics: Conference Series, 2016, 761, 012057.	0.3	52
68	Measurement of Final-State Correlations in Neutrino Muon-Proton Mesonless Production on Hydrocarbon at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2018, 121, 022504.	2.9	52
69	Search for new particles in the two-jet decay channel with the $D\bar{A}$ detector. Physical Review D, 2004, 69, .	1.6	51
70	Search for W Boson Resonances Decaying to a Top Quark and a Bottom Quark. Physical Review Letters, 2008, 100, 211803.	2.9	51
71	Measurement of the W Boson Mass. Physical Review Letters, 1996, 77, 3309-3314.	2.9	50
72	Combination of CDF and $D0$ results on the W boson mass and width. Physical Review D, 2004, 70, .	1.6	50

#	ARTICLE	IF	CITATIONS
73	Measurement of the production cross section in $p\bar{p} \rightarrow t\bar{t}$	1.6	50
74	Cross sections for π^0 and π^{\pm} induced pion production on hydrocarbon in the few-GeV region using MINERvA. Physical Review D, 2016, 94, .	1.6	50
75	Measurement of Inclusive Differential Cross Sections for $\Upsilon(1S)$ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 94, 232001.	2.9	49
76	Measurement of neutrino flux from neutrino-electron elastic scattering. Physical Review D, 2016, 93, .	1.6	49
77	Limits on Anomalous $WW\tilde{\chi}^0$ Couplings from $p\bar{p} \rightarrow \tilde{\chi}^0 + X$ Events at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1997, 78, 3634-3639.	2.9	48
78	Ratio of Isolated Photon Cross Sections in $p\bar{p}$ Collisions at $\sqrt{s}=630$ and 1800 GeV. Physical Review Letters, 2001, 87, 251805.	2.9	48
79	Measurement of Ratios of Charged-Current Cross Sections on C, Fe, and Pb to CH at Neutrino Energies $2 \leq E \leq 20$ GeV. Physical Review Letters, 2008, 91, 011801.	2.9	48
80	Measurement of muon plus proton final states in $p\bar{p}$ collisions on hydrocarbon at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 91, 011801.	1.6	48
81	Search for Scalar Leptoquark Pairs Decaying to Electrons and Jets in $p\bar{p}$ Collisions. Physical Review Letters, 1997, 79, 4321-4326.	2.9	47
82	Measurement of the top quark mass in the lepton+jets final state with the matrix element method. Physical Review D, 2006, 74, .	1.6	47
83	Experimental Discrimination between Charge $2e/3$ Top Quark and Charge $4e/3$ Exotic Quark Production Scenarios. Physical Review Letters, 2007, 98, 041801.	2.9	47
84	First Study of the Radiation-Amplitude Zero in $p\bar{p} \rightarrow W^+W^- + X$ Production and Limits on Anomalous $WW\tilde{\chi}^0$ Couplings at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 80, 2051-2056.	2.9	47
85	Search for Large Extra Dimensions via Single Photon plus Missing Energy Final States in $p\bar{p}$ Collisions. Physical Review Letters, 2008, 101, 011601.	2.9	47
86	Search for Heavy Pointlike Dirac Monopoles. Physical Review Letters, 1998, 81, 524-529.	2.9	46
87	Search for First Generation Scalar Leptoquark Pairs in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 80, 2051-2056.	2.9	46
88	Measurement of quasielastic-like neutrino scattering at $\sqrt{s}=1.96$ TeV on a hydrocarbon target. Physical Review D, 2019, 99, .	1.6	46
89	Search for First Generation Scalar Leptoquark Pairs in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1998, 80, 2051-2056.	2.9	45
90	Small Angle $\tilde{\chi}^0$ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1999, 82, 35-40.	2.9	44

#	ARTICLE	IF	CITATIONS
91	Measurement of the $\tilde{t}\tilde{t}^*$ production cross section in pp collisions at $\sqrt{s}=1.96$ TeV using secondary vertex tagging. Physical Review D, 2006, 74, .	1.6	44
92	Search for Pair Production of Doubly Charged Higgs Bosons in the $H^{++}H^{--}\tilde{l}^+\tilde{l}^+/\tilde{l}^-\tilde{l}^-$ Final State. Physical Review Letters, 2008, 101, 071803.	2.9	44
93	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle W \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\alpha}^2 \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ Bosons Decaying to an Electron and a Neutrino with the D0 Detector. Physical Review Letters, 2008, 100, 031804.	2.9	44
94	Search for new physics in $\tilde{l}^+\tilde{l}^-$ data at $D\tilde{A}$ using SLEUTH: A quasi-model-independent search strategy for new physics. Physical Review D, 2000, 62, .	1.6	43
95	Constraint of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \text{MINER} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{l}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ A medium energy neutrino flux using neutrino-electron elastic scattering. Physical Review D, 2019, 100, .	1.6	43
96	Measurement of the CP-violation parameter of B_0 mixing and decay with pp $\tilde{t}\tilde{t}^*$ $\tilde{l}^+\tilde{l}^-$ data. Physical Review D, 2006, 74, .	1.6	42
97	Single neutral pion production by charged-current $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{l}^2 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo stretchy="false"} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{l}^2 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$	1.5	42
98	Isolated Photon Cross Section in the Central and Forward Rapidity Regions in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1996, 77, 5011-5015.	2.9	40
99	Differential Production Cross Section of Z Bosons as a Function of Transverse Momentum at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 84, 2792-2797.	2.9	40
100	Direct Search for Charged Higgs Bosons in Decays of Top Quarks. Physical Review Letters, 2002, 88, 151803.	2.9	40
101	Improved W boson mass measurement with the $D\tilde{A}$ detector. Physical Review D, 2002, 66, .	1.6	40
102	Measurement of f^3+b+c and \tilde{l}^3+c Production Cross Sections in pp Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 192002.	2.9	40
103	Measurement of Dijet Angular Distributions and Search for Quark Compositeness. Physical Review Letters, 1998, 80, 666-671.	2.9	39
104	Small-Angle Muon and Bottom-Quark Production in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 84, 5478-5483.	2.9	39
105	Quasi-Model-Independent Search for New High p_T Physics at D0. Physical Review Letters, 2001, 86, 3712-3717.	2.9	39
106	Search for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle t \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ resonances in the lepton plus jets final state in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mover accent="true"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2001, 87, 121801.	1.5	39
107	Measurement of the muon antineutrino double-differential cross section for quasielastic-like scattering on hydrocarbon at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle E \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{l}^2 \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mo} \rangle \hat{\alpha}^2 \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \hat{l}^2 \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ Physical Review D, 2018, 97, .	1.6	39
108	Azimuthal Decorrelation of Jets Widely Separated in Rapidity. Physical Review Letters, 1996, 77, 595-600.	2.9	38

#	ARTICLE	IF	CITATIONS
109	Spin Correlation in $t\bar{t}$ Production from pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 85, 256-261.	2.9	38
110	Search for electroweak production of single top quarks in pp collisions. Physical Review D, 2000, 63, .	1.6	37
111	Search for single top quark production in pp collisions. Physical Review Letters, 2000, 85, 256-261.	1.5	37
112	Search for squarks and gluinos in events with jets and missing transverse energy in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 85, 256-261.	1.5	37
113	Search for Stopped Gluinos from pp Collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2007, 99, 131801.	2.9	37
114	DEMONSTRATION OF COMMUNICATION USING NEUTRINOS. Modern Physics Letters A, 2012, 27, 1250077.	0.5	37
115	Study of the $Z\tilde{\chi}^0_1\tilde{\chi}^0_1$ and $Z\tilde{\chi}^0_1\tilde{\chi}^0_2$ Couplings in $Z(\tilde{l}_1\tilde{l}_2)\tilde{\chi}^0_1$ Production. Physical Review Letters, 1997, 78, 3640-3645.	2.9	36
116	Experimental Search for Chargino and Neutralino Production in Supersymmetry Models with a Light Gravitino. Physical Review Letters, 1998, 80, 442-447.	2.9	36
117	Search for $\tilde{\chi}^0_1\tilde{\chi}^0_1$ Production Cross Section in pp Collisions. Physical Review Letters, 2009, 102, 191302.	2.9	35
118	Search for Charged Higgs Bosons Decaying into Top and Bottom Quarks in pp Collisions. Physical Review Letters, 2009, 102, 191302.	2.9	35
119	Search for $\tilde{\chi}^0_1\tilde{\chi}^0_1$ Production Cross Section in pp Collisions. Physical Review Letters, 2016, 116, 081802.	2.9	35
120	Feynman-x and transverse-momentum dependence of D_s^{\pm} and D_s^0 production in 250 GeV \bar{p} -nucleon interactions. Physical Review Letters, 1992, 69, 3147-3150.	2.9	34
121	The inclusive jet cross section in pp collisions at $\sqrt{s}=1.8\text{TeV}$ using the k_T algorithm. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 525, 211-218.	1.5	34
122	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2003, 91, 131801.	1.5	34
123	Measurement of the $t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2003, 91, 131801.	1.5	34
124	Measurement of the Top Quark Pair Production Cross Section in the All-Jets Decay Channel. Physical Review Letters, 1999, 83, 1908-1913.	2.9	33
125	$t\bar{t}$ production cross section in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 2003, 67, .	1.6	33
126	Model-Independent Measurement of the W-Boson Helicity in Top-Quark Decays at D_0 . Physical Review Letters, 2008, 100, 062004.	2.9	33

#	ARTICLE	IF	CITATIONS
127	MINERvA neutrino detector response measured with test beam data. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 789, 28-42.	0.7	33
128	Measurement of partonic nuclear effects in deep-inelastic neutrino scattering using MINERvA. Physical Review D, 2016, 93, .	1.6	33
129	Measurement of the Shape of the Transverse Momentum Distribution of WBosons Produced in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1998, 80, 5498-5503.	2.9	32
130	A Measurement of the WBoson Mass at the Fermilab pp Collider. Physical Review Letters, 1998, 80, 3008-3013.	2.9	32
131	Measurement of the WBoson Mass Using Electrons at Large Rapidities. Physical Review Letters, 2000, 84, 222-227.	2.9	32
132	Measurement of the Wboson mass using large rapidity electrons. Physical Review D, 2000, 62, .	1.6	32
133	Probing Balitsky-Fadin-Kuraev-Lipatov Dynamics in the Dijet Cross Section at Large Rapidity Intervals in pp Collisions at $\sqrt{s}=1800$ and 630 GeV. Physical Review Letters, 2000, 84, 5722-5727.	2.9	32
134	Search for Randall-Sundrum Gravitons in Dilepton and Diphoton Final States. Physical Review Letters, 2005, 95, 091801.	2.9	32
135	Search for Higgs Bosons Decaying to Tau Pairs in pp Collisions with the D0 Detector. Physical Review Letters, 2008, 101, 071804.	2.9	32
136	Search for Resonant Diphoton Production with the D0 Detector. Physical Review Letters, 2009, 102, 231801.	2.9	32
137	Search for Diphoton Events with Large Missing Transverse Energy in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1997, 78, 2070-2074.	2.9	31
138	Z^0 production in pp collisions at $\sqrt{s}=1.8\text{TeV}$ and limits on anomalous ZZ^0 and $Z^0\gamma^0$ couplings. Physical Review D, 1998, 57, R3817-R3821.	1.6	31
139	Measurement of the ratios of the jet production cross sections to the total inclusive Z^0 production in pp collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 2088-2093.	1.5	31
140	Search for Second-Generation Leptoquark Pairs in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 2088-2093.	2.9	30
141	Search for Neutral Higgs Bosons Decaying to Tau Pairs in pp Collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2006, 97, 121802.	2.9	30
142	Measurement of the top quark mass in the lepton+jets channel using the ideogram method. Physical Review D, 2007, 75, .	1.6	30
143	Simultaneous Measurement of the Ratio R and B in pp Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 2000, 84, 2088-2093.	2.9	30
144	Search for "Large" Extra Spatial Dimensions in the Dielectron and Diphoton Channels in pp Collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2009, 102, 051601.	2.9	30

#	ARTICLE	IF	CITATIONS
145	Measurement of the $\langle \sigma \rangle$ production cross section and top quark mass extraction using dilepton events in $\sqrt{s} = 1.96$ TeV collisions. Physical Review Letters, 2001, 87, 061802.	1.5	30
146	Studies of gauge boson pair production and trilinear couplings. Physical Review D, 1997, 56, 6742-6778.	1.6	29
147	Search for Heavy Particles Decaying into Electron-Positron Pairs in $\sqrt{s} = 1.96$ TeV Collisions. Physical Review Letters, 2001, 87, 061802.	2.9	29
148	Search for Large Extra Spatial Dimensions in Dimuon Production with the D0 Detector. Physical Review Letters, 2005, 95, 161602.	2.9	29
149	Search for Neutral, Long-Lived Particles Decaying into Two Muons in $\sqrt{s} = 1.96$ TeV Collisions. Physical Review Letters, 2006, 97, 161802.	2.9	29
150	Search for supersymmetry in di-photon final states at $\sqrt{s} = 1.96$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 856-863.	1.5	29
151	Measurement of $\sigma(\gamma\gamma \rightarrow e^+e^-)$ production on hydrocarbon in the few-GeV region using MINERvA. Physical Review D, 2017, 96, .	1.6	29
152	Limits on WWZ and $WW\gamma$ Couplings from $pp \rightarrow e^+e^- \gamma$ Events at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1997, 79, 1441-1446.	2.9	28
153	Search for Nonstandard Higgs Bosons Using High Mass Photon Pairs in $pp \rightarrow \gamma\gamma + 2$ Jets at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1999, 82, 2244-2249.	2.9	28
154	Differential cross section for w boson production as a function of transverse momentum in collisions at TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 513, 292-300.	1.5	28
155	Search for Pair Production of Scalar Bottom Quarks in $pp \rightarrow b\bar{b}$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2006, 97, 171806.	2.9	28
156	Measurement of B_d mixing using opposite-side flavor tagging. Physical Review D, 2006, 74, .	1.6	28
157	Combined D0 measurements constraining the CP-violating phase and width difference in the B_s^0 system. Physical Review D, 2007, 76, .	1.6	28
158	Search for $Z \rightarrow \tau^+\tau^-$ Production in $pp \rightarrow Z \tau^+\tau^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2001, 87, 061802.	2.9	28
159	Measurement of the ratio of the $\sigma(\gamma\gamma \rightarrow e^+e^-)$ production in the $\sqrt{s} = 1.96$ TeV collisions. Physical Review Letters, 2001, 87, 061802.	1.5	27
160	Measurement of the ratio of the $\sigma(\gamma\gamma \rightarrow e^+e^-)$ production in the $\sqrt{s} = 1.96$ TeV collisions. Physical Review Letters, 2001, 87, 061802.	1.5	27
161	Search for $Z \rightarrow \tau^+\tau^-$ Production in $pp \rightarrow Z \tau^+\tau^-$ Collisions at $\sqrt{s} = 1.96$ TeV. Physical Review Letters, 2001, 87, 061802.	1.5	27
162	Measurement of the Semileptonic Branching Ratio of B_s^0 to an Orbital Excited D_s^{**} State: $\text{Br}(B_s^0 \rightarrow D_s^{**} \ell^+ \ell^-) = (2536 \pm 14) \times 10^{-4}$. Physical Review Letters, 2009, 102, 051801.	2.9	27

#	ARTICLE	IF	CITATIONS
163	Nucleon binding energy and transverse momentum imbalance in neutrino-nucleus reactions. Physical Review D, 2020, 101, .	1.6	27
164	Search for additional neutral gauge bosons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 471-478.	1.5	26
165	Studies of WW and WZ production and limits on anomalous $WW\hat{3}$ and WWZ couplings. Physical Review D, 1999, 60, .	1.6	26
166	Measurement of $\theta_{t\hat{A}^-}$ production cross section in $pp\hat{A}^-$ collisions using dilepton events. Physical Review D, 2007, 76, .	1.6	26
167	Measurements of the inclusive neutrino and antineutrino charged current cross sections in MINERvA using the low- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \hat{1}/2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ flux method. Physical Review D, 2016, 94, .	1.6	26
168	Search for a Fourth Generation Charge $\hat{1}/3$ Quark via Flavor Changing Neutral Current Decay. Physical Review Letters, 1997, 78, 3818-3823.	2.9	25
169	Search for Supersymmetry via Associated Production of Charginos and Neutralinos in Final States with Three Leptons. Physical Review Letters, 2005, 95, 151805.	2.9	25
170	Search for $B_s \rightarrow \hat{1}/4 + \hat{1}/4 \hat{a}^-$ decays at D0. Physical Review D, 2007, 76, .	1.6	25
171	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle \hat{1}f \langle \text{mml:mi} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mover} \rangle Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td (accent="true$		

#	ARTICLE	IF	CITATIONS
181	Search for Trilepton Signatures from Associated Gaugino Pair Production. Physical Review Letters, 1998, 80, 1591-1596.	2.9	23
182	Search for bottom squarks in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 1999, 60, .	1.6	23
183	Measurement of the $W\hat{A}^{\pm}\hat{A}^{\pm 1/2}$ Production Cross Section in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2000, 84, 5710-5715.	2.9	23
184	Search for right-handed W bosons in top quark decay. Physical Review D, 2005, 72, .	1.6	23
185	Z\hat{A}^0 production and limits on anomalous ZZ\hat{A}^0 and Z$\hat{A}^0$$\hat{A}^0$ couplings in $\sqrt{s}=1.8$ TeV collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2004, 92, 221801.	1.5	23
186	Search for the lightest scalar top quark in events with two leptons in $\sqrt{s}=1.8$ TeV collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2004, 92, 221801.	1.5	23
187	Antineutrino Charged-Current Reactions on Hydrocarbon with Low Momentum Transfer. Physical Review Letters, 2018, 120, 221805.	2.9	23
188	Tuning the genie pion production model with MINERvA data. Physical Review D, 2019, 100, .	1.6	23
189	Subject multiplicity of gluon and quark jets reconstructed with the \tilde{S} algorithm in pp collisions. Physical Review D, 2002, 65, .	1.6	22
190	Search for Narrow $t\hat{A}^+$ Resonances in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2004, 92, 221801.	2.9	22
191	Measurement of the $pp\hat{A}^{\pm}\hat{A}^{\pm}W^{\pm}+X$ cross section at $\sqrt{s}=1.96$ TeV and $WW\hat{A}^0$ anomalous coupling limits. Physical Review D, 2005, 71, .	1.6	22
192	Search for the pair production of scalar top quarks in the acoplanar charm jet final state in collisions at $\sqrt{s}=1.8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 119-127.	1.5	22
193	Search for Third Generation Scalar Leptoquarks Decaying into $l\hat{A}^0$. Physical Review Letters, 2008, 101, 241802.	2.9	22
194	Search for pair production of second generation scalar leptoquarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 224-232.	1.5	22
195	Limits on anomalous $WW\hat{A}^0$ and WWZ couplings from $WW/WZ\hat{A}^{\pm}e^{\pm 1/2}j$ production. Physical Review D, 2000, 62, .	1.6	21
196	Search for first-generation scalar leptoquarks in pp collisions at $\sqrt{s}=1.96$ TeV. Physical Review D, 2005, 71, .	1.6	21
197	Search for Third-Generation Scalar Leptoquarks in $\sqrt{s}=1.96$ TeV collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 241802.	2.9	21
198	Search for Randall-Sundrum Gravitons with $pp\hat{A}^0$ production. Physical Review Letters, 2008, 101, 241802.	2.9	21

#	ARTICLE	IF	CITATIONS
199	Measurement of total and differential cross sections of neutrino and antineutrino coherent production on carbon. Physical Review D, 2018, 97, .	1.6	21
200	Search for $W\tilde{\chi}_1^0$ Production via Trilepton Final States in $pp\tilde{\chi}_1^0$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1996, 76, 2228-2233.	2.9	20
201	Hard single diffraction in $p\bar{p}$ collisions at $\sqrt{s}=630$ and 1800GeV . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 52-60.	1.5	20
202	Measurement of the top quark mass in all-jet events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 606, 25-33.	1.5	20
203	Measurement of the Ratio of Inclusive Cross Sections $\sigma(pp\tilde{\chi}_1^0\tilde{\chi}_1^0+Z+b\bar{c})/\sigma(pp\tilde{\chi}_1^0\tilde{\chi}_1^0+jet)$ at $\sqrt{s}=1.96\text{TeV}$. Physical Letters, 2005, 94, 161801.	2.9	20
204	Search for Long-Lived Particles Decaying into Electron or Photon Pairs with the D0 Detector. Physical Review Letters, 2008, 101, 111802.	2.9	20
205	Search for Anomalous Top-Quark Couplings with the D0 Detector. Physical Review Letters, 2009, 102, 092002.	2.9	20
206	Search for a scalar or vector particle decaying into $Z\tilde{\chi}_1^0$ in pp collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2009, 102, 092002.	1.5	20
207	Reducing model bias in a deep learning classifier using domain adversarial neural networks in the MINERvA experiment. Journal of Instrumentation, 2018, 13, P11020-P11020.	0.5	20
208	Measurement of W and Z boson production cross sections in $pp\tilde{\chi}_1^0$ collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review D, 1999, 60, .	1.6	19
209	Measurement of the W and Z boson production cross section in $pp\tilde{\chi}_1^0$ collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2009, 102, 092002.	1.5	19
210	Measurement of Semileptonic Branching Fractions of B Mesons to Narrow D^{**} States. Physical Review Letters, 2005, 95, 171803.	2.9	19
211	Search for R -parity violating supersymmetry via the $pp\tilde{\chi}_1^0\tilde{\chi}_1^0$ production cross section in $pp\tilde{\chi}_1^0$ collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2009, 102, 092002.	1.5	19
212	Search for the Higgs Boson in $H\tilde{\chi}_1^0\tilde{\chi}_1^0$ Decays in $pp\tilde{\chi}_1^0$ Collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review Letters, 2006, 96, 011801.	2.9	19
213	Measurement of the $pp\tilde{\chi}_1^0\tilde{\chi}_1^0+WZ$ cross section at $\sqrt{s}=1.96\text{TeV}$ and limits on WWZ trilinear gauge couplings. Physical Review D, 2007, 76, .	1.6	19
214	Measurement of the top quark mass in the dilepton channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 655, 7-14.	1.5	19
215	Search for scalar leptoquarks and T-odd quarks in the acoplanar jet topology using of collision data at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 668, 357-363.	1.5	19
216	Search for excited electrons in $pp\tilde{\chi}_1^0$ collisions at $\sqrt{s}=1.96\text{TeV}$. Physical Review D, 2008, 77, .	1.6	19

#	ARTICLE	IF	CITATIONS
217	Study of Direct CP Violation in $B^{\pm} \rightarrow J/\psi K^{\pm} (\bar{c}c)$ Decays. Physical Review Letters, 2008, 100, 211802.	2.9	19
218	Search for Flavor-Changing-Neutral-Current D Meson Decays. Physical Review Letters, 2008, 100, 101801.	2.9	19
219	Search for Associated W and Higgs Boson Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2009, 102, 051803.	2.9	19
220	Color coherent radiation in multijet events from collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 419-427.	1.5	18
221	Search for Squarks and Gluinos in Single-Photon Events with Jets and Large Missing Transverse Energy in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 1999, 82, 29-34.	2.9	18
222	Direct measurement of the W boson decay width. Physical Review D, 2002, 66, .	1.6	18
223	Measurement of the b Lifetime in the Decay $b \rightarrow c \ell \bar{\nu}_\ell$ with the D0 Detector. Physical Review Letters, 2005, 94, 102001.	2.9	18
224	Search for pair production of second generation scalar leptoquarks in $p\bar{p}$ collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2007, 95, 051802.	1.5	18
225	Multivariate searches for single top quark production with the D0 detector. Physical Review D, 2007, 75, .	1.6	18
226	Search for the Scalar Top Quark in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2002, 88, 171802.	2.9	17
227	Search for Supersymmetry with Gauge-Mediated Breaking in Diphoton Events at D0. Physical Review Letters, 2005, 94, 041801.	2.9	17
228	Measurement of the W boson helicity in top quark decays at D0. Physical Review D, 2007, 75, .	1.6	17
229	Observation of ZZ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 171803.	2.9	17
230	Evidence for Neutral-Current Diffractive π^0 Production from Hydrogen in Neutrino Interactions on Hydrocarbon. Physical Review Letters, 2016, 117, 111801.	2.9	17
231	Observation of diffractively produced W and Z bosons in $p\bar{p}$ collisions at $\sqrt{s}=1800$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 574, 169-179.	1.5	16
232	Study of Z^0 Events and Limits on Anomalous ZZ^0 and $Z^0 Z^0$ Couplings in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2005, 95, 051802.	2.9	16
233	Measurement of the B _s Lifetime in the Exclusive Decay Channel $B_s \rightarrow J/\psi \pi$. Physical Review Letters, 2005, 94, 042001.	2.9	16
234	Measurement of the Ratio of B ⁺ and B ⁰ Meson Lifetimes. Physical Review Letters, 2005, 94, 182001.	2.9	16

#	ARTICLE	IF	CITATIONS
235	Search for the lightest scalar top quark in events with two leptons in $\sqrt{s}=1.96$ TeV collisions at the LHC. <i>Physical Review Letters</i> , 2008, 101, 051801.	1.5	16
236	A combined search for the standard model Higgs boson at $\sqrt{s}=1.96$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 663, 26-36.	1.5	16
237	Search for Decay of a Fermiophobic Higgs Boson $h \rightarrow \tau^+\tau^-$ with the D0 Detector at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008, 101, 051801.	2.9	16
238	The MINERvA data acquisition system and infrastructure. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 694, 179-192.	0.7	16
239	Limits on $WW\tilde{\chi}^0_1$ and WWZ couplings from W boson pair production. <i>Physical Review D</i> , 1998, 58, .	1.6	15
240	Search for Second Generation Leptoquark Pairs Decaying to $t\bar{t} + jets$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.8$ TeV. <i>Physical Review Letters</i> , 1999, 83, 2896-2901.	2.9	15
241	Search for Resonant Second Generation Slepton Production at the Fermilab Tevatron. <i>Physical Review Letters</i> , 2006, 97, 111801.	2.9	15
242	Search for Scalar Neutrino Superpartners in e^+e^- Final States in $\sqrt{s}=1.96$ TeV Collisions. <i>Physical Review Letters</i> , 2008, 101, 221802.	2.9	15
243	Search for Neutral Higgs Bosons in Multi-b-Jet Events in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2008, 101, 221802.	2.9	15
244	Evidence of WW and WZ Production with lepton+jets Final States in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV. <i>Physical Review Letters</i> , 2009, 102, 161801.	2.9	15
245	Search for admixture of scalar top quarks in the $e^+e^- \rightarrow t\bar{t}$ process. <i>Physical Review Letters</i> , 2008, 101, 221802.	1.5	15
246	Measurement of the antineutrino to neutrino charged-current interaction cross section ratio in MINERvA. <i>Physical Review D</i> , 2017, 95, .	1.6	15
247	Neutron measurements from antineutrino hydrocarbon reactions. <i>Physical Review D</i> , 2019, 100, .	1.6	15
248	Double-differential inclusive charged-current ν_e cross sections on hydrocarbon in MINERvA at $\sqrt{s}=3.5$ GeV. <i>Physical Review D</i> , 2020, 101, .	1.8	15
249	Search for first-generation scalar and vector leptoquarks. <i>Physical Review D</i> , 2001, 64, .	1.6	14
250	Measurement of the Angular and Lifetime Parameters of the Decays $B \rightarrow D^* \ell^+ \ell^-$. <i>Physical Review Letters</i> , 2009, 102, 032001.	2.9	14
251	Measurement of K^+ production in charged-current ν_e interactions. <i>Physical Review D</i> , 2016, 94, .	1.6	14
252	Search for the decay $B \rightarrow X_s \nu \ell$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 423, 419-426.	1.5	13

#	ARTICLE	IF	CITATIONS
253	Search for top squark pair production in the dielectron channel. Physical Review D, 1998, 57, 589-593.	1.6	13
254	Limits on anomalous $WW\tilde{\nu}^3$ and WWZ couplings. Physical Review D, 1998, 58, .	1.6	13
255	Ratio of Jet Cross Sections at $\sqrt{s}=630$ GeV and 1800 GeV. Physical Review Letters, 2001, 86, 2523-2528.	2.9	13
256	Ratios of Multijet Cross Sections in pp Collisions at $\sqrt{s}=1.8$ TeV. Physical Review Letters, 2001, 86, 1955-1960.	2.9	13
257	Measurement of the Lifetime Difference in the B_s System. Physical Review Letters, 2005, 95, 171801.	2.9	13
258	Search for the rare decay $B_s \rightarrow \tau^+ \tau^-$ with the D0 detector. Physical Review D, 2006, 74, .	1.6	13
259	Measurement of $\langle \mathbb{1} \rangle$ $B \rightarrow Wb$ $\langle \tau^+ \tau^- \rangle$ $\langle Wb \rangle$		

#	ARTICLE	IF	CITATIONS
271	Search for scalar leptoquarks in the acoplanar jet topology in $pp \rightarrow \ell q + \text{jet} + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV using the D0 detector. Physical Review Letters, 2007, 655, 209-216.	1.5	11
272	Search for a Higgs boson produced in association with a Z boson in $pp \rightarrow Z h + \text{jet}$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 655, 209-216.	1.5	11
273	Search for Neutral Higgs Bosons at High Energy in the $h(H/A) \rightarrow b\bar{b}, \tau\bar{\tau}, \gamma\gamma$ Channel. Physical Review Letters, 2009, 102, 051804.	2.9	11
274	Enhanced Leading Production of D^{\pm} and $D^* \pm$ in 250 GeV \bar{p} -Nucleon Interactions. Physical Review Letters, 1994, 72, 1946-1946.	2.9	10
275	Limits on quark compositeness from high energy jets in $p\bar{p}$ collisions at 1.8 TeV. Physical Review D, 2000, 62, .	1.6	10
276	Measurement of the angular distribution of electrons from $W \rightarrow e \nu_e$ decays observed in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2001, 63, .	1.6	10
277	Search for 3- and 4-body decays of the scalar top quark in pp , collisions at $\sqrt{s} = 1.8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 581, 147-155.	1.5	10
278	Search for R-parity violation in multilepton final states in $p\bar{p}$ collisions at $\sqrt{s} = 1.8$ TeV. Physical Review D, 2000, 62, .	1.6	9
279	Asymmetries in the production of Λ^0 in 250 GeV/c \bar{p} -Nucleon interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 559, 179-186.	1.5	9
280	Search for a heavy resonance decaying into aZ + jet final state in $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV using the D0 detector. Physical Review D, 2006, 74, .	1.6	9
281	Evidence of color coherence effects in W + jets events from collisions at TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 464, 145-155.	1.5	8
282	Search for the Production of Single Sleptons through R-Parity Violation in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 2002, 89, 261801.	2.9	8
283	Limits on anomalous trilinear gauge couplings from $WW \rightarrow e^+e^-$, $WW \rightarrow e^+\mu^-$, and $WW \rightarrow \mu^+\mu^-$ events from $p\bar{p}$ collisions at $\sqrt{s} = 1.96$ TeV. Physical Review D, 2006, 74, .	1.6	8
284	Study of the Decay $B_s \rightarrow D_s^* D_s^*$. Physical Review Letters, 2007, 99, 241801.	2.9	8
285	$D^* \pm$ production in 250 GeV \bar{p} -Nucleon interactions. Physical Review D, 1994, 49, R4317-R4320.	1.6	7
286	Search for single production of scalar leptoquarks in $pp \rightarrow \ell q + \text{jet}$ collisions at $\sqrt{s} = 1.96$ TeV using the D0 detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 655, 209-216.	1.5	7
287	Evidence of Coherent K^+ Meson Production in Neutrino-Nucleus Scattering. Physical Review Letters, 2016, 117, 061802.	2.9	7
288	Measurement of the ratio of differential cross sections for W and Z boson production as a function of transverse momentum in pp , collisions at $\sqrt{s} = 1.8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 517, 299-308.	1.5	6

#	ARTICLE	IF	CITATIONS
289	Search for R-Parity Violating Supersymmetry in Two-Muon and Four-Jet Topologies. Physical Review Letters, 2002, 89, 171801.	2.9	6
290	Search for Anomalous Heavy-Flavor Quark Production in Association with W Bosons. Physical Review Letters, 2005, 94, 152002.	2.9	6
291	Measurement of Neutral-Current K ⁺ Production by Neutrinos using MINERvA. Physical Review Letters, 2017, 119, 011802.	2.9	6
292	Search for particles decaying into a Z boson and a photon in $\sqrt{s}=1.96$ TeV collisions at the Tevatron. Physical Review Letters, 2008, 101, 251802.	1.5	5
293	Relative rates of B meson decays into $\tilde{\tau}(2S)$ and J/ψ mesons. Physical Review D, 2009, 79, .	1.6	5
294	Chirality and neutrinos, a student first approach. Journal of Physics: Conference Series, 2020, 1558, 012014.	0.3	3
295	Search for minimal supergravity in single-electron events with jets and large missing transverse energy in pp collisions at $\sqrt{s}=1.8$ TeV. Physical Review D, 2002, 66, .	1.6	2
296	Search for the Standard Model Higgs Boson in the Missing Energy and Acoplanar Jet Topology at $\sqrt{s}=1.96$ TeV. Physical Review Letters, 2008, 101, 251802.	2.9	2
297	Publication's Note: Limits on anomalous trilinear gauge couplings from $WW\hat{\tau}^+e+e\hat{\tau}^+$, $WW\hat{\tau}^+e\hat{\tau}^+$, and $WW\hat{\tau}^+\hat{\tau}^+$ events from pp collisions at $\sqrt{s}=1.96$ TeV [Phys. Rev. D 74, 057101 (2006)]. Physical Review D, 2006, 74, .	1.6	0
298	Atomic mass dependence of $\tilde{\tau}^+\tilde{\tau}^-$ and $\tilde{\tau}^+\tilde{\tau}^-$ production in central 250 GeV \bar{p} -nucleon interactions. Physical Review D, 1997, 56, 6003-6005.	1.6	0
299	Relative rates of B meson decays into $\tilde{\tau}^+\tilde{\tau}^-$ and J/ψ mesons. Physical Review D, 2009, 79, .	1.6	5
300	ARAPUCA light trap for large liquid argon time projection chambers. Journal of Physics: Conference Series, 2018, 1143, 012003.	0.3	0