

# Joao Pina

## List of Publications by Year in descending order

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606  
papers

44,597  
citations

2544

96  
h-index

3650

180  
g-index

614  
all docs

614  
docs citations

614  
times ranked

15498  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ring-Fused meso-Tetraarylchlorins as Auspicious PDT Sensitizers: Synthesis, Structural Characterization, Photophysics, and Biological Evaluation. <i>Frontiers in Chemistry</i> , 2022, 10, 873245.	3.6	3
2	Polymeric near infrared emitters with bay-annulated indigo moieties. <i>Materials Advances</i> , 2021, 2, 3736-3743.	5.4	3
3	Tacrine $\hat{e}$ Benzothiazoles: Novel class of potential multitarget anti-Alzheimer's drugs dealing with cholinergic, amyloid and mitochondrial systems. <i>Bioorganic Chemistry</i> , 2021, 107, 104596.	4.1	17
4	Phenomenological Understanding of Hematite Photoanode Performance. <i>Journal of Physical Chemistry C</i> , 2021, 125, 8274-8284.	3.1	5
5	New 3-Ethynylaryl Coumarin-Based Dyes for DSSC Applications: Synthesis, Spectroscopic Properties, and Theoretical Calculations. <i>Molecules</i> , 2021, 26, 2934.	3.8	12
6	Transport and photophysical studies on porphyrin-containing sulfonated poly(etheretherketone) composite membranes. <i>Materials Today Communications</i> , 2021, 29, 102781.	1.9	3
7	Synthesis and characterization of aryl-substituted BODIPY dyes displaying distinct solvatochromic singlet oxygen photosensitization efficiencies. <i>Dyes and Pigments</i> , 2021, 196, 109784.	3.7	9
8	Novel fluorinated ring-fused chlorins as promising PDT agents against melanoma and esophagus cancer. <i>RSC Medicinal Chemistry</i> , 2021, 12, 615-627.	3.9	5
9	Highly Efficient Singlet Oxygen Generators Based on Ruthenium Phthalocyanines: Synthesis, Characterization and in vitro Evaluation for Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2020, 26, 1789-1799.	3.3	27
10	Designing highly fluorescent, arylated poly(phenylene vinylene)s of intrinsic microporosity. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2248-2257.	5.5	13
11	Tryptanthrin from indigo: Synthesis, excited state deactivation routes and efficient singlet oxygen sensitization. <i>Dyes and Pigments</i> , 2020, 175, 108125.	3.7	7
12	Restricted Aggregate Formation on Tetraphenylethene-Substituted Polythiophenes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13956-13965.	3.1	13
13	Room-Temperature Phosphorescence and Efficient Singlet Oxygen Production by Cyclometalated Pt(II) Complexes with Aromatic Alkynyl Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 8220-8230.	4.0	22
14	Luminescent halogen-substituted 2-( <i>N</i> -arylimino)pyrrolyl boron complexes: the internal heavy-atom effect. <i>Dalton Transactions</i> , 2020, 49, 10185-10202.	3.3	11
15	Monoterpene-based metallophthalocyanines: Sustainable synthetic approaches and photophysical studies. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 947-958.	0.8	5
16	Highly Efficient Singlet Oxygen Generators Based on Ruthenium Phthalocyanines: Synthesis, Characterization and in vitro Evaluation for Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2020, 26, 1697-1697.	3.3	4
17	Photochromic cycle of two <i>N</i> -salicylidene- <i>p</i> - <i>X</i> -anilines revealed by the dynamics over 10 orders of magnitude. <i>Journal of Molecular Liquids</i> , 2019, 283, 617-629.	4.9	4
18	Characterization of 4-methylesculetin and of its mono- and di-methoxylated derivatives in water and organic solvents in its ground, singlet and triplet excited states. <i>Journal of Molecular Liquids</i> , 2019, 278, 616-626.	4.9	10

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19	Advances on photodynamic therapy of melanoma through novel ring-fused 5,15-diphenylchlorins. <i>European Journal of Medicinal Chemistry</i> , 2018, 146, 395-408.	5.5	20
20	Running high resolution coastal models in forecast systems: Moving from workstations and HPC cluster to cloud resources. <i>Advances in Engineering Software</i> , 2018, 117, 70-79.	3.8	7
21	Alternating donor-acceptor indigo-cyclopentadithiophene copolymers: competition between excited state conformational relaxation, energy transfer and excited state proton transfer. <i>Materials Chemistry Frontiers</i> , 2018, 2, 281-290.	5.9	7
22	Cyclopentadithiophene derivatives: a step towards an understanding of thiophene copolymer excited state deactivation pathways. <i>Materials Chemistry Frontiers</i> , 2018, 2, 149-156.	5.9	9
23	umd-verification: Automation of Software Validation for the EGI Federated e-Infrastructure. <i>Journal of Grid Computing</i> , 2018, 16, 683-696.	3.9	9
24	INDIGO-DataCloud: a Platform to Facilitate Seamless Access to E-Infrastructures. <i>Journal of Grid Computing</i> , 2018, 16, 381-408.	3.9	58
25	Deactivation Routes in Gold(I) Polypyridyl Complexes: Internal Conversion Vs Fast Intersystem Crossing. <i>Inorganic Chemistry</i> , 2018, 57, 13423-13430.	4.0	17
26	Aggregation-Induced Emission in Phenothiazine-TPE and TPAN Polymers. <i>Macromolecules</i> , 2018, 51, 8501-8512.	4.8	39
27	Enabling rootless Linux Containers in multi-user environments: The udocker tool. <i>Computer Physics Communications</i> , 2018, 232, 84-97.	7.5	42
28	Synthesis, Characterization and In-Vitro Evaluation of Carbohydrate-Containing Ruthenium Phthalocyanines as Third Generation Photosensitizers for Photodynamic Therapy. <i>ChemPhotoChem</i> , 2018, 2, 640-654.	3.0	17
29	Platinum(II) Ring-Fused Chlorins as Near-Infrared Emitting Oxygen Sensors and Photodynamic Agents. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 310-315.	2.8	42
30	Performance of algorithms that reconstruct missing transverse momentum in $\sqrt{s} = 8$ TeV proton-proton collisions in the ATLAS detector. <i>European Physical Journal C</i> , 2017, 77, 241.	3.9	61
31	Insights into the Photophysics and Supramolecular Organization of Congo Red in Solution and the Solid State. <i>ChemPhysChem</i> , 2017, 18, 564-575.	2.1	20
32	Topological cell clustering in the ATLAS calorimeters and its performance in LHC Run 1. <i>European Physical Journal C</i> , 2017, 77, 490.	3.9	325
33	PEG-containing ruthenium phthalocyanines as photosensitizers for photodynamic therapy: synthesis, characterization and in vitro evaluation. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5862-5869.	5.8	33
34	Conformational aspects of the photochromic reactivity of two N-salicylidene aniline derivatives in a polymer matrix. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 332, 475-486.	3.9	11
35	Optical and Photovoltaic Properties of Thieno[3,2- <i>b</i> ]thiophene-Based Push-Pull Organic Dyes with Different Anchoring Groups for Dye-Sensitized Solar Cells. <i>ACS Omega</i> , 2017, 2, 9268-9279.	3.5	32
36	Performance of <i>b</i> -jet identification in the ATLAS experiment. <i>Journal of Instrumentation</i> , 2016, 11, P04008-P04008.	1.2	278

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37	The Laser calibration of the ATLAS Tile Calorimeter during the LHC run 1. Journal of Instrumentation, 2016, 11, T10005-T10005.	1.2	17
38	Measurement of event-shape observables in $Z \rightarrow \ell^+ \ell^- Z \hat{\nu} \bar{\nu}, " + \hat{\nu}, " -$ events in pp collisions at $\sqrt{s} = 7 \text{ TeV}$ with the ATLAS detector at the LHC. European Physical Journal C, 2016, 76, 375.	3.9	15
39	Charged-particle distributions in pp interactions at $\sqrt{s} = 8 \text{ TeV}$ measured with the ATLAS detector. European Physical Journal C, 2016, 76, 403.	3.9	30
40	The performance of the jet trigger for the ATLAS detector during 2011 data taking. European Physical Journal C, 2016, 76, 526.	3.9	21
41	Test of CP invariance in vector-boson fusion production of the Higgs boson using the Optimal Observable method in the ditau decay channel with the ATLAS detector. European Physical Journal C, 2016, 76, 658.	3.9	48
42	Measurement of total and differential $W + W^{\prime}$ production cross sections in proton-proton collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector and limits on anomalous triple-gauge-boson couplings. Journal of High Energy Physics, 2016, 2016, .	4.7	47
43	Search for gluinos in events with an isolated lepton, jets and missing transverse momentum at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 565.	3.9	31
44	Measurement of the inclusive isolated prompt photon cross section in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	44
45	Dijet production in pp collisions with large rapidity gaps at the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 214-234.	4.1	29
46	Search for a high-mass Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	71
47	Constraints on non-Standard Model Higgs boson interactions in an effective Lagrangian using differential cross sections measured in the $H \rightarrow \tau^+ \tau^-$ decay channel at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 69-85.	4.1	31
48	Measurement of $D_{s1}^{\pm}, D_{s1}^0$ and $D_{s1}^*$ meson production cross sections in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 214-234.	2.5	52
49	Search for flavour-changing neutral current top-quark decays to $qZ$ in pp collision data collected with the ATLAS detector at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 12.	3.9	39
50	Measurement of the charge asymmetry in top-quark pair production in the lepton-plus-jets final state in pp collision data at $\sqrt{s} = 8 \text{ TeV}$ . European Physical Journal C, 2016, 76, 87.	3.9	39
51	Search for direct top squark pair production in final states with two tau leptons in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. European Physical Journal C, 2016, 76, 81.	3.9	10
52	Search for charged Higgs bosons in the $H^{\pm} \rightarrow tb$ decay channel in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ using the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	43
53	A novel biopolymeric photoinitiator based on chitosan and thioxanthone derivative: Synthesis, characterization and efficiency in photopolymerization. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 327, 15-20.	3.9	13
54	Cost-efficient method for unsymmetrical meso-aryl porphyrins and iron oxide-porphyrin hybrids prepared thereof. Dalton Transactions, 2016, 45, 16211-16220.	3.3	13

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55	Photoinduced Energy and Electron-Transfer Reactions by Polypyridine Ruthenium(II) Complexes Containing a Derivatized Perylene Diimide. Journal of Physical Chemistry C, 2016, 120, 22831-22843.	3.1	23
56	Search for single production of vector-like quarks decaying into Wb in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 442.	3.9	43
57	New insight into the photophysics and reactivity of trigonal and tetrahedral arylboron compounds. Photochemical and Photobiological Sciences, 2016, 15, 1124-1137.	2.9	9
58	Measurement of the differential cross-section of highly boosted top quarks as a function of their transverse momentum in $\sqrt{s} = 8$ TeV proton-proton collisions using the ATLAS detector. Physical Review D, 2016, 93, .	4.7	34
59	Measurement of the correlation between the polar angles of leptons from top quark decays in the helicity basis at $\sqrt{s} = 8$ TeV proton-proton collisions using the ATLAS detector. Physical Review D, 2016, 93, .	4.7	53
60	Measurement of jet charge in dijet events from $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. Physical Review D, 2016, 93, .	4.7	29
61	Centrality, Rapidity and transverse momentum dependence of isolated prompt photon production in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2016, 116, 172301.	2.9	36
62	Search for magnetic monopoles and stable particles with high electric charges in $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. Physical Review D, 2016, 93, .	4.7	11
63	Search for dark matter produced in association with a Higgs boson decaying to two bottom quarks in $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. Physical Review D, 2016, 93, .	4.7	43
64	Measurements of $WZ$ production cross sections in $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. Physical Review D, 2016, 93, .	4.7	16
65	Search for the standard model Higgs boson produced in association with a vector boson and decaying into a tau pair in $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. Physical Review D, 2016, 93, .	4.7	53
66	Search for the standard model Higgs boson produced in association with a vector boson and decaying into a tau pair in $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. Physical Review D, 2016, 93, .	4.7	5
67	Measurement of the $Z$ production cross section in $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. Physical Review D, 2016, 93, .	4.7	39
68	Measurement of the $Z$ production cross section in $\sqrt{s} = 8$ TeV proton-proton collisions with the ATLAS detector. Physical Review D, 2016, 93, .	7.8	31
69	Measurement of the charged-particle multiplicity inside jets from $\sqrt{s} = 8$ TeV $pp$ collisions with the ATLAS detector. Physical Review Letters, 2016, 116, 172301.	7.8	228
70	Reconstruction of hadronic decay products of tau leptons with the ATLAS experiment. European Physical Journal C, 2016, 76, 295.	3.9	50
71	Performance of pile-up mitigation techniques for jets in $pp$ collisions at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 581.	3.9	298
72	Measurement of the charged-particle multiplicity inside jets from $\sqrt{s} = 8$ TeV $pp$ collisions with the ATLAS detector. European Physical Journal C, 2016, 76, 322.	3.9	51

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73	Measurement of the transverse momentum and $\phi_{\eta}^*$ distributions of Drell-Yan lepton pairs in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 291.	3.9	154
74	Measurement of fiducial differential cross sections of gluon-fusion production of Higgs bosons decaying to $WW \rightarrow e^+e^-/4l^{1/2}$ with the ATLAS detector at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
75	Measurements of the charge asymmetry in top-quark pair production in the dilepton final state at $\sqrt{s}=8$ TeV with the ATLAS detector. Physical Review D, 2016, 94, .	4.7	4
76	A search for top squarks with R-parity-violating decays to all-hadronic final states with the ATLAS detector in $\sqrt{s}=8$ TeV proton-proton collisions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
77	Identification of high transverse momentum top quarks in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
78	A search for an excited muon decaying to a muon and two jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. New Journal of Physics, 2016, 18, 073021.	2.9	2
79	Beam-induced and cosmic-ray backgrounds observed in the ATLAS detector during the LHC 2012 proton-proton running period. Journal of Instrumentation, 2016, 11, P05013-P05013.	1.2	11
80	Measurements of top-quark pair differential cross-sections in the lepton+jets channel in pp collisions at $\sqrt{s}=8$ TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 538.	3.9	115
81	Measurement of the differential cross-sections of prompt and non-prompt production of $J/\psi$ and $\psi(2S)$ in pp collisions at $\sqrt{s}=7$ and 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 283.	3.9	63
82	Measurement of the CP-violating phase $\beta_s$ and the $B_s^0$ meson decay width difference with $B_s^0 \rightarrow e^+e^-/\mu^+\mu^-$ decays in ATLAS. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
83	A search for prompt lepton-jets in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	31
84	Search for new phenomena with photon+jet events in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
85	Measurement of the centrality dependence of the charged-particle pseudorapidity distribution in proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 199.	3.9	60
86	Measurement of the production cross-section of a single top quark in association with a W boson at 8 TeV with the ATLAS experiment. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
87	Search for the production of single vector-like and excited quarks in the $Wt$ final state in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
88	Search for strong gravity in multijet final states produced in pp collisions at $\sqrt{s}=13$ TeV using the ATLAS detector at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
89	Measurements of four-lepton production in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy		
90	Measurement of the charge asymmetry in highly boosted top-quark pair production in pp collision data collected by the ATLAS experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 756, 52-71.		

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91	Measurement of the dependence of transverse energy production on large pseudorapidity on the hard-scattering kinematics of proton-proton collisions at $\sqrt{s} = 2.76$ TeV with the ATLAS detector. Search for new phenomena in final states with large jet multiplicities and missing transverse momentum with ATLAS using $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 756, 285-295.	4.1	10
92	Search for new phenomena in final states with large jet multiplicities and missing transverse momentum with ATLAS using $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 354-355.	4.1	21
93	Search for new phenomena in dijet mass and angular distributions from pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 354-355.	4.1	16
94	Evidence for single top quark production in the s-channel in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector using the Matrix Element Method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 354-355.	4.1	16
95	Charged-particle distributions in pp interactions measured with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 285-295.	4.1	16
96	Combinatorial searches for high-energy photons in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 285-295.	4.1	16
97	Identification of boosted, hadronically decaying W bosons and comparisons with ATLAS data taken at $\sqrt{s} = 8$ TeV. European Physical Journal C, 2016, 76, 154.	3.9	62
99	Search for new phenomena in events with at least three photons collected in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 210.	3.9	95
100	Probing lepton flavour violation via neutrinoless $\mu \rightarrow 3e$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 232.	3.9	19
101	A new method to distinguish hadronically decaying boosted Z bosons from W bosons using the ATLAS detector. European Physical Journal C, 2016, 76, 238.	3.9	9
102	Search for supersymmetry at $\sqrt{s} = 13$ TeV in final states with jets and two same-sign leptons or three leptons with the ATLAS detector. European Physical Journal C, 2016, 76, 259.	3.9	72
103	Search for invisible decays of a Higgs boson using vector-boson fusion in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	49
104	Search for anomalous couplings in the Wtb vertex from the measurement of double differential angular decay rates of single top quarks produced in the t-channel with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1-46.	4.7	13
105	Searches for scalar leptoquarks in pp collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 5.	3.9	109
106	Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at $\sqrt{s} = 7$ and 8 TeV in the ATLAS experiment. European Physical Journal C, 2016, 76, 6.	3.9	274
107	Measurements of fiducial cross-sections for $t\bar{t}$ production with one or two additional b-jets in pp collisions at $\sqrt{s} = 8$ TeV using the ATLAS detector. European Physical Journal C, 2016, 76, 11.	3.9	54
108	Study of the $B_c^+ \rightarrow J/\psi D_s^+ B_c^+ \hat{+} J/\psi D_s^+$ and $B_c^+ \rightarrow J/\psi D_s^+ B_c^+ \hat{-} J/\psi D_s^+$ decays with the ATLAS detector. European Physical Journal C, 2016, 76, 4.	3.9	40

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109	Search for an additional, heavy Higgs boson in the $H \rightarrow ZZ$ decay channel at $\sqrt{s} = 8$ TeV in $pp$ collision data with the ATLAS detector. European Physical Journal C, 2016, 76, 45.	3.9	197
110	Search for single top-quark production via flavour-changing neutral currents at 8 TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 55.	3.9	43
111	Measurement of the correlation between flow harmonics of different order in lead-lead collisions at $\sqrt{s_{NN}} = 2.76$ TeV with the ATLAS detector. Physical Review C, 2015, 92, .	4.7	110
112	Search for massive supersymmetric particles decaying to many jets using the ATLAS detector in $pp$ collisions at $\sqrt{s} = 8$ TeV. Physical Review D, 2015, 91, .	4.7	34
113	Observation and measurement of Higgs boson decays to $WW$ in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	110
114	Search for massive, long-lived particles using multitrack displaced vertices or displaced lepton pairs in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	91
115	Measurements of the top quark branching ratios into channels with leptons and quarks with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	7
116	Measurements of the Total and Differential Higgs Boson Production Cross Sections Combining the ATLAS and CMS Results. Physical Review D, 2015, 92, .	7.8	48
117	Search for massive, long-lived particles using multitrack displaced vertices or displaced lepton pairs in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	2.9	27
118	Search for massive, long-lived particles using multitrack displaced vertices or displaced lepton pairs in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	2.9	44
119	Search for massive, long-lived particles using multitrack displaced vertices or displaced lepton pairs in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	36
120	Search for massive, long-lived particles using multitrack displaced vertices or displaced lepton pairs in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	51
121	Search for massive, long-lived particles using multitrack displaced vertices or displaced lepton pairs in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	26
122	Search for long-lived, weakly interacting particles that decay to displaced hadronic jets in proton-proton collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	61
123	Search for massive, long-lived particles using multitrack displaced vertices or displaced lepton pairs in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	24
124	Search for high-mass diphoton resonances in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	99
125	Search for Higgs bosons decaying to $WW$ in $pp$ collisions at $\sqrt{s} = 8$ TeV with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	44
126	Search for photonic signatures of gauge-mediated supersymmetry in $pp$ collisions with the ATLAS detector. Physical Review D, 2015, 92, .	4.7	19



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127	Search for new light gauge bosons in Higgs boson decays to four-lepton final states in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector at the LHC. Physical Review D, 2015, 92, . Searches for Higgs boson pair production in the	4.7	26
128	Searches for Higgs boson pair production in the	4.7	101
129	Searches for Higgs boson pair production in the	4.7	48
130	Search for New Phenomena in Dijet Angular Distributions in Proton-Proton Collisions at $\sqrt{s}=8$ TeV with the ATLAS Detector. Physical Review Letters, 2015, 114, 221802.	7.8	27
131	Search for a Heavy Neutral Particle Decaying to	7.8	10
132	Search for a Heavy Neutral Particle Decaying to	7.8	20
133	Search for Dark Matter in Events with Missing Transverse Momentum and a Higgs Boson Decaying to Two Photons in $\sqrt{s}=8$ TeV pp Collisions at the ATLAS Detector. Physical Review Letters, 2015, 115, 262001.	7.8	30
134	Search for Dark Matter in Events with Missing Transverse Momentum and a Higgs Boson Decaying to Two Photons in $\sqrt{s}=8$ TeV pp Collisions at the ATLAS Detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 376-395.	7.8	49
135	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	7.8	23
136	Modelling Z $\rightarrow \tau^+ \tau^-$ processes in ATLAS with $\tau$ -embedded Z $\rightarrow \tau^+ \tau^-$ data. Journal of Instrumentation, 2015, 10, P09018-P09018.	1.2	17
137	Measurement of the production of neighbouring jets in lead-lead collisions at $\sqrt{s}=2.76$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 376-395.	4.1	16
138	Search for low-scale gravity signatures in multi-jet final states with the ATLAS detector at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	4
139	A search for high-mass resonances decaying to $\tau^+ \tau^-$ in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	23
140	Summary of the ATLAS experiment's sensitivity to supersymmetry after LHC Run 1 interpreted in the phenomenological MSSM. Journal of High Energy Physics, 2015, 2015, 1.	4.7	55
141	Search for lepton-flavour-violating H $\rightarrow \tau^+ \tau^-$ , decays of the Higgs boson with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	52
142	Measurement of four-jet differential cross sections in $\sqrt{s}=8$ TeV proton-proton collisions using the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1-76.	4.7	11
143	Measurement of colour flow with the jet pull angle in	4.1	23
144	Measurement of colour flow with the jet pull angle in	4.1	18

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147	Measurement of the forward-backward asymmetry of electron and muon pair-production in pp collisions at $\sqrt{s}=7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
148	Measurement of charged-particle spectra in Pb+Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with the ATLAS detector at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	4.7	67
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150	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	108
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161	Search for heavy lepton resonances decaying to a Z boson and a lepton in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
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167	Measurement of the top-quark mass in the fully hadronic decay channel from ATLAS data at $\sqrt{s} = 7 \text{ TeV}$ . European Physical Journal C, 2015, 75, 158.	3.9	17
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170			

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345	Dynamics of isolated-photon plus jet production in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 13-31.	2.5	33
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352	Search for long-lived, heavy particles in final states with a muon and multi-track displaced vertex in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 280-298.	4.1	44
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383	Search for new phenomena in events with three charged leptons at the ATLAS detector. Physical Review D, 2013, 87, .	4.7	14
384	Measurements of the production in collisions at the ATLAS detector. Physical Review D, 2013, 87, .	4.7	60
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399	Search for Pair Production of a Heavy Up-Type Quark Decaying to a Bottom Quark and a Photon in Proton-Proton Collisions at the ATLAS Detector. Physical Review Letters, 2012, 108, 071801. $\frac{d\sigma}{d\Omega dt} \propto \frac{1}{s} \left( \frac{1}{4} + \cos^2\theta \right)$	7.8	80
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405	Search for Pair Production of a New Quark that Decays into a Z Boson and a Bottom Quark with the ATLAS Detector. Physical Review Letters, 2012, 108, 071801. $\frac{d\sigma}{d\Omega dt} \propto \frac{1}{s} \left( \frac{1}{4} + \cos^2\theta \right)$	7.8	26
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441	Measurement of the transverse momentum distribution of $Z\ell\ell$ bosons in $\sqrt{s}=7\text{ TeV}$ pp collisions at $\sqrt{s}=7\text{ TeV}$ with the ATLAS detector. Physical Review D, 2012, 85, .	7.8	171
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449	Search for the Standard Model Higgs boson in the $ZZ\ell\ell$ decay mode with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 713, 387-407.	4.1	14
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