RESEARCH & PUBLICATIONS

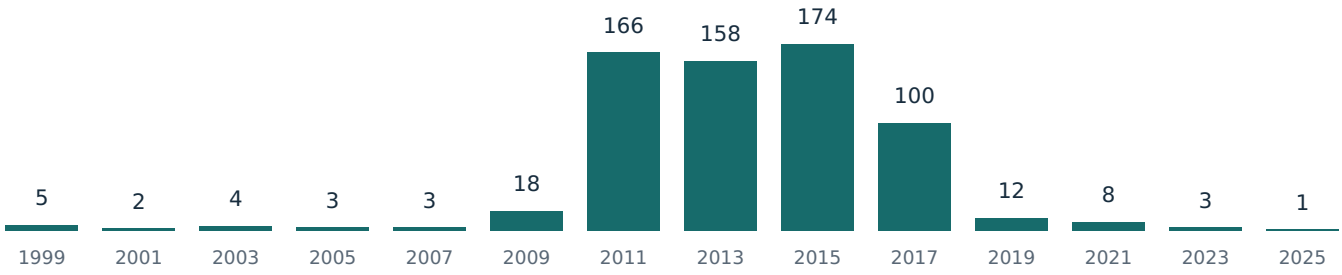
Enrique Calvo Alamillo

A publication record at a glance

658	62,285	110
ARTICLES	CITATIONS	h-INDEX

PUBLICATION ACTIVITY

Articles grouped into 2-year periods



1 articles have no publication year in the database.

MOST CITED IN THIS LIST

Observation of a New Boson at a Mass of 125 GeV With the CMS Experiment at the LHC — 9,093

2012 Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics

The CMS Experiment at the CERN LHC — 3,826

2008 Journal of Instrumentation

Combined Measurement of the Higgs Boson Mass in Pp Collisions at Sqrt[s]=7 and 8 TeV With the ATLAS and CMS Experiments. — 1,229

2015 Physical Review Letters

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Ordered by publication year, newest first

2025

01 **Supernova Pointing Capabilities of DUNE**

Physical Review D · 111, 092006

https://exaly.com/article/200837583

8 citations

2024

02 **Measurement of the Photon Detection Efficiency of Hamamatsu VUV4 SiPMS at Cryogenic Temperature**

Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment · 1064, 169347

https://exaly.com/article/178166573

12 citations

03 **First Measurement of the Total Inelastic Cross Section of Positively Charged Kaons on Argon at Energies Between 5.0 and 7.5 GeV**

Physical Review D · 110, 092011

https://exaly.com/article/194622870

11 citations

2023

04 **Validation of Electrodeposited 241Am Alpha-Particle Sources for Use in Liquified Gas Detectors at Cryogenic Temperatures**

Applied Radiation and Isotopes · 200, 110913

https://exaly.com/article/164152392

3 citations

2022

05 **Low Exposure Long-Baseline Neutrino Oscillation Sensitivity of the DUNE Experiment**

Physical Review D · 105, 072006

https://exaly.com/article/145199258

37 citations

06 **Scintillation Light Detection in the 6-m Drift-Length ProtoDUNE Dual Phase Liquid Argon TPC**

European Physical Journal C · 82, 1-29

https://exaly.com/article/149080063

20 citations

2021

07 **Study of Scintillation Light Collection, Production and Propagation in a 4 Tonne Dual-Phase LArTPC**

Journal of Instrumentation · 16, P03007

https://exaly.com/article/79703995

8 citations

Ordered by publication year, newest first

2021 / continued

08 **Prospects for Beyond the Standard Model Physics Searches at the Deep Underground Neutrino Experiment** — 148 citations

European Physical Journal C · 81, 1-51

https://exaly.com/article/79926138

09 **Supernova Neutrino Burst Detection With the Deep Underground Neutrino Experiment** — 139 citations

European Physical Journal C · 81, 1-26

https://exaly.com/article/80592899

10 **Performance Study of a 3×1×1 m3 Dual Phase Liquid Argon Time Projection Chamber Exposed to Cosmic Rays** — 10 citations

Journal of Instrumentation · 16, P08063

https://exaly.com/article/81974809

11 **ProtoDUNE-DP Light Acquisition and Calibration Software** — 5 citations

IEEE Transactions on Nuclear Science · 68, 2334-2341

https://exaly.com/article/82282908

12 **Neutrino Physics With an Opaque Detector** — 33 citations

Communications Physics · 4, 1-9

https://exaly.com/article/135488307

2020

13 **Volume I. Introduction to DUNE** — 374 citations

Journal of Instrumentation · 15, T08008

https://exaly.com/article/75487265

14 **A Survey of the Induced Currents on the Photodetectors Used in the CMS Link Alignment System** — 0 citations

Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment · 960, 163639

https://exaly.com/article/75624083

15 **First Results on ProtoDUNE-SP Liquid Argon Time Projection Chamber Performance From a Beam Test at the CERN Neutrino Platform** — 118 citations

Journal of Instrumentation · 15, P12004

https://exaly.com/article/75777614

16 **Long-Baseline Neutrino Oscillation Physics Potential of the DUNE Experiment** — 271 citations

European Physical Journal C · 80, 1-34

https://exaly.com/article/76038974

Ordered by publication year, newest first

2020 / continued

17 **Volume IV. The DUNE Far Detector Single-Phase Technology**
Journal of Instrumentation · 15, T08010-T08010
https://exaly.com/article/76251740
157 citations

18 **Volume III. DUNE Far Detector Technical Coordination**
Journal of Instrumentation · 15, T08009
https://exaly.com/article/76479675
43 citations

19 **Neutrino Interaction Classification With a Convolutional Neural Network in the DUNE Far Detector**
Physical Review D · 102, 092003
https://exaly.com/article/76517578
40 citations

20 **Irradiation Aging of the CMS Drift Tube Muon Detector**
Radiation Physics and Chemistry · 172, 108747
https://exaly.com/article/76745234
1 citations

21 **First Testing of the Hamamatsu R5912-02Mod Photomultiplier Tube at 4-Bar Pressure and Cryogenic Temperature**
Journal of Instrumentation · 15, P09023-P09023
https://exaly.com/article/85302989
6 citations

2019

22 **A Light Calibration System for the ProtoDUNE-DP Detector**
Journal of Instrumentation · 14, T04001-T04001
https://exaly.com/article/73636609
9 citations

23 **Study of the Effects of Radiation at the CERN Gamma Irradiation Facility on the CMS Drift Tube Muon Detector for HL-LHC**
Journal unavailable
https://exaly.com/article/73805952
0 citations

24 **Study of the Effects of Radiation on the CMS Drift Tubes Muon Detector for the HL-LHC**
Journal of Instrumentation · 14, C12010
https://exaly.com/article/74429725
3 citations

2018

25 **Study of Dijet Events With a Large Rapidity Gap Between the Two Leading Jets in Pp Collisions at √s=7 TeV**
European Physical Journal C · 78, 1-27
https://exaly.com/article/68891576
14 citations

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2018 / continued

26 Suppression of Excited ϒ States Relative to the Ground State in Pb-Pb Collisions at √(s)_(NN)=5.02 TeV

52 citations

Physical Review Letters · 120, 142301

https://exaly.com/article/68953594

27 Search for Natural Supersymmetry in Events With Top Quark Pairs and Photons in Pp Collisions at √s=8 TeV

0 citations

Journal of High Energy Physics · 2018, 1-38

https://exaly.com/article/69253896

28 Azimuthal Anisotropy of Charged Particles With Transverse Momentum Up to 100 GeV/c in PbPb Collisions at sNN=5.02TeV

92 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 776, 195-216

https://exaly.com/article/69700527

29 Cryogenic R5912-20Mod Photomultiplier Tube Characterization for the ProtoDUNE Dual Phase Detector

22 citations

Journal of Instrumentation · 13, T10006

https://exaly.com/article/70372673

30 A 4 Tonne Demonstrator for Large-Scale Dual-Phase Liquid Argon Time Projection Chambers

31 citations

Journal of Instrumentation · 13, P11003

https://exaly.com/article/70495505

31 The Network of Photodetectors and Diode Lasers of the CMS Link Alignment System

1 citations

Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment · 896, 1-23

https://exaly.com/article/71149264

32 Performance of the CMS Muon Detector and Muon Reconstruction With Proton-Proton Collisions at √s=13 TeV

335 citations

Journal of Instrumentation · 13, P06015

https://exaly.com/article/71463972

33 Search for Vectorlike Light-Flavor Quark Partners in Proton-Proton Collisions at √(s)=8 TeV

25 citations

Physical Review D · 97, 072008

https://exaly.com/article/71750725

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2017

34 Search for Dark Matter and Supersymmetry With a Compressed Mass Spectrum in the Vector Boson Fusion Topology in Proton-Proton Collisions at Sqrt[s]=8 TeV.

31 citations

Physical Review Letters · 118, 021802

https://exaly.com/article/65894127

35 Search for High-Mass Diphoton Resonances in Proton–Proton Collisions at 13 TeV and Combination With 8 TeV Search

94 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 767, 147-170

https://exaly.com/article/65907697

36 Observation of the Decay B+ → ψ(2S)ϕ(1020)K+ in Pp Collisions at s=8TeV

5 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 764, 66-86

https://exaly.com/article/65915937

37 Search for Supersymmetry in Events With One Lepton and Multiple Jets in Proton-Proton Collisions at √(s)=13 TeV

12 citations

Physical Review D · 95, 012011

https://exaly.com/article/65950887

38 Measurement of the WZ Production Cross Section in Pp Collisions at s=13 TeV

58 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 766, 268-290

https://exaly.com/article/65981739

39 Search for R-Parity Violating Supersymmetry With Displaced Vertices in Proton-Proton Collisions at √(s)=8 TeV

22 citations

Physical Review D · 95, 012009

https://exaly.com/article/65998253

40 Measurements of the t\overlinetP̄roduction Cross Section in Lepton+Jets Final States in Pp Collisions at 8 TeVTeV and Ratio of 8 to 7 TeVTeV Cross Sections

50 citations

European Physical Journal C · 77, 1-27

https://exaly.com/article/66063904

41 Inclusive Search for Supersymmetry Using Razor Variables in Pp Collisions at √(s)=13 TeV

24 citations

Physical Review D · 95, 012003

https://exaly.com/article/66067445

42 Measurement of the Tt̄ Production Cross Section Using Events in the Eμ Final State in Pp Collisions at √s=13TeV

47 citations

European Physical Journal C · 77, 1-22

https://exaly.com/article/66216998

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2017 / continued

43 Measurement and QCD Analysis of Double-Differential Inclusive Jet Cross Sections in Pp Collisions at s=8 √s=8 TeV and Cross Section Ratios to 2.76 and 7 TeV

81 citations

Journal of High Energy Physics · 2017, 1-52

https://exaly.com/article/66246986

44 Search for Electroweak Production of Charginos in Final States With Two τ Leptons in Pp Collisions at s=8 √s=8 TeV

12 citations

Journal of High Energy Physics · 2017, 1-49

https://exaly.com/article/66311050

45 Measurement of the Production Cross Section of a W Boson in Association With Two b Jets in Pp Collisions at √s = 8TeV

25 citations

European Physical Journal C · 77, 1-23

https://exaly.com/article/66393342

46 Measurement of the WZ Production Cross Section in Pp Collisions at √s = 7 and 8 TeV and Search for Anomalous Triple Gauge Couplings at √s = 8TeV

44 citations

European Physical Journal C · 77, 1-29

https://exaly.com/article/66393343

47 Measurement of Prompt and Nonprompt J/ψ Production in Pp and pPb Collisions at √(s_(NN)) =5.02TeV

80 citations

European Physical Journal C · 77, 1-27

https://exaly.com/article/66393345

48 Suppression of ϒ(1S), ϒ(2S), and ϒ(3S) Quarkonium States in PbPb Collisions at sNN=2.76TeV

90 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 770, 357-379

https://exaly.com/article/66399829

49 Jet Energy Scale and Resolution in the CMS Experiment in Pp Collisions at 8 TeV

336 citations

Journal of Instrumentation · 12, P02014

https://exaly.com/article/66405844

50 A Search for New Phenomena in Pp Collisions at √s = 13TeV s = 13 TeV in Final States With Missing Transverse Momentum and at Least One Jet Using the α _(T) α T Variable

33 citations

European Physical Journal C · 77, 1-38

https://exaly.com/article/66451141

51 Search for Single Production of a Heavy Vector-Like T Quark Decaying to a Higgs Boson and a Top Quark With a Lepton and Jets in the Final State

30 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 771, 80-105

https://exaly.com/article/66455889

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2017 / continued

52 **Measurement of the Cross Section for Electroweak Production of Zγ in Association With Two Jets and Constraints on Anomalous Quartic Gauge Couplings in Proton–Proton Collisions at s=8 TeV**

54 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 770, 380-402

https://exaly.com/article/66468514

53 **The CMS Trigger System**

487 citations

Journal of Instrumentation · 12, P01020

https://exaly.com/article/66536019

54 **Multiplicity and Rapidity Dependence of Strange Hadron Production in Pp, pPb, and PbPb Collisions at the LHC**

62 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 768, 103-129

https://exaly.com/article/66576047

55 **Search for Top Squark Pair Production in Compressed-Mass-Spectrum Scenarios in Proton–Proton Collisions at s=8 TeV Using the αT Variable**

28 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 767, 403-430

https://exaly.com/article/66576062

56 **Search for Narrow Resonances in Dilepton Mass Spectra in Proton–Proton Collisions at s=13TeV and Combination With 8 TeV Data**

92 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 768, 57-80

https://exaly.com/article/66576063

57 **Search for Dijet Resonances in Proton–Proton Collisions at s=13TeV and Constraints on Dark Matter and Other Models**

125 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 769, 520-542

https://exaly.com/article/66576065

58 **Search for Heavy Resonances Decaying Into a Vector Boson and a Higgs Boson in Final States With Charged Leptons, Neutrinos, and b Quarks**

31 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 768, 137-162

https://exaly.com/article/66592302

59 **Observation of Charge-Dependent Azimuthal Correlations in p–Pb Collisions and Its Implication for the Search for the Chiral Magnetic Effect**

141 citations

Physical Review Letters · 118, 122301

https://exaly.com/article/66598275

60 **Evidence for Collectivity in Pp Collisions at the LHC**

427 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 765, 193-220

https://exaly.com/article/66756334

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2017 / continued

61 Search for New Physics in the Monophoton Final State in Proton-Proton Collisions at s=13 √s=13 TeV

21 citations

Journal of High Energy Physics · 2017, 1-38

https://exaly.com/article/66909001

62 Pseudorapidity Dependence of Long-Range Two-Particle Correlations in pPb Collisions at √(s_(NN))=5.02 TeV

22 citations

Physical Review C · 96, 014915

https://exaly.com/article/66919382

63 Measurement of Inclusive Jet Cross Sections in Pp and PbPb Collisions at √(s_(NN))=2.76 TeV

116 citations

Physical Review C · 96, 015202

https://exaly.com/article/66919383

64 Measurement of Double-Differential Cross Sections for Top Quark Pair Production in Pp Collisions at √s = 8 s = 8 TeV TeV and Impact on Parton Distribution Functions

80 citations

European Physical Journal C · 77, 1-45

https://exaly.com/article/66920199

65 Measurement of the Jet Mass in Highly Boosted Tt̄ Events From Pp Collisions at √s=8 TeV

37 citations

European Physical Journal C · 77, 1-28

https://exaly.com/article/66920201

66 Search for Supersymmetry in the All-Hadronic Final State Using Top Quark Tagging in Pp Collisions at s=13 TeV

28 citations

Physical Review D

https://exaly.com/article/66922953

67 Measurement of the Top Quark Mass in the Dileptonic Tt̄ Decay Channel Using the Mass Observables M_(Bℓ), M_(T2), and M_(Bℓν) in Pp Collisions at √(s)=8 TeV

23 citations

Physical Review D · 96, 032002

https://exaly.com/article/66922954

68 Search for Charged Higgs Bosons Produced via Vector Boson Fusion and Decaying Into a Pair of W and Z Bosons Using Pp Collisions at √(s)=13 TeV

64 citations

Physical Review Letters · 119, 141802

https://exaly.com/article/66932669

69 Study of Jet Quenching With Z+Jet Correlations in Pb-Pb and Pp Collisions at Sqrt[s]_(NN)=5.02 TeV.

61 citations

Physical Review Letters · 119, 082301

https://exaly.com/article/66967180

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2017 / continued

70 Search for Standard Model Production of Four Top Quarks in Proton–Proton Collisions at s=13 TeV

17 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 772, 336-358

https://exaly.com/article/67104366

71 Charged-Particle Nuclear Modification Factors in PbPb and pPb Collisions at sNN=5.02 √=5.02 TeV

170 citations

Journal of High Energy Physics · 2017, 1-45

https://exaly.com/article/67123667

72 Measurement of the Mass Difference Between Top Quark and Antiquark in Pp Collisions at s=8 TeV

12 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 770, 50-71

https://exaly.com/article/67140527

73 Search for Anomalous Couplings in Boosted WW/WZ→ℓνqq¯ Production in Proton–Proton Collisions at s=8TeV

43 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 772, 21-42

https://exaly.com/article/67140568

74 Search for Supersymmetry in Events With Photons and Missing Transverse Energy in Pp Collisions at 13 TeV

7 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 769, 391-412

https://exaly.com/article/67159358

75 Search for Heavy Gauge W' Bosons in Events With an Energetic Lepton and Large Missing Transverse Momentum at s=13 TeV

47 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 770, 278-301

https://exaly.com/article/67180460

76 Measurements of the Charm Jet Cross Section and Nuclear Modification Factor in pPb Collisions at sNN=5.02TeV

33 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 772, 306-329

https://exaly.com/article/67180531

77 Search for High-Mass Zγ Resonances in Proton–Proton Collisions at s=8 and 13 TeV Using Jet Substructure Techniques

17 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 772, 363-387

https://exaly.com/article/67180537

78 Coherent J/ψ Photoproduction in Ultra-Peripheral PbPb Collisions at sNN=2.76TeV With the CMS Experiment

130 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 772, 489-511

https://exaly.com/article/67180542

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79 Search for Single Production of Vector-Like Quarks Decaying Into a b Quark and a W Boson in Proton–Proton Collisions at s=13TeV

42 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 772, 634-656

https://exaly.com/article/67233829

80 Cross Section Measurement of t-Channel Single Top Quark Production in Pp Collisions at s=13TeV

68 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 772, 752-776

https://exaly.com/article/67233850

81 Measurement of Differential Cross Sections for Top Quark Pair Production Using the Lepton+Jets Final State in Proton-Proton Collisions at 13 TeV

130 citations

Physical Review D · 95, 092001

https://exaly.com/article/67296191

82 Search for Associated Production of Dark Matter With a Higgs Boson Decaying to Bb^{-} Bōr γγ at s=13 √s=13 TeV

16 citations

Journal of High Energy Physics · 2017, 1-48

https://exaly.com/article/67364492

83 Observation of Υ(1S) Pair Production in Proton-Proton Collisions at s=8 √s=8 TeV

73 citations

Journal of High Energy Physics · 2017, 1-34

https://exaly.com/article/67378037

84 Search for Anomalous Wtb Couplings and Flavour-Changing Neutral Currents in t-Channel Single Top Quark Production in Pp Collisions at s=7 √s=7 and 8 TeV

40 citations

Journal of High Energy Physics · 2017, 1-45

https://exaly.com/article/67378047

85 Search for Single Production of Vector-Like Quarks Decaying to a Z Boson and a Top or a Bottom Quark in Proton-Proton Collisions at s=13 √s=13 TeV

15 citations

Journal of High Energy Physics · 2017, 1-37

https://exaly.com/article/67382503

86 Measurement of the Semileptonic Tt^{-} $t\bar{+}$ γ Production Cross Section in Pp Collisions at s=8 √s=8 TeV

12 citations

Journal of High Energy Physics · 2017, 1-42

https://exaly.com/article/67402798

87 Measurements of the Pp → Wγγ and Pp → Zγγ Cross Sections and Limits on Anomalous Quartic Gauge Couplings at s=8 √s=8 TeV

12 citations

Journal of High Energy Physics · 2017, 1-36

https://exaly.com/article/67402799

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2017 / continued

88 Mechanical Stability of the CMS Strip Tracker Measured With a Laser Alignment System — 0 citations

Journal of Instrumentation · 12, P04023

https://exaly.com/article/67412736

89 Measurements of Differential Production Cross Sections for a Z Boson in Association With Jets in Pp Collisions at s=8 √s=8 TeV — 18 citations

Journal of High Energy Physics · 2017, 1-70

https://exaly.com/article/67445281

90 Search for Leptophobic Z' Bosons Decaying Into Four-Lepton Final States in Proton–Proton Collisions at s=8TeV — 10 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 773, 563-584

https://exaly.com/article/67458044

91 Search for Black Holes and Other New Phenomena in High-Multiplicity Final States in Proton–Proton Collisions at s=13TeV — 30 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 774, 279-307

https://exaly.com/article/67458085

92 Search for Heavy Resonances Decaying to Tau Lepton Pairs in Proton-Proton Collisions at s=13 √s=13 TeV — 29 citations

Journal of High Energy Physics · 2017, 1-35

https://exaly.com/article/67473371

93 Search for Electroweak Production of a Vector-Like Quark Decaying to a Top Quark and a Higgs Boson Using Boosted Topologies in Fully Hadronic Final States — 17 citations

Journal of High Energy Physics · 2017, 1-36

https://exaly.com/article/67490220

94 Measurements of Differential Cross Sections for Associated Production of a W Boson and Jets in Proton-Proton Collisions at √(s)=8 TeV — 19 citations

Physical Review D · 95, 052002

https://exaly.com/article/67500408

95 Measurement of the Transverse Momentum Spectra of Weak Vector Bosons Produced in Proton-Proton Collisions at s = 8 √s=8 TeV — 30 citations

Journal of High Energy Physics · 2017, 1-44

https://exaly.com/article/67525569

96 Measurement of the Differential Inclusive B+ Hadron Cross Sections in Pp Collisions at s=13 TeV — 45 citations

Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics · 771, 435-456

https://exaly.com/article/67541875

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2017 / continued

97 Suppression and Azimuthal Anisotropy of Prompt and Nonprompt J/ψ Production in PbPb Collisions at √(s_(_(NN))) =2.76 TeV — 106 citations

European Physical Journal C · 77, 1-33

https://exaly.com/article/67588214

98 Searches for Pair Production of Third-Generation Squarks in s=13√s=13 TeVTeV Pp Collisions — 36 citations

European Physical Journal C · 77, 1-39

https://exaly.com/article/67588268

99 Measurement of the Top Quark Mass Using Single Top Quark Events in Proton-Proton Collisions at s=8√s= 8 TeV — 30 citations

European Physical Journal C · 77, 1-25

https://exaly.com/article/67588314

100 Relative Modification of Prompt ψ(2S) and J/ψ Yields From Pp to PbPb Collisions at √(s_(NN))=5.02 TeV — 39 citations

Physical Review Letters · 118, 162301

https://exaly.com/article/67619373

101 Searches for Invisible Decays of the Higgs Boson in Pp Collisions at s √s = 7, 8, and 13 TeV — 102 citations

Journal of High Energy Physics · 2017, 1-56

https://exaly.com/article/67620907

102 Search for Massive Resonances Decaying Into WW, WZ or ZZ Bosons in Proton-Proton Collisions at s=13 √s=13 TeV — 25 citations

Journal of High Energy Physics · 2017, 1-56

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103 Measurement of Electroweak-Induced Production of Wγ With Two Jets in Pp Collisions at s = 8 √s=8 TeV and Constraints on Anomalous Quartic Gauge Couplings — 24 citations

Journal of High Energy Physics · 2017, 1-42

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104 Measurement of the Inclusive Energy Spectrum in the Very Forward Direction in Proton-Proton Collisions at s=13 √s=13 TeV — 9 citations

Journal of High Energy Physics · 2017, 1-31

https://exaly.com/article/67873342

105 Search for Higgs Boson Pair Production in the Bbττ Final State in Proton-Proton Collisions at √(()s)=8 TeV — 47 citations

Physical Review D · 96, 072004

https://exaly.com/article/67882438

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2017 / continued

106 Measurement of Charged Pion, Kaon, and Proton Production in Proton-Proton Collisions at √(s)=13 TeV

62 citations

Physical Review D · 96, 112003

https://exaly.com/article/67885987

107 Search for Top Quark Decays via Higgs-Boson-Mediated Flavor-Changing Neutral Currents in Pp Collisions at s=8 √s=8 TeV

21 citations

Journal of High Energy Physics · 2017, 1-44

https://exaly.com/article/67921937

108 Measurement of the Tt¯ tP̄roduction Cross Section Using Events With One Lepton and at Least One Jet in Pp Collisions at s=13 √s=13 TeV

18 citations

Journal of High Energy Physics · 2017, 1-40

https://exaly.com/article/67923869

109 Search for a Heavy Resonance Decaying to a Top Quark and a Vector-Like Top Quark at s = 13 √s=13 TeV

6 citations

Journal of High Energy Physics · 2017, 1-42

https://exaly.com/article/67923870

110 Search for Light Bosons in Decays of the 125 GeV Higgs Boson in Proton-Proton Collisions at s=8 √s=8 TeV

31 citations

Journal of High Energy Physics · 2017, 1-53

https://exaly.com/article/67944015

111 Measurements of Jet Charge With Dijet Events in Pp Collisions at s=8 √s=8 TeV

26 citations

Journal of High Energy Physics · 2017, 1-42

https://exaly.com/article/67944018

112 Search for Associated Production of a Z Boson With a Single Top Quark and for tZ Flavour-Changing Interactions in Pp Collisions at s=8 √s=8 TeV

29 citations

Journal of High Energy Physics · 2017, 1-43

https://exaly.com/article/67948065

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61 citations

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6 citations

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23 citations

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47 citations

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17 citations

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13 citations

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52 citations

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17 citations

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8 citations

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34 citations
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18 citations

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16 citations

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247 citations

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92 citations

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91 citations

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48 citations

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39 citations

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35 citations

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15 citations

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23 citations

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