

# Christian George

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

283 papers	12,690 citations	53 h-index	104 g-index
323 ext. papers	14,584 ext. citations	6.8 avg, IF	5.94 L-index

#	Paper	IF	Citations
283	Photodissociation of particulate nitrate as a source of daytime tropospheric Cl.. <i>Nature Communications</i> , <b>2022</b> , 13, 939	17.4	2
282	Atmospheric Nitrous Acid Measurement in the French Landes Forest. <i>ACS Earth and Space Chemistry</i> , <b>2022</b> , 6, 25-33	3.2	1
281	Evolution of light absorption properties during photochemical aging of straw open burning aerosols. <i>Science of the Total Environment</i> , <b>2022</b> , 838, 156431	10.2	0
280	Contribution of Vehicle Emission and NO Surface Conversion to Nitrous Acid (HONO) in Urban Environments: Implications from Tests in a Tunnel. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 15616-15624	10.3	1
279	Secondary Inorganic Ions Characteristics in PM2.5 Along Offshore and Coastal Areas of the Megacity Shanghai. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2021JD035139	4.4	2
278	Overestimation of Monoterpene Organosulfate Abundance in Aerosol Particles by Sampling in the Presence of SO2. <i>Environmental Science and Technology Letters</i> , <b>2021</b> , 8, 206-211	11	6
277	An unexpected large continental source of reactive bromine and chlorine with significant impact on wintertime air quality. <i>National Science Review</i> , <b>2021</b> , 8, nwaa304	10.8	10
276	Orbitool: a software tool for analyzing online Orbitrap mass spectrometry data. <i>Atmospheric Measurement Techniques</i> , <b>2021</b> , 14, 2377-2387	4	1
275	Evaluation of the Toxicity on Lung Cells of By-Products Present in Naphthalene Secondary Organic Aerosols. <i>Life</i> , <b>2021</b> , 11,	3	3
274	Anthropogenic-Biogenic Interactions at Night: Enhanced Formation of Secondary Aerosols and Particulate Nitrogen- and Sulfur-Containing Organics from $\alpha$ -Pinene Oxidation. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 7794-7807	10.3	6
273	Elucidating an Atmospheric Brown Carbon Species-Toward Supplanting Chemical Intuition with Exhaustive Enumeration and Machine Learning. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 8447-8457	10.3	1
272	High Pressure Inside Nanometer-Sized Particles Influences the Rate and Products of Chemical Reactions. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 7786-7793	10.3	4
271	PM-Nitrite Heterogeneous Formation Demonstrated via a Modified Versatile Aerosol Concentration Enrichment System Coupled with Ion Chromatography. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 9794-9804	10.3	3
270	Atmospheric photochemistry and secondary aerosol formation of urban air in Lyon, France. <i>Journal of Environmental Sciences</i> , <b>2021</b> , 99, 311-323	6.4	8
269	Indoor heterogeneous photochemistry of furfural drives emissions of nitrous acid. <i>Indoor Air</i> , <b>2021</b> , 31, 682-692	5.4	1
268	Superoxide and Nitrous Acid Production from Nitrate Photolysis Is Enhanced by Dissolved Aliphatic Organic Matter. <i>Environmental Science and Technology Letters</i> , <b>2021</b> , 8, 53-58	11	8
267	Decrease in sulfate aerosol light backscattering by reactive uptake of isoprene epoxydiols. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 5927-5935	3.6	3

266	Quenching of ketone triplet excited states by atmospheric halides. <i>Environmental Science Atmospheres</i> , <b>2021</b> , 1, 31-44		2
265	Optical Properties of Secondary Organic Aerosol Produced by Nitrate Radical Oxidation of Biogenic Volatile Organic Compounds. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 2878-2889	10.3	10
264	Naphthalene-Derived Secondary Organic Aerosols Interfacial Photosensitizing Properties. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL093465	4.9	0
263	Differences in Photosensitized Release of VOCs from Illuminated Seawater versus Freshwater Surfaces. <i>ACS Earth and Space Chemistry</i> , <b>2021</b> , 5, 2233-2242	3.2	2
262	Measurement of heterogeneous uptake of NO on inorganic particles, sea water and urban grime. <i>Journal of Environmental Sciences</i> , <b>2021</b> , 106, 124-135	6.4	5
261	Measurement report: Biogenic volatile organic compound emission profiles of rapeseed leaf litter and its secondary organic aerosol formation potential. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 12613-12629	6.8	29
260	The Toxic Effect of Water-Soluble Particulate Pollutants from Biomass Burning on Alveolar Lung Cells. <i>Atmosphere</i> , <b>2021</b> , 12, 1023	2.7	1
259	Structures and reactivity of peroxy radicals and dimeric products revealed by online tandem mass spectrometry. <i>Nature Communications</i> , <b>2021</b> , 12, 300	17.4	7
258	Capability of CI-Orbitrap for Gas-Phase Analysis in Atmospheric Chemistry: A Comparison with the CI-API-TOF Technique. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 8142-8150	7.8	5
257	Understanding the Interfacial Behavior of Typical Perfluorocarboxylic Acids at Surfactant-Coated Aqueous Interfaces. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 125, e2019JD032182	4.4	4
256	Marine organic matter in the remote environment of the Cape Verde islands: An introduction and overview to the MarParCloud campaign. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 6921-6951	6.8	14
255	Online Aerosol Chemical Characterization by Extractive Electrospray Ionization-Ultrahigh-Resolution Mass Spectrometry (EESI-Orbitrap). <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 3871-3880	10.3	13
254	Environmental Processing of Short-Chain Fatty Alcohols Induced by Photosensitized Chemistry of Brown Carbons. <i>ACS Earth and Space Chemistry</i> , <b>2020</b> , 4, 631-640	3.2	6
253	Influence of indoor chemistry on the emission of mVOCs from <i>Aspergillus niger</i> molds. <i>Science of the Total Environment</i> , <b>2020</b> , 741, 140148	10.2	6
252	Seawater analysis by ambient mass-spectrometry-based seaomics. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 6243-6257	6.8	2
251	Complexation of Fe(III)/Catechols in atmospheric aqueous phase and the consequent cytotoxicity assessment in human bronchial epithelial cells (BEAS-2B). <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 202, 110898	7	2
250	Atmospheric Photosensitization: A New Pathway for Sulfate Formation. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 3114-3120	10.3	35
249	Photoinduced Production of Chlorine Molecules from Titanium Dioxide Surfaces Containing Chloride. <i>Environmental Science and Technology Letters</i> , <b>2020</b> , 7, 70-75	11	8

248	Formation of Secondary Brown Carbon in Biomass Burning Aerosol Proxies through NO Radical Reactions. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 1395-1405	10.3	56
247	Chemical Characteristics and Brown Carbon Chromophores of Atmospheric Organic Aerosols Over the Yangtze River Channel: A Cruise Campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2020</b> , 125, e2020JD032497	4.4	5
246	Production of Peroxy Radicals from the Photochemical Reaction of Fatty Acids at the Air/Water Interface. <i>ACS Earth and Space Chemistry</i> , <b>2020</b> , 4, 1247-1253	3.2	1
245	Photochemical aging of atmospherically reactive organic compounds involving brown carbon at the air/aqueous interface. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 9887-9902	6.8	6
244	Chemical Characterization of Cloudwater Collected at Puy de Dôme by FT-ICR MS Reveals the Presence of SOA Components. <i>ACS Earth and Space Chemistry</i> , <b>2019</b> , 3, 2076-2087	3.2	11
243	Alterations in the surface properties of sea spray aerosols introduced by the presence of sterols. <i>Science of the Total Environment</i> , <b>2019</b> , 671, 1161-1169	10.2	0
242	CI-Orbitrap: An Analytical Instrument To Study Atmospheric Reactive Organic Species. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 9419-9423	7.8	10
241	Heterogeneous photochemistry of dicarboxylic acids on mineral dust. <i>Atmospheric Environment</i> , <b>2019</b> , 212, 262-271	5.3	7
240	Formation features of nitrous acid in the offshore area of the East China Sea. <i>Science of the Total Environment</i> , <b>2019</b> , 682, 138-150	10.2	13
239	Organosulfur Compounds Formed from Heterogeneous Reaction between SO <sub>2</sub> and Particulate-Bound Unsaturated Fatty Acids in Ambient Air. <i>Environmental Science and Technology Letters</i> , <b>2019</b> , 6, 318-322	11	17
238	Formation of Light-Absorbing Organosulfates during Evaporation of Secondary Organic Material Extracts in the Presence of Sulfuric Acid. <i>ACS Earth and Space Chemistry</i> , <b>2019</b> , 3, 947-957	3.2	23
237	Phase Transformations of Liquid Drops Containing Mineral Dust and Organic Compound (Citric Acid). <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 4619-4624	3.5	1
236	Enhanced heterogeneous uptake of sulfur dioxide on mineral particles through modification of iron speciation during simulated cloud processing. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 12569-12585	6.8	9
235	Insights into the Headgroup and Chain Length Dependence of Surface Characteristics of Organic-Coated Sea Spray Aerosols. <i>ACS Earth and Space Chemistry</i> , <b>2019</b> , 3, 571-580	3.2	3
234	Real-Time Detection of Gas-Phase Organohalogens from Aqueous Photochemistry Using Orbitrap Mass Spectrometry. <i>ACS Earth and Space Chemistry</i> , <b>2019</b> , 3, 329-334	3.2	13
233	Marine organic matter in the remote environment of the Cape Verde Islands [An introduction and overview to the MarParCloud campaign <b>2019</b> ,		3
232	Seawater Analysis by Ambient Mass Spectrometry-Based Seaomics and Implications on Secondary Organic Aerosol Formation <b>2019</b> ,		1
231	Visualizing reaction and diffusion in xanthan gum aerosol particles exposed to ozone. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 20613-20627	3.6	10

230	Soil ozone deposition: Dependence of soil resistance to soil texture. <i>Atmospheric Environment</i> , <b>2019</b> , 199, 202-209	5.3	7
229	Study of dijet events with a large rapidity gap between the two leading jets in pp collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 242	4.2	4
228	Pseudorapidity distributions of charged hadrons in proton-lead collisions at ( $\sqrt{s_{\mathrm{NN}}}=5.02$ ) and 8.16 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
227	Search for resonant and nonresonant Higgs boson pair production in the ( $\mathrm{b}\overline{\mathrm{b}}\mathrm{ell}\nu\mathrm{ell}\nu$ ) final state in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	19
226	Measurements of the production cross section and the branching fraction, and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 165	4.2	29
225	Measurement of associated Z + charm production in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 287	4.2	11
224	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. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	3
223	Search for natural supersymmetry in events with top quark pairs and photons in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	
222	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. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	2
221	Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
220	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	40
219	Measurement of differential cross sections in the kinematic angular variable $\phi^*$ for inclusive Z boson production in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	2
218	Measurement of normalized differential ( $\mathrm{t}\overline{\mathrm{t}}$ ) cross sections in the dilepton channel from pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	12
217	Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	13
216	Kinetics and Product Formation during the Photooxidation of Butanol on Atmospheric Mineral Dust. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 5191-5198	10.3	16
215	Bed flow photoreactor experiments to assess the photocatalytic nitrogen oxides abatement under simulated atmospheric conditions. <i>Applied Catalysis B: Environmental</i> , <b>2018</b> , 231, 161-172	21.8	21
214	Photodegradation of methyl thioglycolate particles as a proxy for organosulphur containing droplets. <i>Physical Chemistry Chemical Physics</i> , <b>2018</b> , 20, 19416-19423	3.6	2
213	Well-defined palladium-ceria interfacial electronic effects trigger CO oxidation. <i>Chemical Communications</i> , <b>2018</b> , 54, 10140-10143	5.8	15

212	Measurement of b hadron lifetimes in pp collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 457	4.2	9
211	Particle-Phase Photosensitized Radical Production and Aerosol Aging. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 7680-7688	10.3	24
210	Measurements of the $\sigma(\mathrm{p}\mathrm{p}\rightarrow\mathrm{Z}\mathrm{Z})$ production cross section and the $\mathrm{Z}\rightarrow\mathrm{e}\mathrm{e}$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s}=13,\text{TeV})$ <b>2018</b> , 78, 1		3
209	Measurement of b hadron lifetimes in pp collisions at $(\sqrt{s}=8)$ (TeV) <b>2018</b> , 78, 1		1
208	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. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	14
207	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
206	Search for lepton flavour violating decays of the Higgs boson to $\mu\mathrm{e}$ in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	19
205	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	16
204	Interfacial photochemistry at the ocean surface is a global source of organic vapors and aerosols. <i>Nature Communications</i> , <b>2018</b> , 9, 2101	17.4	35
203	Interfacial Photochemistry <b>2018</b> , 435-457		2
202	UV photochemistry of carboxylic acids at the air-sea boundary: A relevant source of glyoxal and other oxygenated VOC in the marine atmosphere. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 1079-1087	4.9	34
201	Kinetics and mechanism of the photocatalytic degradation of acetic acid in absence or presence of O <sub>2</sub> . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2017</b> , 339, 80-88	4.7	16
200	The Essential Role for Laboratory Studies in Atmospheric Chemistry. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 2519-2528	10.3	55
199	Measurement of the $\sigma(\mathrm{p}\mathrm{p}\rightarrow\mathrm{Z}\mathrm{Z})$ production cross section using events in the $\mathrm{Z}\rightarrow\mathrm{e}\mathrm{e}$ final state in pp collisions at $(\sqrt{s}=13)$ TeV. <i>European Physical Journal C</i> , <b>2017</b> , 77, 172	4.2	22
198	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at $(\sqrt{s}=8)$ TeV and cross section ratios to 2.76 and 7 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	34
197	Synergistic effect of nitrate-doped TiO <sub>2</sub> aerosols on the fast photochemical oxidation of formaldehyde. <i>Scientific Reports</i> , <b>2017</b> , 7, 1161	4.9	9
196	Search for electroweak production of charginos in final states with two $\mu\mathrm{e}$ leptons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	7
195	Measurement of the production cross section of a W boson in association with two b jets in pp collisions at $(\sqrt{s}=13)$ TeV. <i>European Physical Journal C</i> , <b>2017</b> , 77, 92	4.2	7

194	Measurement of the WZ production cross section in pp collisions at [Formula: see text] and 8[Formula: see text] and search for anomalous triple gauge couplings at [Formula: see text]. <i>European Physical Journal C</i> , <b>2017</b> , 77, 236	4.2	21
193	Measurement of prompt and nonprompt [Formula: see text] production in [Formula: see text] and [Formula: see text] collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2017</b> , 77, 269	4.2	26
192	A search for new phenomena in pp collisions at [Formula: see text] in final states with missing transverse momentum and at least one jet using the [Formula: see text] variable. <i>European Physical Journal C</i> , <b>2017</b> , 77, 294	4.2	21
191	Primary particulate emissions and secondary organic aerosol (SOA) formation from idling diesel vehicle exhaust in China. <i>Science of the Total Environment</i> , <b>2017</b> , 593-594, 462-469	10.2	40
190	Interfacial photochemistry of biogenic surfactants: a major source of abiotic volatile organic compounds. <i>Faraday Discussions</i> , <b>2017</b> , 200, 59-74	3.6	24
189	Secondary organic aerosol formation from photo-oxidation of toluene with NO <sub>x</sub> and SO <sub>2</sub> : Chamber simulation with purified air versus urban ambient air as matrix. <i>Atmospheric Environment</i> , <b>2017</b> , 150, 67-76	5.3	29
188	Fatty Acid Surfactant Photochemistry Results in New Particle Formation. <i>Scientific Reports</i> , <b>2017</b> , 7, 12693	3.9	23
187	Chemical Characteristics of Organic Aerosols in Shanghai: A Study by Ultrahigh-Performance Liquid Chromatography Coupled With Orbitrap Mass Spectrometry. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2017</b> , 122, 11,703-11,722	4.4	47
186	Search for new physics in the monophoton final state in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	11
185	Measurement of double-differential cross sections for top quark pair production in pp collisions at [Formula: see text][Formula: see text] and impact on parton distribution functions. <i>European Physical Journal C</i> , <b>2017</b> , 77, 459	4.2	16
184	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. <i>Environmental Science and Technology Letters</i> , <b>2017</b> , 4, 481-486	11	7
183	Measurements of the associated production of a Z boson and b jets in pp collisions at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 751	4.2	15
182	Time-resolved monitoring of polycyclic aromatic hydrocarbons adsorbed on atmospheric particles. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 19517-19523	5.1	3
181	Charged-particle nuclear modification factors in PbPb and pPb collisions at ( $\sqrt{s_{\mathrm{N};\mathrm{N}}}=5.02$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	64
180	Search for ( $\overline{\mathrm{t}}\mathrm{t}$ ) resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	17
179	Atmospheric chemistry and the biosphere: general discussion. <i>Faraday Discussions</i> , <b>2017</b> , 200, 195-228	3.6	1
178	Search for associated production of dark matter with a Higgs boson decaying to ( $\overline{\mathrm{b}}\mathrm{b}$ ) or $\overline{\mathrm{t}}\mathrm{t}$ ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	9
177	Observation of Y(1S) pair production in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	29

176	Search for anomalous $Wtb$ couplings and flavour-changing neutral currents in t-channel single top quark production in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	26
175	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 ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	8
174	Measurement of the semileptonic ( $\overline{\text{t}}\text{t}$ ) + $\ell\bar{\ell}$ production cross section in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	7
173	Measurements of the pp $\rightarrow W\ell$ and pp $\rightarrow Z\ell\bar{\ell}$ cross sections and limits on anomalous quartic gauge couplings at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	2
172	Search for new phenomena with the variable in the all-hadronic final state produced in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 710	4.2	54
171	Measurements of differential production cross sections for a Z boson in association with jets in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	11
170	Search for heavy resonances decaying to tau lepton pairs in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	19
169	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. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	9
168	Suppression and azimuthal anisotropy of prompt and nonprompt [Formula: see text] production in PbPb collisions at [Formula: see text][Formula: see text]. <i>European Physical Journal C</i> , <b>2017</b> , 77, 252	4.2	58
167	Searches for pair production of third-generation squarks in [Formula: see text][Formula: see text] pp collisions. <i>European Physical Journal C</i> , <b>2017</b> , 77, 327	4.2	17
166	Measurement of the top quark mass using single top quark events in proton-proton collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , <b>2017</b> , 77, 354	4.2	8
165	Searches for invisible decays of the Higgs boson in pp collisions at ( $\sqrt{s}$ ) = 7, 8, and 13 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	74
164	Search for massive resonances decaying into WW, WZ or ZZ bosons in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	19
163	Measurement of electroweak-induced production of $W\ell$ with two jets in pp collisions at ( $\sqrt{s}=8$ ) TeV and constraints on anomalous quartic gauge couplings. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	9
162	Searches for $W\ell$ bosons decaying to a top quark and a bottom quark in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	7
161	Measurement of the inclusive energy spectrum in the very forward direction in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	5
160	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	18
159	Search for electroweak production of charginos and neutralinos in WH events in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	11

158	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. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	20
157	Search for top squark pair production in pp collisions at ( $\sqrt{s}=13$ ) TeV using single lepton events. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	25
156	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	12
155	Measurement of the ( $\overline{\text{t}}\text{t}$ ) production cross section using events with one lepton and at least one jet in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	14
154	Search for a heavy resonance decaying to a top quark and a vector-like top quark at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
153	Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 578	4.2	21
152	Search for top quark partners with charge 5/3 in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	3
151	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	21
150	Measurements of jet charge with dijet events in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	10
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148	Search for new physics with dijet angular distributions in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	11
147	Search for dark matter produced with an energetic jet or a hadronically decaying W or Z boson at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	46
146	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 ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	35
145	Search for new phenomena with multiple charged leptons in proton-proton collisions at ( $\sqrt{s}=13$ ) (TeV). <i>European Physical Journal C</i> , <b>2017</b> , 77, 1	4.2	2
144	Search for high-mass Z resonances in $e^+e^-$ and $\mu^+\mu^-$ final states in proton-proton collisions at ( $\sqrt{s}=8$ ) and 13 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
143	Search for heavy neutrinos or third-generation leptoquarks in final states with two hadronically decaying leptons and two jets in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	18
142	Search for CP violation in ( $\overline{\text{t}}\text{t}$ ) production and decay in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
141	Open burning of rice, corn and wheat straws: primary emissions, photochemical aging, and secondary organic aerosol formation. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 14821-14839	6.8	42

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20	Uptake of Nitrosyl Chloride (NOCl) by Aqueous Solutions. <i>Journal of Physical Chemistry A</i> , <b>1997</b> , 101, 9359-9366	2.8	18
19	Investigation of the Uptake Rate of Ozone and Methyl Hydroperoxide by Water Surfaces. <i>Journal of Physical Chemistry A</i> , <b>1997</b> , 101, 4943-4949	2.8	91
18	Production and decay of ClNO <sub>2</sub> from the reaction of gaseous N <sub>2</sub> O <sub>5</sub> with NaCl solution: Bulk and aerosol experiments. <i>Journal of Geophysical Research</i> , <b>1997</b> , 102, 3795-3804		225
17	Gas-Liquid Interactions <b>1996</b> , 153-189		2
16	Fate of ClNO <sub>2</sub> over aqueous solutions containing iodide. <i>Geophysical Research Letters</i> , <b>1995</b> , 22, 1505-1508	4.9	42
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