Christian George

List of Publications by Year
in descending order

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279	16,481	22153	22832
papers	citations	59	112
		h-index	g-index

323	323	323	16016
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Suppression of anthropogenic secondary organic aerosol formation by isoprene. Npj Climate and Atmospheric Science, 2022, 5, .	6.8	9
2	Photodissociation of particulate nitrate as a source of daytime tropospheric Cl2. Nature Communications, 2022, 13, 939.	12.8	26
3	Nitrogen-Containing Compounds Enhance Light Absorption of Aromatic-Derived Brown Carbon. Environmental Science & Technology, 2022, 56, 4005-4016.	10.0	19
4	Atmospheric Nitrous Acid Measurement in the French Landes Forest. ACS Earth and Space Chemistry, 2022, 6, 25-33.	2.7	2
5	Indoor heterogeneous photochemistry of molds and their contribution to HONO formation. Indoor Air, 2022, 32, .	4.3	3
6	Formation of Secondary Nitroaromatic Compounds in Polluted Urban Environments. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	11
7	Field Detection of Highly Oxygenated Organic Molecules in Shanghai by Chemical Ionizationâ€“Orbitrap. Environmental Science & Technology, 2022, 56, 7608-7617.	10.0	11
8	Evolution of light absorption properties during photochemical aging of straw open burning aerosols. Science of the Total Environment, 2022, 838, 156431.	8.0	4
9	Pathogenic Mechanisms of Secondary Organic Aerosols. Chemical Research in Toxicology, 2022, 35, 1146-1161.	3.3	7
10	A novel pathway of atmospheric sulfate formation through carbonate radicals. Atmospheric Chemistry and Physics, 2022, 22, 9175-9197.	4.9	6
11	Atmospheric photochemistry and secondary aerosol formation of urban air in Lyon, France. Journal of Environmental Sciences, 2021, 99, 311-323.	6.1	15
12	Indoor heterogeneous photochemistry of furfural drives emissions of nitrous acid. Indoor Air, 2021, 31, 682-692.	4.3	10
13	Superoxide and Nitrous Acid Production from Nitrate Photolysis Is Enhanced by Dissolved Aliphatic Organic Matter. Environmental Science and Technology Letters, 2021, 8, 53-58.	8.7	24
14	Decrease in sulfate aerosol light backscattering by reactive uptake of isoprene epoxydiols. Physical Chemistry Chemical Physics, 2021, 23, 5927-5935.	2.8	7
15	Quenching of ketone triplet excited states by atmospheric halides. Environmental Science Atmospheres, 2021, 1, 31-44.	2.4	9
16	Optical Properties of Secondary Organic Aerosol Produced by Nitrate Radical Oxidation of Biogenic Volatile Organic Compounds. Environmental Science & Technology, 2021, 55, 2878-2889.	10.0	35
17	Orbitool: a software tool for analyzing online Orbitrap mass spectrometry data. Atmospheric Measurement Techniques, 2021, 14, 2377-2387.	3.1	6
18	Evaluation of the Toxicity on Lung Cells of By-Products Present in Naphthalene Secondary Organic Aerosols. Life, 2021, 11, 319.	2.4	7

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19	Anthropogenicâ€“Biogenic Interactions at Night: Enhanced Formation of Secondary Aerosols and Particulate Nitrogen- and Sulfur-Containing Organics from Î²-Pinene Oxidation. Environmental Science & Technology, 2021, 55, 7794-7807.	10.0	19
20	Elucidating an Atmospheric Brown Carbon Speciesâ€”Toward Supplanting Chemical Intuition with Exhaustive Enumeration and Machine Learning. Environmental Science & Technology, 2021, 55, 8447-8457.	10.0	6
21	High Pressure Inside Nanometer-Sized Particles Influences the Rate and Products of Chemical Reactions. Environmental Science & Technology, 2021, 55, 7786-7793.	10.0	12
22	PM_{1.0}-Nitrite Heterogeneous Formation Demonstrated via a Modified Versatile Aerosol Concentration Enrichment System Coupled with Ion Chromatography. Environmental Science & Technology, 2021, 55, 9794-9804.	10.0	6
23	Naphthaleneâ€Derived Secondary Organic Aerosols Interfacial Photosensitizing Properties. Geophysical Research Letters, 2021, 48, e2021GL093465.	4.0	6
24	Differences in Photosensitized Release of VOCs from Illuminated Seawater versus Freshwater Surfaces. ACS Earth and Space Chemistry, 2021, 5, 2233-2242.	2.7	9
25	Measurement of heterogeneous uptake of NO2 on inorganic particles, sea water and urban grime. Journal of Environmental Sciences, 2021, 106, 124-135.	6.1	17
26	Measurement report: Biogenic volatile organic compound emission profiles of rapeseed leaf litter and its secondary organic aerosol formation potential. Atmospheric Chemistry and Physics, 2021, 21, 12613-12629.	4.9	4
27	The Toxic Effect of Water-Soluble Particulate Pollutants from Biomass Burning on Alveolar Lung Cells. Atmosphere, 2021, 12, 1023.	2.3	3
28	Structures and reactivity of peroxy radicals and dimeric products revealed by online tandem mass spectrometry. Nature Communications, 2021, 12, 300.	12.8	28
29	Overestimation of Monoterpene Organosulfate Abundance in Aerosol Particles by Sampling in the Presence of SO₂. Environmental Science and Technology Letters, 2021, 8, 206-211.	8.7	15
30	An unexpected large continental source of reactive bromine and chlorine with significant impact on wintertime air quality. National Science Review, 2021, 8, nwaa304.	9.5	42
31	Secondary Inorganic Ions Characteristics in PM_{2.5} Along Offshore and Coastal Areas of the Megacity Shanghai. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035139.	3.3	9
32	Contribution of Vehicle Emission and NO₂ Surface Conversion to Nitrous Acid (HONO) in Urban Environments: Implications from Tests in a Tunnel. Environmental Science & Technology, 2021, 55, 15616-15624.	10.0	22
33	Formation of Secondary Brown Carbon in Biomass Burning Aerosol Proxies through NO₃ Radical Reactions. Environmental Science & Technology, 2020, 54, 1395-1405.	10.0	96
34	Preface. Journal of Environmental Sciences, 2020, 95, 1.	6.1	0
35	Chemical Characteristics and Brown Carbon Chromophores of Atmospheric Organic Aerosols Over the Yangtze River Channel: A Cruise Campaign. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032497.	3.3	16
36	Production of Peroxy Radicals from the Photochemical Reaction of Fatty Acids at the Airâ€“Water Interface. ACS Earth and Space Chemistry, 2020, 4, 1247-1253.	2.7	9

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37	Capability of CI-Orbitrap for Gas-Phase Analysis in Atmospheric Chemistry: A Comparison with the CI-APi-TOF Technique. Analytical Chemistry, 2020, 92, 8142-8150.	6.5	19
38	Understanding the Interfacial Behavior of Typical Perfluorocarboxylic Acids at Surfactantâ€Coated Aqueous Interfaces. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032182.	3.3	9
39	Marine organic matter in the remote environment of the Cape Verde islands â€“ an introduction and overview to the MarParCloud campaign. Atmospheric Chemistry and Physics, 2020, 20, 6921-6951.	4.9	21
40	Online Aerosol Chemical Characterization by Extractive Electrospray Ionizationâ€“Ultrahigh-Resolution Mass Spectrometry (EESI-Orbitrap). Environmental Science & Technology, 2020, 54, 3871-3880.	10.0	25
41	Environmental Processing of Short-Chain Fatty Alcohols Induced by Photosensitized Chemistry of Brown Carbons. ACS Earth and Space Chemistry, 2020, 4, 631-640.	2.7	14
42	Influence of indoor chemistry on the emission of mVOCs from Aspergillus niger molds. Science of the Total Environment, 2020, 741, 140148.	8.0	12
43	Seawater analysis by ambient mass-spectrometry-based seaomics. Atmospheric Chemistry and Physics, 2020, 20, 6243-6257.	4.9	3
44	Complexation of Fe(III)/Catechols in atmospheric aqueous phase and the consequent cytotoxicity assessment in human bronchial epithelial cells (BEAS-2B). Ecotoxicology and Environmental Safety, 2020, 202, 110898.	6.0	10
45	Atmospheric Photosensitization: A New Pathway for Sulfate Formation. Environmental Science & Technology, 2020, 54, 3114-3120.	10.0	65
46	Photoinduced Production of Chlorine Molecules from Titanium Dioxide Surfaces Containing Chloride. Environmental Science and Technology Letters, 2020, 7, 70-75.	8.7	12
47	Phase Transformations of Liquid Drops Containing Mineral Dust and Organic Compound (Citric Acid). Crystal Growth and Design, 2019, 19, 4619-4624.	3.0	2
48	Enhanced heterogeneous uptake of sulfur dioxide on mineral particles through modification of iron speciation during simulated cloud processing. Atmospheric Chemistry and Physics, 2019, 19, 12569-12585.	4.9	18
49	Photochemical aging of atmospherically reactive organic compounds involving brown carbon at the airâ€“aqueous interface. Atmospheric Chemistry and Physics, 2019, 19, 9887-9902.	4.9	12
50	Chemical Characterization of Cloudwater Collected at Puy de DÃ´me by FT-ICR MS Reveals the Presence of SOA Components. ACS Earth and Space Chemistry, 2019, 3, 2076-2087.	2.7	21
51	Alterations in the surface properties of sea spray aerosols introduced by the presence of sterols. Science of the Total Environment, 2019, 671, 1161-1169.	8.0	3
52	CI-Orbitrap: An Analytical Instrument To Study Atmospheric Reactive Organic Species. Analytical Chemistry, 2019, 91, 9419-9423.	6.5	25
53	Heterogeneous photochemistry of dicarboxylic acids on mineral dust. Atmospheric Environment, 2019, 212, 262-271.	4.1	16
54	Formation features of nitrous acid in the offshore area of the East China Sea. Science of the Total Environment, 2019, 682, 138-150.	8.0	25

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55	Organosulfur Compounds Formed from Heterogeneous Reaction between SO₂ and Particulate-Bound Unsaturated Fatty Acids in Ambient Air. Environmental Science and Technology Letters, 2019, 6, 318-322.	8.7	34
56	Formation of Light-Absorbing Organosulfates during Evaporation of Secondary Organic Material Extracts in the Presence of Sulfuric Acid. ACS Earth and Space Chemistry, 2019, 3, 947-957.	2.7	38
57	Real-Time Detection of Gas-Phase Organohalogens from Aqueous Photochemistry Using Orbitrap Mass Spectrometry. ACS Earth and Space Chemistry, 2019, 3, 329-334.	2.7	15
58	Visualizing reaction and diffusion in xanthan gum aerosol particles exposed to ozone. Physical Chemistry Chemical Physics, 2019, 21, 20613-20627.	2.8	15
59	Soil ozone deposition: Dependence of soil resistance to soil texture. Atmospheric Environment, 2019, 199, 202-209.	4.1	13
60	Insights into the Headgroup and Chain Length Dependence of Surface Characteristics of Organic-Coated Sea Spray Aerosols. ACS Earth and Space Chemistry, 2019, 3, 571-580.	2.7	15
61	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at $$sqrt{s}=7$$ $$,ext {TeV}$$. European Physical Journal C, 2018, 78, 242.	3.9	10
62	Pseudorapidity distributions of charged hadrons in proton-lead collisions at s N N = 5.02 $$ sqrt{s_{mathrm{NN}}}=5.02 $$ and 8.16 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
63	Search for resonant and nonresonant Higgs boson pair production in the b b Â¯ â„“Î½â„“Î½ $$ mathrm{b}overline{mathrm{b}}mathit{ell u ell u } $$ final state in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	36
64	Measurements of the $$mathrm {p}mathrm {p}ightarrow mathrm{Z}mathrm{Z}$$ p p â† ’ Z Z production cross section and the $$mathrm{Z}ightarrow 4ell $$ Z â† ’ 4 â„“ branching fraction, and constraints on anomalous triple gauge couplings at. European Physical Journal C, 2018, 78, 165.	3.9	52
65	Measurement of associated Z + charm production in protonâ€“proton collisions at $$sqrt{s} = 8$$ s = 8 $$,ext {TeV}$$ TeV. European Physical Journal C, 2018, 78, 287.	3.9	16
66	Measurement of the inclusive $$ mathrm{t}overline{mathrm{t}} $$ cross section in pp collisions at $$ sqrt{s}=5.02 $$ TeV using final states with at least one charged lepton. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
67	Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	0
68	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
69	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
70	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	63
71	Measurement of differential cross sections in the kinematic angular variable Ï•* for inclusive Z boson production in pp collisions at $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
72	Measurement of normalized differential $$ mathrm{t}overline{mathrm{t}} $$ cross sections in the dilepton channel from pp collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	18

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73	Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
74	Kinetics and Product Formation during the Photooxidation of Butanol on Atmospheric Mineral Dust. Environmental Science & Technology, 2018, 52, 5191-5198.	10.0	28
75	Bed flow photoreactor experiments to assess the photocatalytic nitrogen oxides abatement under simulated atmospheric conditions. Applied Catalysis B: Environmental, 2018, 231, 161-172.	20.2	29
76	Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	19
77	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
78	Search for lepton flavour violating decays of the Higgs boson to Î¼Ï„ and eÏ„ in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	29
79	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
80	Interfacial photochemistry at the ocean surface is a global source of organic vapors and aerosols. Nature Communications, 2018, 9, 2101.	12.8	60
81	Interfacial Photochemistry. , 2018, , 435-457.		9
82	Photodegradation of methyl thioglycolate particles as a proxy for organosulphur containing droplets. Physical Chemistry Chemical Physics, 2018, 20, 19416-19423.	2.8	2
83	Well-defined palladiumâ€“ceria interfacial electronic effects trigger CO oxidation. Chemical Communications, 2018, 54, 10140-10143.	4.1	25
84	Measurement of b hadron lifetimes in pp collisions at $$sqrt{s} = 8$$ s = 8 $$,ext {Te}ext {V}$$ TeV. European Physical Journal C, 2018, 78, 457.	3.9	15
85	Particle-Phase Photosensitized Radical Production and Aerosol Aging. Environmental Science & Technology, 2018, 52, 7680-7688.	10.0	45
86	Measurements of the (mathrm {p}mathrm {p}ightarrow mathrm{Z}mathrm{Z}) production cross section and the (mathrm{Z}ightarrow 4ell) branching fraction, and constraints on anomalous triple gauge couplings at (sqrt{s} = 13,ext {TeV}). , 2018, 78, 1.		3
87	Measurement of b hadron lifetimes in pp collisions at (sqrt{s} = 8) (,ext {Te}ext {V}). , 2018, 78, 1.		1
88	UV photochemistry of carboxylic acids at the airâ€sea boundary: A relevant source of glyoxal and other oxygenated VOC in the marine atmosphere. Geophysical Research Letters, 2017, 44, 1079-1087.	4.0	44
89	Kinetics and mechanism of the photocatalytic degradation of acetic acid in absence or presence of O 2. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 339, 80-88.	3.9	25
90	The Essential Role for Laboratory Studies in Atmospheric Chemistry. Environmental Science & Technology, 2017, 51, 2519-2528.	10.0	75

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91	Measurement of the $$mathrm{t}overline{mathrm{t}} $$ t t Â¯ production cross section using events in the $$mathrm {e}mu $$ e Î¼ final state in pp collisions at $$sqrt{s}=13,ext {TeV} $$ s = 13 TeV. European Physical Journal C, 2017, 77, 172.	3.9	40
92	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV and cross section ratios to 2.76 and 7 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	54
93	Synergistic effect of nitrate-doped TiO2 aerosols on the fast photochemical oxidation of formaldehyde. Scientific Reports, 2017, 7, 1161.	3.3	11
94	Search for electroweak production of charginos in final states with two Ï„ leptons in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
95	Measurement of the production cross section of a WÂboson in association with two b jets in pp collisions at $$sqrt{s} = 8{,mathrm{{TeV}}} $$ s = 8 TeV. European Physical Journal C, 2017, 77, 92.	3.9	16
96	Measurement of the WZ production cross section in pp collisions at $$sqrt{s} = 7$$ s = 7 and 8 $$,ext{TeV}$$ TeV and search for anomalous triple gauge couplings at $$sqrt{s} = 8,ext{TeV} $$ s = 8 TeV. European Physical Journal C, 2017, 77, 236.	3.9	37
97	Measurement of prompt and nonprompt $$mathrm{J}/{psi }$$ J / Ïˆ production in $$mathrm {p}mathrm {p}$$ p p and $$mathrm {p}mathrm {Pb}$$ p Pb collisions at $$sqrt{s_{mathrm {NN}}} =5.02,ext {TeV} $$ s. European Physical Journal C, 2017, 77, 269.	3.9	53
98	A search for new phenomena in pp collisions at $$sqrt{s} = 13,ext {TeV} $$ s = 13 TeV in final states with missing transverse momentum and at least one jet using the $$alpha _{mathrm {T}}$$ Î± T variable. European Physical Journal C, 2017, 77, 294.	3.9	29
99	Primary particulate emissions and secondary organic aerosol (SOA) formation from idling diesel vehicle exhaust in China. Science of the Total Environment, 2017, 593-594, 462-469.	8.0	53
100	Interfacial photochemistry of biogenic surfactants: a major source of abiotic volatile organic compounds. Faraday Discussions, 2017, 200, 59-74.	3.2	42
101	Secondary organic aerosol formation from photo-oxidation of toluene with NO x and SO 2 : Chamber simulation with purified air versus urban ambient air as matrix. Atmospheric Environment, 2017, 150, 67-76.	4.1	36
102	Fatty Acid Surfactant Photochemistry Results in New Particle Formation. Scientific Reports, 2017, 7, 12693.	3.3	37
103	Chemical Characteristics of Organic Aerosols in Shanghai: A Study by Ultrahighâ€Performance Liquid Chromatography Coupled With Orbitrap Mass Spectrometry. Journal of Geophysical Research D: Atmospheres, 2017, 122, 11,703.	3.3	82
104	Search for new physics in the monophoton final state in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
105	Measurement of double-differential cross sections for top quark pair production in pp collisions at $$sqrt{s} = 8$$ s = 8 $$,ext {TeV}$$ TeV and impact on parton distribution functions. European Physical Journal C, 2017, 77, 459.	3.9	52
106	Leakage Rates of Refrigerants CFC-12, HCFC-22, and HFC-134a from Operating Mobile Air Conditioning Systems in Guangzhou, China: Tests inside a Busy Urban Tunnel under Hot and Humid Weather Conditions. Environmental Science and Technology Letters, 2017, 4, 481-486.	8.7	10
107	Time-resolved monitoring of polycyclic aromatic hydrocarbons adsorbed on atmospheric particles. Environmental Science and Pollution Research, 2017, 24, 19517-19523.	5.3	3
108	Charged-particle nuclear modification factors in PbPb and pPb collisions at s N N = 5.02 $$ sqrt{s_{mathrm{N};mathrm{N}}}=5.02 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	103

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109	Search for t t Â¯ $$ mathrm{t}overline{mathrm{t}} $$ resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
110	Atmospheric chemistry and the biosphere: general discussion. Faraday Discussions, 2017, 200, 195-228.	3.2	1
111	Atmospheric chemistry processes: general discussion. Faraday Discussions, 2017, 200, 353-378.	3.2	0
112	Search for associated production of dark matter with a Higgs boson decaying to b b Â¯ $$ mathrm{b}overline{mathrm{b}} $$ or Î³Î³ at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
113	Observation of Υ(1S) pair production in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	48
114	Search for anomalous Wtb couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at s = 7 $$ sqrt{s}=7 $$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	35
115	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 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	13
116	Measurement of the semileptonic t t Â¯ $$ mathrm{t}overline{mathrm{t}} $$ + Î³ production cross section in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
117	Measurements of the pp â†' WÎ³Î³ and pp â†' ZÎ³Î³ cross sections and limits on anomalous quartic gauge couplings at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
118	Search for new phenomena with the $$M_{mathrm {T2}}$$ M T 2 variable in the all-hadronic final state produced in protonâ€“proton collisions at $$sqrt{s} = 13$$ s = 13 $$,ext {TeV}$$ TeV. European Physical Journal C, 2017, 77, 710.	3.9	98
119	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
120	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	23
121	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. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
122	Suppression and azimuthal anisotropy of prompt and nonprompt $${mathrm{J}}/psi $$ J / Ï̂ production in PbPb collisions at $$sqrt{{s_{_{ext {NN}}}}} =2.76$$ s NN = 2.76 $$,mathrm{TeV}$$ TeV. European Physical Journal C, 2017, 77, 252.	3.9	82
123	Searches for pair production of third-generation squarks in $$sqrt{s}=13$$ s = 13 $$,ext {TeV}$$ TeV pp collisions. European Physical Journal C, 2017, 77, 327.	3.9	32
124	Measurement of the top quark mass using single top quark events in proton-proton collisions at $$sqrt{s}= 8$$ s = 8 ÂTeV. European Physical Journal C, 2017, 77, 354.	3.9	23
125	Searches for invisible decays of the Higgs boson in pp collisions at s $$ sqrt{s} $$ = 7, 8, and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	95
126	Search for massive resonances decaying into WW, WZ or ZZ bosons in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22

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127	Measurement of electroweak-induced production of WÎ³ with two jets in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV and constraints on anomalous quartic gauge couplings. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
128	Searches for Wâ€² bosons decaying to a top quark and a bottom quark in proton-proton collisions at 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	8
129	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
130	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
131	Search for electroweak production of charginos and neutralinos in WH events in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
132	Search for pair production of vector-like T and B quarks in single-lepton final states using boosted jet substructure in proton-proton collisions at $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	27
133	Search for top squark pair production in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV using single lepton events. Journal of High Energy Physics, 2017, 2017, 1.	4.7	31
134	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
135	Measurement of the t t Â¯ $$ mathrm{t}overline{mathrm{t}} $$ production cross section using events with one lepton and at least one jet in pp collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
136	Search for a heavy resonance decaying to a top quark and a vector-like top quark at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	5
137	Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in protonâ€“proton collisions at $$sqrt{s} = 13,ext {TeV} $$. European Physical Journal C, 2017, 77, 578.	3.9	57
138	Search for top quark partners with charge 5/3 in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	3
139	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	29
140	Measurements of jet charge with dijet events in pp collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
141	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 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	21
142	Search for new physics with dijet angular distributions in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
143	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	62
144	Search for third-generation scalar leptoquarks and heavy right-handed neutrinos in final states with two tau leptons and two jets in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	41

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145	Search for new phenomena with multiple charged leptons in protonâ€“proton collisions at $$sqrt{s}= 13$$ s = 13 $$,ext {TeV}$$ TeV. European Physical Journal C, 2017, 77, 1.	3.9	2
146	Search for high-mass ZÎ³ resonances in e+eâ^'Î³ and Î¼ + Î¼ â^'Î³ final states in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	7
147	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying Ï„ leptons and two jets in proton-proton collisions at s = 13 $$ sqrt{s}=13 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
148	Search for CP violation in t t Â¯ $$ toverline{t} $$ production and decay in proton-proton collisions at s = 8 $$ sqrt{s}=8 $$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	4
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