

João R T De Mello Neto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3944331/publications.pdf>

Version: 2024-02-01

171
papers

12,507
citations

30551

56
h-index

28425

109
g-index

174
all docs

174
docs citations

174
times ranked

8811
citing authors

#	ARTICLE	IF	CITATIONS
1	Physics and Astrophysics of Ultra-High Energy Cosmic Rays: Recent Results from the Pierre Auger Observatory. Physics of Particles and Nuclei, 2022, 53, 224-232.	0.2	1
2	A Search for Photons with Energies Above 2.5×10^{17} eV Using Hybrid Data from the Low-Energy Extensions of the Pierre Auger Observatory. Astrophysical Journal, 2022, 933, 125.	1.6	21
3	Measurement of the Fluctuations in the Number of Muons in Extensive Air Showers with the Pierre Auger Observatory. Physical Review Letters, 2021, 126, 152002.	2.9	34
4	Long-baseline neutrino oscillation physics potential of the DUNE experiment. European Physical Journal C, 2020, 80, 1.	1.4	93
5	Features of the Energy Spectrum of Cosmic Rays above 2.5×10^{17} eV Using the Pierre Auger Observatory. Physical Review Letters, 2020, 125, 121106.	2.9	79
6	Direct measurement of the muonic content of extensive air showers between 2×10^{17} and 2×10^{18} eV at the Pierre Auger Observatory. European Physical Journal C, 2020, 80, 1.	1.4	36
7	A 3-Year Sample of Almost 1,600 Elves Recorded Above South America by the Pierre Auger Cosmic-Ray Observatory. Earth and Space Science, 2020, 7, e2019EA000582.	1.1	9
8	Cosmic-Ray Anisotropies in Right Ascension Measured by the Pierre Auger Observatory. Astrophysical Journal, 2020, 891, 142.	1.6	39
9	A Search for Ultra-high-energy Neutrinos from TXS 0506+056 Using the Pierre Auger Observatory. Astrophysical Journal, 2020, 902, 105.	1.6	13
10	Constraints on Light Dark Matter Particles Interacting with Electrons from DAMIC at SNOLAB. Physical Review Letters, 2019, 123, 181802.	2.9	155
11	An Indication of Anisotropy in Arrival Directions of Ultra-high-energy Cosmic Rays through Comparison to the Flux Pattern of Extragalactic Gamma-Ray Sources. Astrophysical Journal Letters, 2018, 853, L29.	3.0	165
12	Large-scale Cosmic-Ray Anisotropies above 4 EeV Measured by the Pierre Auger Observatory. Astrophysical Journal, 2018, 868, 4.	1.6	77
13	Cross correlation of UHECRs and local matter distribution taking into account the energy attenuation due to interaction with the cosmic background radiation. , 2018, , .		0
14	Impact of atmospheric effects on the energy reconstruction of air showers observed by the surface detectors of the Pierre Auger Observatory. Journal of Instrumentation, 2017, 12, P02006-P02006.	0.5	8
15	Multi-resolution anisotropy studies of ultrahigh-energy cosmic rays detected at the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 026-026.	1.9	14
16	Search for photons with energies above 10^{18} eV using the hybrid detector of the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 009-009.	1.9	49
17	A Targeted Search for Point Sources of EeV Photons with the Pierre Auger Observatory. Astrophysical Journal Letters, 2017, 837, L25.	3.0	21
18	Spectral calibration of the fluorescence telescopes of the Pierre Auger Observatory. Astroparticle Physics, 2017, 95, 44-56.	1.9	7

#	ARTICLE	IF	CITATIONS
19	Observation of a large-scale anisotropy in the arrival directions of cosmic rays above 8×10^{18} eV. <i>Science</i> , 2017, 357, 1266-1270.	6.0	261
20	Inferences on mass composition and tests of hadronic interactions from 0.3 to 100 EeV using the water-Cherenkov detectors of the Pierre Auger Observatory. <i>Physical Review D</i> , 2017, 96, .	1.6	82
21	First Direct-Detection Constraints on eV-Scale Hidden-Photon Dark Matter with DAMIC at SNOLAB. <i>Physical Review Letters</i> , 2017, 118, 141803.	2.9	66
22	Calibration of the logarithmic-periodic dipole antenna (LPDA) radio stations at the Pierre Auger Observatory using an octocopter. <i>Journal of Instrumentation</i> , 2017, 12, T10005-T10005.	0.5	21
23	Measurement of radioactive contamination in the CCDs of the DAMIC experiment. <i>Journal of Physics: Conference Series</i> , 2016, 718, 042057.	0.3	1
24	Ultra high energy cosmic rays: the highest energy frontier. <i>Journal of Physics: Conference Series</i> , 2016, 706, 042009.	0.3	1
25	Evidence for a mixed mass composition at the ankle in the cosmic-ray spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 762, 288-295.	1.5	84
26	Search for ultrarelativistic magnetic monopoles with the Pierre Auger observatory. <i>Physical Review D</i> , 2016, 94, .	1.6	15
27	Azimuthal asymmetry in the risetime of the surface detector signals of the Pierre Auger Observatory. <i>Physical Review D</i> , 2016, 93, .	1.6	21
28	Energy estimation of cosmic rays with the Engineering Radio Array of the Pierre Auger Observatory. <i>Physical Review D</i> , 2016, 93, .	1.6	80
29	Measurement of the Radiation Energy in the Radio Signal of Extensive Air Showers as a Universal Estimator of Cosmic-Ray Energy. <i>Physical Review Letters</i> , 2016, 116, 241101.	2.9	91
30	Testing Hadronic Interactions at Ultrahigh Energies with Air Showers Measured by the Pierre Auger Observatory. <i>Physical Review Letters</i> , 2016, 117, 192001.	2.9	154
31	Nanosecond-level time synchronization of autonomous radio detector stations for extensive air showers. <i>Journal of Instrumentation</i> , 2016, 11, P01018-P01018.	0.5	20
32	Search for correlations between the arrival directions of IceCube neutrino events and ultrahigh-energy cosmic rays detected by the Pierre Auger Observatory and the Telescope Array. <i>Journal of Cosmology and Astroparticle Physics</i> , 2016, 2016, 037-037.	1.9	31
33	Prototype muon detectors for the AMIGA component of the Pierre Auger Observatory. <i>Journal of Instrumentation</i> , 2016, 11, P02012-P02012.	0.5	38
34	Measurement of radioactive contamination in the high-resistivity silicon CCDs of the DAMIC experiment. <i>Journal of Instrumentation</i> , 2015, 10, P08014-P08014.	0.5	33
35	The Pierre Auger Cosmic Ray Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 798, 172-213.	0.7	442
36	Measurement of the cosmic ray spectrum above 4×10^{18} eV using inclined events detected with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2015, 2015, 049-049.	1.9	20

#	ARTICLE	IF	CITATIONS
37	SEARCHES FOR ANISOTROPIES IN THE ARRIVAL DIRECTIONS OF THE HIGHEST ENERGY COSMIC RAYS DETECTED BY THE PIERRE AUGER OBSERVATORY. <i>Astrophysical Journal</i> , 2015, 804, 15.	1.6	146
38	Improved limit to the diffuse flux of ultrahigh energy neutrinos from the Pierre Auger Observatory. <i>Physical Review D</i> , 2015, 91, .	1.6	125
39	Search for patterns by combining cosmic-ray energy and arrival directions at the Pierre Auger Observatory. <i>European Physical Journal C</i> , 2015, 75, 269.	1.4	12
40	LARGE SCALE DISTRIBUTION OF ULTRA HIGH ENERGY COSMIC RAYS DETECTED AT THE PIERRE AUGER OBSERVATORY WITH ZENITH ANGLES UP TO 80°. <i>Astrophysical Journal</i> , 2015, 802, 111.	1.6	49
41	Studies of Cosmic Rays at the Highest Energies with the Pierre Auger Observatory. EPJ Web of Conferences, 2014, 71, 00036.	0.1	0
42	Depth of maximum of air-shower profiles at the Pierre Auger Observatory. I. Measurements at energies above 10^{19} eV. <i>Physical Review D</i> , 2014, 90, .	1.6	266
43	SEARCHES FOR LARGE-SCALE ANISOTROPY IN THE ARRIVAL DIRECTIONS OF COSMIC RAYS DETECTED ABOVE ENERGY OF 10^{19} eV AT THE PIERRE AUGER OBSERVATORY AND THE TELESCOPE ARRAY. <i>Astrophysical Journal</i> , 2014, 794, 172.	1.6	72
44	A SEARCH FOR POINT SOURCES OF EeV PHOTONS. <i>Astrophysical Journal</i> , 2014, 789, 160.	1.6	29
45	Reconstruction of inclined air showers detected with the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 019-019.	1.9	49
46	Probing the radio emission from air showers with polarization measurements. <i>Physical Review D</i> , 2014, 89, .	1.6	85
47	Publisher's Note: Muons in air showers at the Pierre Auger Observatory: Measurement of atmospheric production depth [Phys. Rev. D 90 (2014)]. <i>Physical Review D</i> , 2014, 90, .	1.6	19
48	A TARGETED SEARCH FOR POINT SOURCES OF EeV NEUTRONS. <i>Astrophysical Journal Letters</i> , 2014, 789, L34.	3.0	14
49	Highlights from the Pierre Auger Observatory. <i>Brazilian Journal of Physics</i> , 2014, 44, 560-570.	0.7	36
50	Origin of atmospheric aerosols at the Pierre Auger Observatory using studies of air mass trajectories in South America. <i>Atmospheric Research</i> , 2014, 149, 120-135.	1.8	6
51	Measurements of cosmic rays at the highest energies with the Pierre Auger Observatory. <i>Advances in Space Research</i> , 2014, 53, 1476-1482.	1.2	4
52	Identifying clouds over the Pierre Auger Observatory using infrared satellite data. <i>Astroparticle Physics</i> , 2013, 50-52, 92-101.	1.9	8
53	Introducing the CTA concept. <i>Astroparticle Physics</i> , 2013, 43, 3-18.	1.9	504
54	The MIDAS telescope for microwave detection of ultra-high energy cosmic rays. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 719, 70-80.	0.7	8

#	ARTICLE	IF	CITATIONS
55	Measurements of the GHz emission by a 3 MeV electron beam. , 2013, , .		0
56	Ultrahigh Energy Neutrinos at the Pierre Auger Observatory. Advances in High Energy Physics, 2013, 2013, 1-18.	0.5	39
57	Techniques for measuring aerosol attenuation using the Central Laser Facility at the Pierre Auger Observatory. Journal of Instrumentation, 2013, 8, P04009-P04009.	0.5	24
58	Interpretation of the depths of maximum of extensive air showers measured by the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 026-026.	1.9	27
59	CONSTRAINTS ON THE ORIGIN OF COSMIC RAYS ABOVE 10^{18} eV FROM LARGE-SCALE ANISOTROPY SEARCHES IN DATA OF THE PIERRE AUGER OBSERVATORY. Astrophysical Journal Letters, 2013, 762, L13.	3.0	67
60	Bounds on the density of sources of ultra-high energy cosmic rays from the Pierre Auger Observatory. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 009-009.	1.9	34
61	Anisotropy studies with the Pierre Auger Observatory. Journal of Physics: Conference Series, 2013, 409, 012108.	0.3	2
62	First results from the microwave air yield beam experiment (MAYBE): Measurement of GHz radiation for ultra-high energy cosmic ray detection. EPJ Web of Conferences, 2013, 53, 08008.	0.1	6
63	SEARCH FOR POINT-LIKE SOURCES OF ULTRA-HIGH ENERGY NEUTRINOS AT THE PIERRE AUGER OBSERVATORY AND IMPROVED LIMIT ON THE DIFFUSE FLUX OF TAU NEUTRINOS. Astrophysical Journal Letters, 2012, 755, L4.	3.0	55
64	Antennas for the detection of radio emission pulses from cosmic-ray induced air showers at the Pierre Auger Observatory. Journal of Instrumentation, 2012, 7, P10011-P10011.	0.5	95
65	Measurement of the Proton-Air Cross Section at $\sqrt{s} = 57$ TeV at the Pierre Auger Observatory. Physical Review Letters, 2012, 109, 062002.	2.9	212
66	Publisher's Note: Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory [Phys. Rev. D84, 122005 (2011)]. Physical Review D, 2012, 85, .	1.6	8
67	A SEARCH FOR POINT SOURCES OF EeV NEUTRONS. Astrophysical Journal, 2012, 760, 148.	1.6	27
68	LARGE-SCALE DISTRIBUTION OF ARRIVAL DIRECTIONS OF COSMIC RAYS DETECTED ABOVE 10^{18} eV AT THE PIERRE AUGER OBSERVATORY. Astrophysical Journal, Supplement Series, 2012, 203, 34.	3.0	44
69	ULTRA HIGH ENERGY COSMIC RAYS WITH THE PIERRE AUGER OBSERVATORY. International Journal of Modern Physics Conference Series, 2012, 18, 221-229.	0.7	2
70	The rapid atmospheric monitoring system of the Pierre Auger Observatory. Journal of Instrumentation, 2012, 7, P09001-P09001.	0.5	24
71	Results of a self-triggered prototype system for radio-detection of extensive air showers at the Pierre Auger Observatory. Journal of Instrumentation, 2012, 7, P11023-P11023.	0.5	24
72	Search for microwave emission from ultrahigh energy cosmic rays. Physical Review D, 2012, 86, .	1.6	15

#	ARTICLE	IF	CITATIONS
73	Fingerprints of disoriented chiral condensates in cosmic ray showers. <i>Astroparticle Physics</i> , 2012, 37, 75-80.	1.9	0
74	A search for anisotropy in the arrival directions of ultra high energy cosmic rays recorded at the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2012, 2012, 040-040.	1.9	6
75	Measurement of the cosmic ray energy spectrum using hybrid events of the Pierre Auger Observatory. <i>European Physical Journal Plus</i> , 2012, 127, 1.	1.2	34
76	Search for signatures of magnetically-induced alignment in the arrival directions measured by the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2012, 35, 354-361.	1.9	32
77	Description of atmospheric conditions at the Pierre Auger Observatory using the Global Data Assimilation System (GDAS). <i>Astroparticle Physics</i> , 2012, 35, 591-607.	1.9	66
78	Microwave detection of air showers with MIDAS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2012, 662, S118-S123.	0.7	1
79	Search for ultrahigh energy neutrinos in highly inclined events at the Pierre Auger Observatory. <i>Physical Review D</i> , 2011, 84, .	1.6	51
80	Anisotropy and chemical composition of ultra-high energy cosmic rays using arrival directions measured by the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 022-022.	1.9	9
81	The Pierre Auger Observatory scaler mode for the study of solar activity modulation of galactic cosmic rays. <i>Journal of Instrumentation</i> , 2011, 6, P01003-P01003.	0.5	16
82	The Lateral Trigger Probability function for the Ultra-High Energy Cosmic Ray showers detected by the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 35, 266-276.	1.9	16
83	The exposure of the hybrid detector of the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 34, 368-381.	1.9	54
84	Search for first harmonic modulation in the right ascension distribution of cosmic rays detected at the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2011, 34, 627-639.	1.9	73
85	Advanced functionality for radio analysis in the Offline software framework of the Pierre Auger Observatory. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 635, 92-102.	0.7	52
86	Microwave detection of air showers with the MIDAS experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011, 212-213, 329-335.	0.5	2
87	The MIDAS experiment: A prototype for the microwave emission of Ultra-High Energy Cosmic Rays. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2011, 215, 63-65.	0.5	0
88	The effect of the geomagnetic field on cosmic ray energy estimates and large scale anisotropy searches on data from the Pierre Auger Observatory. <i>Journal of Cosmology and Astroparticle Physics</i> , 2011, 2011, 022-022.	1.9	24
89	A study of the effect of molecular and aerosol conditions in the atmosphere on air fluorescence measurements at the Pierre Auger Observatory. <i>Astroparticle Physics</i> , 2010, 33, 108-129.	1.9	84
90	Update on the correlation of the highest energy cosmic rays with nearby extragalactic matter. <i>Astroparticle Physics</i> , 2010, 34, 314-326.	1.9	270

#	ARTICLE	IF	CITATIONS
91	Trigger and aperture of the surface detector array of the Pierre Auger Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 613, 29-39.	0.7	151
92	Measurement of the energy spectrum of cosmic rays above 1018 eV using the Pierre Auger Observatory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 685, 239-246.	1.5	357
93	The fluorescence detector of the Pierre Auger Observatory. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 620, 227-251.	0.7	275
94	The northern site of the Pierre Auger Observatory. New Journal of Physics, 2010, 12, 035001.	1.2	18
95	Measurement of the Depth of Maximum of Extensive Air Showers above 10^{18} eV. Physical Review Letters. 2010. 104. 091101.	2.9	429
96	The 2pt+: an enhanced 2 point correlation function. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 023-023.	1.9	8
97	Atmospheric effects on extensive air showers observed with the surface detector of the Pierre Auger observatory. Astroparticle Physics, 2009, 32, 89-99.	1.9	43
98	Upper limit on the cosmic-ray photon fraction at EeV energies from the Pierre Auger Observatory. Astroparticle Physics, 2009, 31, 399-406.	1.9	117
99	Limit on the diffuse flux of ultrahigh energy tau neutrinos with the surface detector of the Pierre Auger Observatory. Physical Review D, 2009, 79, .	1.6	99
100	Correlation of the highest-energy cosmic rays with the positions of nearby active galactic nuclei. Astroparticle Physics, 2008, 29, 188-204.	1.9	305
101	Upper limit on the cosmic-ray photon flux above 1019eV using the surface detector of the Pierre Auger Observatory. Astroparticle Physics, 2008, 29, 243-256.	1.9	161
102	Observation of the Suppression of the Flux of Cosmic Rays above 4×10^{19} eV. Physical Review Letters, 2008, 101, 061101.	2.8	500
103	Upper Limit on the Diffuse Flux of Ultrahigh Energy Tau Neutrinos from the Pierre Auger Observatory. Physical Review Letters, 2008, 100, 211101.	2.9	141
104	SIMULATING DCC SIGNALS IN COSMIC RAYS. International Journal of Modern Physics E, 2007, 16, 2872-2875.	0.4	1
105	Correlation of the Highest-Energy Cosmic Rays with Nearby Extragalactic Objects. Science, 2007, 318, 938-943.	6.0	647
106	Dark matter halos and the anisotropy of ultra-high energy cosmic rays in the Pierre Auger observatory. Brazilian Journal of Physics, 2007, 37, 48-51.	0.7	3
107	Compact charged stars. Brazilian Journal of Physics, 2007, 37, 609-612.	0.7	13
108	An upper limit to the photon fraction in cosmic rays above 1019eV from the Pierre Auger Observatory. Astroparticle Physics, 2007, 27, 155-168.	1.9	90

#	ARTICLE	IF	CITATIONS
109	Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory. <i>Astroparticle Physics</i> , 2007, 27, 244-253.	1.9	51
110	Model-independent measurement of S-wave π^0 systems using $D^0 \rightarrow \pi^+ \pi^-$ decays from Fermilab E791. <i>Physical Review D</i> , 2006, 73, .	1.6	75
111	Publisher's Note: Model-independent measurement of S-wave π^0 systems using $D^0 \rightarrow \pi^+ \pi^-$ decays from Fermilab E791 [Phys. Rev. D 73, 032004 (2006)]. <i>Physical Review D</i> , 2006, 74, .	1.6	24
112	Asymmetries in the production of Λ^0 in 250 GeV/c π^{\pm} , K^{\pm} and p nucleon interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 559, 179-186.	1.5	9
113	Dalitz Plot Analysis of the Decay $D^0 \rightarrow \pi^+ \pi^-$ and Indication of a Low-Mass Scalar $\pi\pi$ Resonance. <i>Physical Review Letters</i> , 2002, 89, 121801.	2.9	216
114	Probing the Dark Energy with Quasar Clustering. <i>Physical Review Letters</i> , 2002, 88, 091302.	2.9	9
115	Differential cross sections, charge production asymmetry, and spin-density matrix elements for (2010) produced in 500 GeV/c π^{\pm} -nucleon interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 539, 218-226.	1.5	9
116	Study of the $D_s^+ \rightarrow \pi^+ \pi^0$ Decay and Measurement of π^0 Masses and Widths. <i>Physical Review Letters</i> , 2001, 86, 765-769.	2.9	147
117	Direct Measurement of the Pion Valence-Quark Momentum Distribution, the Pion Light-Cone Wave Function Squared. <i>Physical Review Letters</i> , 2001, 86, 4768-4772.	2.9	87
118	Experimental Evidence for a Light and Broad Scalar Resonance in $D^0 \rightarrow \pi^+ \pi^-$ Decay. <i>Physical Review Letters</i> , 2001, 86, 770-774.	2.9	288
119	Study of the decay $D^0 \rightarrow \pi^+ K^0$. <i>Physical Review D</i> , 2001, 64, .	1.6	1
120	Search for Rare and Forbidden Charm Meson Decays $D^0 \rightarrow V^0 \pi^0$, $D^0 \rightarrow \pi^0 \pi^0$ and $h^0 \pi^0$. <i>Physical Review Letters</i> , 2001, 86, 3969-3972.	2.9	31
121	Observation of Color-Transparency in Diffractive Dissociation of Pions. <i>Physical Review Letters</i> , 2001, 86, 4773-4777.	2.9	89
122	Asymmetries in the production of Λ^0 and Λ^0 baryons in 500 GeV/c π^{\pm} nucleon interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 495, 42-48.	1.5	22
123	Asymmetries in the production of Λ^0 , Λ^0 , and hyperons in 500 GeV/c π^{\pm} nucleon interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 496, 9-18.	1.5	16
124	Measurements of Lifetimes and a Limit on the Lifetime Difference in the Neutral D-Meson System. <i>Physical Review Letters</i> , 1999, 83, 32-36.	2.9	55
125	Total forward and differential cross sections of neutral D mesons produced in 500 GeV/c π^{\pm} nucleon interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 462, 225-236.	1.5	8
126	Study of the decay $D^0 \rightarrow \pi^+ K^0$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 423, 185-193.	1.5	6

#	ARTICLE	IF	CITATIONS
127	The D \bar{A} upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 408, 103-109.	0.7	12
128	Branching fractions for D $0 \rightarrow K^+ K^-$ and D $0 \rightarrow \pi^+ \pi^-$, and a search for CP violation in D 0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 421, 405-411.	1.5	31
129	Search for D $0 \rightarrow D^0$ mixing and doubly-Cabibbo-suppressed decays of the D 0 in hadronic final states. Physical Review D, 1998, 57, 13-27.	1.6	39
130	Search for the Pentaquark via the Pcs $\Lambda^0 \rightarrow \pi^+ \pi^- p$ Decay. Physical Review Letters, 1998, 81, 44-48.	2.9	38
131	Measurement of the Form-Factor Ratios for D $^+ \rightarrow K^+ e^+ \nu_e$. Physical Review Letters, 1998, 80, 1393-1397.	2.9	24
132	Atomic mass dependence of $\bar{\Lambda}^0$ and $\bar{\Lambda}^0$ production in central 250 GeV/c \bar{A} -nucleon interactions. Physical Review D, 1997, 56, 6003-6005.	1.6	0
133	Scintillation counters for the D \bar{A} muon upgrade. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 401, 45-62.	0.7	12
134	Jet Production via Strongly Interacting Color-Singlet Exchange in pp \bar{A} Collisions. Physical Review Letters, 1996, 76, 734-739.	2.9	42
135	Searches for new gauge bosons using the D 0 detector. AIP Conference Proceedings, 1996, , .	0.3	0
136	Modeling higher twist contributions to deep inelastic scattering with diquarks. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 625-629.	1.5	3
137	production in collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 370, 239-248.	1.5	87
138	Asymmetries between the production of D $^+$ and D \bar{A} mesons from 500 GeV/c \bar{A} -nucleus interactions as a function of xF and pt 2 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 371, 157-162.	1.5	74
139	Mass splitting and production of $\bar{\Lambda}^0$ and $\bar{\Lambda}^0$ measured in 500 GeV \bar{A} -N interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 379, 292-298.	1.5	15
140	Search for additional neutral gauge bosons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 471-478.	1.5	26
141	Search for the Flavor-Changing Neutral-Current Decays D $^+ \rightarrow \pi^+ \pi^0$ and D $^+ \rightarrow \pi^+ e^+ e^-$. Physical Review Letters, 1996, 76, 364-367.	2.9	21
142	Search for D $0 \rightarrow D^0$ Mixing in Semileptonic Decay Modes. Physical Review Letters, 1996, 77, 2384-2387.	2.9	47
143	Search for Light Top Squarks in pp \bar{A} Collisions at $\sqrt{s} = 1.8$ TeV. Physical Review Letters, 1996, 76, 2222-2227.	2.9	85
144	Forward Cross Sections for Production of D $^+$, D 0 , Ds, D $^{*+}$, and $\bar{\Lambda}^0$ in 250 GeV \bar{A} , K \bar{A} , and p Interactions with Nuclei. Physical Review Letters, 1996, 77, 2388-2391.	2.9	72

#	ARTICLE	IF	CITATIONS
145	Isolated Photon Cross Section in the Central and Forward Rapidity Regions in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1996, 77, 5011-5015.	2.9	40
146	Search for $W\ell\ell$ Production via Trilepton Final States in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1996, 76, 2228-2233.	2.9	20
147	Measurement of the W Boson Mass. Physical Review Letters, 1996, 77, 3309-3314.	2.9	50
148	Search for Right-Handed W Bosons and Heavy W in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1996, 76, 3271-3276.	2.9	67
149	Studies of topological distributions of inclusive three- and four-jet events in $p\bar{p}$ collisions at $\sqrt{s}=1800\text{GeV}$ with the D0 detector. Physical Review D, 1996, 53, 6000-6016.	1.6	20
150	Azimuthal Decorrelation of Jets Widely Separated in Rapidity. Physical Review Letters, 1996, 77, 595-600.	2.9	38
151	Search for Anomalous W and WZ Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1996, 77, 3303-3308.	2.9	29
152	Feynman-x and Transverse Momentum Dependence of D Meson Production in 250 GeV e, K , and p Interactions with Nuclei. Physical Review Letters, 1996, 77, 2392-2395.	2.9	52
153	Recent results from Fermilab E791. , 1995, , .		0
154	Top quark search with the D0 1992-1993 data sample. Physical Review D, 1995, 52, 4877-4919.	1.6	74
155	Search for W Boson Pair Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1995, 75, 1023-1027.	2.9	42
156	Search for Squarks and Gluinos in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1995, 75, 618-623.	2.9	104
157	Second Generation Leptoquark Search in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1995, 75, 3618-3623.	2.9	15
158	Measurement of the $WW\gamma$ Gauge Boson Couplings in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1995, 75, 1034-1039.	2.9	36
159	Search for High Mass Top Quark Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1995, 74, 2422-2426.	2.9	82
160	W and Z Boson Production in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1995, 75, 1456-1461.	2.9	67
161	Inclusive γ and b -Quark Production Cross Sections in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1995, 74, 3548-3552.	2.9	102
162	Limits on the Anomalous $ZZ\gamma$ and $Z\gamma\gamma$ Couplings in $p\bar{p}$ Collisions at $\sqrt{s}=1.8\text{TeV}$. Physical Review Letters, 1995, 75, 1028-1033.	2.9	29

#	ARTICLE	IF	CITATIONS
163	Study of the Strong Coupling Constant Using $W+Jet$ Processes. Physical Review Letters, 1995, 75, 3226-3231.	2.9	25
164	Observation of the Top Quark. Physical Review Letters, 1995, 74, 2632-2637.	2.9	1,100
165	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
166	Enhanced leading production of D^{\pm} and $D^{*\pm}$ in 250 GeV \bar{p} -nucleon interactions. Physical Review Letters, 1994, 72, 812-815.	2.9	67
167	$D^{*\pm}$ production in 250 GeV \bar{p} -N interactions. Physical Review D, 1994, 49, R4317-R4320.	1.6	7
168	Atomic mass dependence of D^{\pm} and $D^0, D^{\pm 0}$ production in 250 GeV \bar{p} -nucleon interactions. Physical Review Letters, 1993, 70, 722-725.	2.9	48
169	Feynman-x and transverse-momentum dependence of D^{\pm} and $D^0, D^{\pm 0}$ production in 250 GeV \bar{p} -nucleon interactions. Physical Review Letters, 1992, 69, 3147-3150.	2.9	34
170	Fermilab E791. AIP Conference Proceedings, 1992, , .	0.3	1
171	Qualitative analysis of cosmological models in Brans-Dicke theory. Astrophysics and Space Science, 1989, 158, 229-257.	0.5	6