

Carlos A A Salgado

List of Publications by Year in descending order

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Version: 2024-02-01

302
papers

21,137
citations

4658

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9345

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all docs

304
docs citations

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times ranked

8206
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-partonic medium induced cascades in expanding media. European Physical Journal C, 2022, 82, 1.	3.9	8
2	Proton-PDF uncertainties in extracting nuclear PDFs from W^{\pm} production in p+Pb collisions. European Physical Journal C, 2022, 82, 1.	3.9	5
3	EPPS21: a global QCD analysis of nuclear PDFs. European Physical Journal C, 2022, 82, .	3.9	33
4	Jet broadening in dense inhomogeneous matter. Physical Review D, 2022, 105, .	4.7	21
5	Jet quenching test of the QCD matter created at RHIC and the LHC needs opacity-resummed medium induced radiation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136251.	4.1	18
6	A modified in-medium evolution equation with color coherence. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
7	BMP8 and activated brown adipose tissue in human newborns. Nature Communications, 2021, 12, 5274.	12.8	24
8	A quantum strategy to compute the jet quenching parameter \hat{q} . European Physical Journal C, 2021, 81, 1.	3.9	12
9	Jet quenching as a probe of the initial stages in heavy-ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 803, 135318.	4.1	44
10	Medium-induced cascade in expanding media. Journal of High Energy Physics, 2020, 2020, 1.	4.7	20
11	Mapping collinear in-medium parton splittings. European Physical Journal C, 2020, 80, 1.	3.9	19
12	Unveiling the yoctosecond structure of the QGP with top quarks. Nuclear Physics A, 2019, 982, 795-798.	1.5	0
13	Probing the Time Structure of the Quark-Gluon Plasma with Top Quarks. Physical Review Letters, 2018, 120, 232301.	7.8	32
14	Extracting $\langle \mathbf{q} \rangle$ from single inclusive data at RHIC and at the LHC for different centralities: a new puzzle? and the centrality/energy puzzle. Nuclear Physics A, 2017, 967, 492-495.	1.5	6
15	Physics with ions at the Future Circular Collider. Nuclear Physics A, 2017, 967, 888-891.	1.5	2
16	Probing jet decoherence in heavy ion collisions. Nuclear Physics A, 2017, 967, 564-567.	1.5	5
17	EPPS16: nuclear parton distributions with LHC data. European Physical Journal C, 2017, 77, 163.	3.9	365
18	Extracting $\langle \mathbf{q} \rangle$, from single inclusive data at RHIC and at the LHC for different centralities: a new puzzle?. Nuclear and Particle Physics Proceedings, 2017, 289-290, 105-108.	0.5	3

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19	Factorization of in-medium parton branching beyond the eikonal approximation. Nuclear and Particle Physics Proceedings, 2017, 289-290, 117-120.	0.5	0
20	Color coherence in multiple antenna medium radiation. Journal of Physics: Conference Series, 2017, 832, 012008.	0.4	0
21	Energy versus centrality dependence of the jet quenching parameter \hat{q} at RHIC and LHC: a new puzzle?. European Physical Journal C, 2016, 76, 475.	3.9	60
22	Proton-Lead Collisions at the CERN LHC. Annual Review of Nuclear and Particle Science, 2016, 66, 449-473.	10.2	10
23	In-medium jet evolution: interplay between broadening and decoherence effects. Nuclear Physics A, 2016, 956, 681-684.	1.5	1
24	Nuclear collisions at the Future Circular Collider. Nuclear Physics A, 2016, 956, 854-857.	1.5	4
25	Re-weighting at the LHC: the Pb data impact. Nuclear Physics A, 2016, 956, 525-528.	1.5	0
26	An analysis of the impact of LHC Run I proton-lead data on nuclear parton densities. European Physical Journal C, 2016, 76, 218.	3.9	29
27	Universal geometrical scaling of the elliptic flow. Physical Review C, 2015, 92, .	2.9	5
28	Modelling jet quenching with Quenching Weights. Journal of Physics: Conference Series, 2015, 612, 012001.	0.4	0
29	Radiation spectrum of a massive quark-gluon antenna. Journal of Physics: Conference Series, 2015, 589, 012004.	0.4	1
30	Universal geometrical scaling of the elliptic flow. EPJ Web of Conferences, 2015, 90, 08003.	0.3	1
31	Production of inclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ in p-Pb collisions at $\sqrt{s} = 5.02$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 105-117.	4.1	60
32	Measurement of electrons from semileptonic heavy-flavor hadron decays in p-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review D, 2015, 91, .	4.7	25
33	Two-pion femtoscopy in p-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review C, 2015, .	2.9	39
34	Production of $\Sigma(1385)^{\pm}$ and $\Xi(1530)^0$ in proton collisions at $\sqrt{s} = 13.6$ TeV. European Physical Journal C, 2015, 75, 1.	3.9	125
35	Medium-induced gluon radiation and colour decoherence beyond the soft approximation. Journal of High Energy Physics, 2015, 2015, 1.	4.7	51

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37	Transverse momentum dependence of jet-like two-particle correlation structures in $\sqrt{s_{NN}}=5.02$ TeV Pb collisions at the LHC. Nuclear Physics A, 2014, 931, 33-41.	5.02	33
38	Measurement of Prompt Meson Production in $\sqrt{s_{NN}}=2.76$ TeV Pb-Pb Collisions at the LHC. Nuclear Physics A, 2014, 931, 94-100.	7.8	94
39	Photoproduction off Protons in Ultraperipheral $\sqrt{s_{NN}}=2.76$ TeV Pb Collisions at the LHC. Nuclear Physics A, 2014, 931, 100-108.	7.8	100
40	Performance of the ALICE experiment at the CERN LHC. International Journal of Modern Physics A, 2014, 29, 1430044.	1.5	486
41	Technical Design Report for the Upgrade of the ALICE Inner Tracking System. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087002.	3.6	153
42	Event-by-event mean $\langle p_T \rangle$ fluctuations in pp and Pb-Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	61
43	Transverse momentum dependence of inclusive primary charged-particle production in $\sqrt{s_{NN}}=5.02$ TeV Pb collisions at the LHC. European Physical Journal C, 2014, 74, 1.	3.9	58
44	Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV. European Physical Journal C, 2014, 74, 1.	3.9	72
45	Beauty production in pp collisions at $\sqrt{s_{NN}}=2.76$ TeV. Nuclear Physics A, 2014, 931, 32-41.	4.1	32
46	Suppression of charm production in Pb-Pb collisions at the LHC. Nuclear Physics A, 2014, 931, 100-108.	4.1	67
47	Color coherence in a heavy quark antenna radiating gluons inside a QCD medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 448-452.	4.1	4
48	Freeze-out radii extracted from three-pion cumulants in pp, Pb-Pb and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 139-151.	4.1	45
49	Multiparticle azimuthal correlations in Pb and Pb-Pb collisions at the CERN Large Hadron Collider. Physical Review C, 2014, 90, .	2.9	130
50	Energy loss and (de)coherence effects beyond eikonal approximation. Nuclear Physics A, 2014, 931, 365-370.	1.5	0
51	Medium-induced gluon radiation beyond the eikonal approximation. Nuclear Physics A, 2014, 932, 152-157.	1.5	2
52	Heavy-ion physics studies for the Future Circular Collider. Nuclear Physics A, 2014, 931, 1163-1168.	1.5	16
53	Dijets in p + Pb collisions and their quantitative constraints for nuclear PDFs. Nuclear Physics A, 2014, 931, 331-336.	1.5	10
54	Radiation spectrum of a massive quark-gluon antenna. Nuclear Physics A, 2014, 932, 269-273.	1.5	0

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55	Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review C, 2014, 89, .		51
56	QCD and strongly coupled gauge theories: challenges and perspectives. European Physical Journal C, 2014, 74, 2981.	3.9	397
57	Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
58	J/ψ production and nuclear effects in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	44
59	Multiplicity dependence of pion, kaon, proton and lambda production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Nuclear and High-Energy Physics, 2014, 728, 216-227.	4.1	307
60	Multistrange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 216-227.	4.1	210
61	Upgrade of the ALICE Experiment: Letter Of Intent. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 087001.	3.6	97
62	Production of charged pions, kaons and protons at large transverse momenta in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 196-207.	4.1	189
63	Measurement of quarkonium production at forward rapidity in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2974.	3.9	89
64	Next-to-eikonal corrections in the CGC: gluon production and spin asymmetries in pA collisions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	69
65	Centrality, rapidity and transverse momentum dependence of J/ψ suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear and High-Energy Physics, 2014, 728, 216-227.	4.1	171
66	IS2013 Foreword. Nuclear Physics A, 2014, 926, 1-2.	1.5	0
67	Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV in van der Meer scans with the ALICE detector. Journal of Instrumentation, 2014, 9, P11003-P11003.	1.2	40
68	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. European Physical Journal C, 2013, 73, 2456.	3.9	202
69	Theory summary. Hard Probes 2012. Nuclear Physics A, 2013, 910-911, 185-192.	1.5	1
70	Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ TeV measured by ALICE. European Physical Journal C, 2013, 73, 1.	3.9	31
71	Production of J/ψ in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear and High-Energy Physics, 2014, 728, 216-227.	7.8	270
72	Multiplicity dependence of the average transverse momentum in pp, p-Pb, and Pb-Pb collisions at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 371-380.	4.1	130

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73	Long-range angular correlations of \bar{K} , K and p in $p\bar{A}A$ Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	5.02	235
74	Centrality dependence of K production in Pb-Pb collisions at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	2.9	465
75	Centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	2.76	301
76	A perturbative QCD study of dijets in p+Pb collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	22
77	Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	18
78	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. European Physical Journal C, 2013, 73, 2662.	3.9	101
79	Coherence phenomena between initial and final state radiation in a dense QCD medium. Journal of High Energy Physics, 2013, 2013, 1.	4.7	20
80	Charmonium and $e + e \hat{\nu}$ pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2013, 73, 2617.	3.9	203
81	Bayesian reweighting of nuclear PDFs and constraints from proton-lead collisions at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
82	New picture of jet quenching dictated by color coherence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 357-360.	4.1	120
83	Centrality dependence of \bar{K} production in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	4.1	171
84	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s_{NN}} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 13-23.	4.1	51
85	Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	4.1	156
86	EPS09s and EKS98s: Impact parameter dependent nPDF sets. Nuclear Physics A, 2013, 904-905, 999c-1002c.	1.5	4
87	Modeling the Impact Parameter Dependence of the nPDFs With EKS98 and EPS09 Global Fits. Nuclear Physics A, 2013, 910-911, 510-513.	1.5	0
88	Long-range angular correlations on the near and away side in $p\bar{A}A$ Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 52-62.	5.02	561
89	Charge correlations using the balance function in $p\bar{A}A$ Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 267-279.	4.1	46
90	Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 610-622.	2.76	154

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91	Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 322, 262-272.	6.8	68
92	Coherence and broadening effects in medium induced gluon radiation. Nuclear Physics A, 2013, 910-911, 363-366.	1.5	0
93	Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Pseudorapidity Density of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 910-911, 363-366.	2.9	267
94	Directed Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 910-911, 363-366.	7.8	155
95	Directed Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 910-911, 363-366.	4.7	27
96	Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 162301.	7.8	69
97	Agreement of Neutrino Deep Inelastic Scattering Data with Global Fits of Parton Distributions. Physical Review Letters, 2013, 110, 212301.	7.8	42
98	Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 910-911, 363-366.	7.8	151
99	Directed Flow of Charged Particles in Midrapidity Relative to the Spectator Plane in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 232302.	7.8	58
100	Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 910-911, 363-366.	7.8	105
101	Directed Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Nuclear Physics A, 2013, 910-911, 363-366.	7.8	167
102	Meson Elliptic Flow in Noncentral Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physical Review Letters, 2013, 111, 102301.	7.8	171
103	Performance of the ALICE VZERO system. Journal of Instrumentation, 2013, 8, P10016-P10016.	1.2	189
104	Hot Quarks 2012: Workshop for Young Scientists on the Physics of Ultrarelativistic Nucleus-Nucleus Collisions. Journal of Physics: Conference Series, 2013, 446, 011001.	0.4	0
105	Extracting the impact parameter dependence of the nPDFs from the EKS98 and EPS09 global fits. Journal of Physics: Conference Series, 2013, 422, 012021.	0.4	0
106	Interference effects between the initial and final state radiation in a QCD medium. Journal of Physics: Conference Series, 2013, 446, 012010.	0.4	0
107	Study of candidate genes for dyslexia in Brazilian individuals. Genetics and Molecular Research, 2013, 12, 5356-5364.	0.2	8
108	International Conference on Heavy Ion Collisions in the LHC Era. Journal of Physics: Conference Series, 2013, 422, 011001.	0.4	0

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109	Proton-nucleus collisions at the LHC: scientific opportunities and requirements. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 015010.	3.6	120
110	Broadening in medium-induced QCD radiation off a quark, antenna. AIP Conference Proceedings, 2012, , .	0.4	1
111	Hard probes of the quark gluon plasma in heavy ion collisions. , 2012, , .		0
112	Polarization in collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	7.8	99
113	Comparison of jet quenching formalisms for a quark-gluon plasma. Physical Review C, 2012, 86, .	2.9	108
114	Production of Muons from Heavy Flavor Decays at Forward Rapidity in $\sqrt{s} = 2.76$ TeV Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252302.	7.8	96
115	Suppression of charm production at forward rapidity in Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252302.	7.8	194
116	Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252302.	7.8	86
117	Particle-Yield Modification in Jetlike Azimuthal Dihadron Correlations in Pb-Pb Collisions at $\sqrt{s} = 2.76$ TeV. Physical Review Letters, 2012, 109, 252302.	7.8	97
118	Measurement of electrons from semileptonic heavy-flavor hadron decays in $\sqrt{s} = 2.76$ TeV collisions at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
119	A Large Hadron Electron Collider at CERN Report on the Physics and Design Concepts for Machine and Detector. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 075001.	3.6	406
120	Hard probes of QCD matter at RHIC and the beginning of the LHC. Journal of Physics: Conference Series, 2012, 381, 012012.	0.4	0
121	Medium-induced emissions of hard gluons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 160-168.	4.1	14
122	Impact-parameter dependent nuclear parton distribution functions: EPS09s and EKS98s and their applications in nuclear hard processes. Journal of High Energy Physics, 2012, 2012, 1.	4.7	104
123	Underlying Event measurements in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the ALICE experiment at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	4.7	31
124	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	115
125	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	228
126	The radiation pattern of a QCD antenna in a dense medium. Journal of High Energy Physics, 2012, 2012, 1.	4.7	46

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127	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	54
128	Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at $\sqrt{s}=2.76$ TeV. Physical Review Letters, 2012, 109, 252301.	4.1	184
129	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s}=0.9, 2.76, 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	32
130	Production of $K^*(892)^0$ and $\bar{K}^*(1020)$ in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	111
131	Neutral pion and η meson production in proton-proton collisions at $\sqrt{s}=0.9, 2.76, 7$ TeV. Physics Letters, 2012, 717, 151-161.	4.1	133
132	Interference between initial and final state radiation in a QCD medium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 162-172.	4.1	20
133	Nuclear Elementary Particle and High-Energy Physics, 2012, 717, 280-286.	4.1	20
134	meson production at central rapidity in proton-proton collisions at $\sqrt{s}=0.9, 2.76, 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 285-306.	4.1	88
135	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s} = 2.76, 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
137	The radiation pattern of a QCD antenna in a dilute medium. Journal of High Energy Physics, 2012, 2012, 1.	4.7	42
138	Jets in QCD media: From color coherence to decoherence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 156-159.	4.1	103
139	Harmonic decomposition of two particle angular correlations in Pb-Pb collisions at $\sqrt{s}=2.76, 7$ TeV. Physical Review Letters, 2012, 710, 557-568.	4.1	188
140	Heavy flavour decay muon production at forward rapidity in proton-proton collisions at $\sqrt{s}=0.9, 2.76, 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 265-275.	4.1	45
141	Light vector meson production in pp collisions at $\sqrt{s}=0.9, 2.76, 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 557-568.	4.1	93
142	Multistrange baryon production in pp collisions at $\sqrt{s}=0.9, 2.76, 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 309-318.	4.1	93
143	Coherence effects and broadening in medium-induced QCD radiation off a massive quark antenna. Journal of High Energy Physics, 2012, 2012, 1.	4.7	30

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145	Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	4.7	139
146	Femtoscopic of $\langle p \rangle$ collisions at $\sqrt{s} = 0.9$ and 7 TeV at the LHC with two-pion Bose-Einstein correlations. Physical Review D, 2011, 84, .	4.7	93
147	Jets and Underlying Events at LHC Energies. Journal of Physics: Conference Series, 2011, 270, 012017.	0.4	2
148	Multi-strange baryon measurements at LHC energies, with the ALICE experiment. Journal of Physics: Conference Series, 2011, 270, 012020.	0.4	0
149	π^0 reconstruction from photon conversions in ALICE for first p-p collisions at the LHC. Journal of Physics: Conference Series, 2011, 270, 012035.	0.4	2
150	Di-muon measurements in Pb+Pb and p+p collisions with CMS. Journal of Physics: Conference Series, 2011, 270, 012037.	0.4	0
151	Testing collinear factorization and nuclear parton distributions with pA collisions at the LHC. Journal of Physics: Conference Series, 2011, 270, 012053.	0.4	1
152	Measurement of charged-particle pseudorapidity density with ALICE at LHC. Journal of Physics: Conference Series, 2011, 270, 012002.	0.4	0
153	Study of particle production from quark and gluon jets in proton-proton collisions. Journal of Physics: Conference Series, 2011, 270, 012016.	0.4	0
154	Transverse hydrodynamics and the early-thermalization problem at RHIC. Journal of Physics: Conference Series, 2011, 270, 012024.	0.4	1
155	Υ production in p+p, d+Au, Au+Au collisions at $\sqrt{s} = 200$ GeV in STAR. Journal of Physics: Conference Series, 2011, 270, 012026.	0.4	7
156	Medium-induced multi-photon radiation. Journal of Physics: Conference Series, 2011, 270, 012034.	0.4	0
157	Computation of transport coefficients around critical point based on novel diagrammatic method. Journal of Physics: Conference Series, 2011, 270, 012050.	0.4	2
158	Ratios of Fluctuation Observables in the Search for the QCD Critical Point. Journal of Physics: Conference Series, 2011, 270, 012051.	0.4	2
159	Gluon correlations in the glasma. Journal of Physics: Conference Series, 2011, 270, 012055.	0.4	4
160	Collective Flows in a Transport Approach. Journal of Physics: Conference Series, 2011, 270, 012061.	0.4	3
161	Azimuthal anisotropy (v_2) of high-pT π^0 and direct \hat{I}^3 in Au+Au collisions at $\sqrt{s} = 200$ GeV. Journal of Physics: Conference Series, 2011, 270, 012010.	0.4	3
162	Charm and beauty searches using electron- D^0 azimuthal correlations and microvertexing techniques in STAR experiment at RHIC. Journal of Physics: Conference Series, 2011, 270, 012030.	0.4	0

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163	Mach Cones in Viscous Matter. Journal of Physics: Conference Series, 2011, 270, 012012.	0.4	4
164	Fluctuations of the azimuthal particle distribution in NA49 at the CERN SPS. Journal of Physics: Conference Series, 2011, 270, 012023.	0.4	3
165	Charmonium production in pp collisions at LHC with the ALICE Muon Spectrometer. Journal of Physics: Conference Series, 2011, 270, 012027.	0.4	1
166	Direct Photons from a Hybrid Approach - Exploring the parameter space. Journal of Physics: Conference Series, 2011, 270, 012031.	0.4	0
167	CGC and initial state effects in Heavy Ion Collisions. Journal of Physics: Conference Series, 2011, 270, 012052.	0.4	7
168	Inclusive and diffractive DIS at low x from HERA to the EIC. Journal of Physics: Conference Series, 2011, 270, 012054.	0.4	1
169	Non-equilibrium fluctuations at the QCD phase transition. Journal of Physics: Conference Series, 2011, 270, 012059.	0.4	2
170	Modeling the jet quenching, thermal resonance production and hydrodynamical flow in relativistic heavy ion collisions. Journal of Physics: Conference Series, 2011, 270, 012060.	0.4	1
171	Probing dense nuclear matter with electromagnetic and rare hadronic probes. Journal of Physics: Conference Series, 2011, 270, 012021.	0.4	0
172	Production, elliptic flow and energy loss of heavy quarks in the quark-gluon plasma. Journal of Physics: Conference Series, 2011, 270, 012028.	0.4	2
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