

Thomas Humanic

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

83
papers

3,497
citations

31
h-index

57
g-index

86
ext. papers

3,985
ext. citations

4.5
avg, IF

1.18
L-index

#	Paper	IF	Citations
83	Prompt D^0 , D^+ , and D^{*+} production in PbPb collisions at $\sqrt{s_{\mathrm{NN}}} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	1
82	Production of pions, kaons, (anti-)protons and (ϕ) mesons in XeXe collisions at $(\sqrt{s_{\mathrm{NN}}}) = 5.44$ TeV. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	2
81	Feasibility of studying the $\{K^*_0(700)\}$ resonance using $\pi^{\pm} K^{\pm} S^0$ femtoscopy. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019 , 46, 055001	2.9	0
80	Relative particle yield fluctuations in (text{ Pb-Pb }) collisions at $(\sqrt{s_{\mathrm{NN}}}) = 2.76$ TeV. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	9
79	(π^0) and (η) meson production in proton-proton collisions at $(\sqrt{s}) = 8$ TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	23
78	Measurement of D^0 , D^+ , D^{*+} and D^+ production in Pb-Pb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	31
77	Transverse momentum spectra and nuclear modification factors of charged particles in pp, p-Pb and Pb-Pb collisions at the LHC. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	55
76	Dielectron production in proton-proton collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
75	Energy dependence and fluctuations of anisotropic flow in Pb-Pb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 5.02$ and 2.76 TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	29
74	Inclusive J/ψ production at forward and backward rapidity in p-Pb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 8.16$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	4
73	Neutral pion and (η) meson production in pPb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 5.02$ TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	17
72	(ϕ) meson production at forward rapidity in PbPb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 2.76$ TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	2
71	Anisotropic flow of identified particles in Pb-Pb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	24
70	χ_c production in pp collisions at $(\sqrt{s}) = 7$ TeV and in p-Pb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	31
69	Measurement of the inclusive J/ψ polarization at forward rapidity in pp collisions at $(\sqrt{s}) = 8$ TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	4
68	Transverse-velocity scaling of femtoscopy in $(\sqrt{s}) = 7$ TeV proton-proton collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018 , 45, 055101	2.9	1
67	Prompt and non-prompt (J/ψ) production and nuclear modification at mid-rapidity in pPb collisions at $(\sqrt{s_{\mathrm{NN}}}) = 5.02$ TeV. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	12

66	Charged-particle multiplicities in proton-proton collisions at ($\sqrt{s} = 0.9$) to 8 TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	41
65	Measurement of azimuthal correlations of D mesons with charged particles in pp collisions at [Formula: see text] TeV and p-Pb collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2017 , 77, 245	4.2	13
64	W and Z boson production in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	4
63	Measurement of D-meson production at mid-rapidity in pp collisions at ($\sqrt{s}=7$) TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	47
62	Addendum to: Centrality dependence of high-pT D-meson suppression in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	5
61	Production of [Formula: see text] and [Formula: see text] mesons up to high transverse momentum in pp collisions at 2.76 TeV. <i>European Physical Journal C</i> , 2017 , 77, 339	4.2	10
60	Energy dependence of forward-rapidity [Formula: see text] and [Formula: see text] production in pp collisions at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 392	4.2	14
59	Production of [Formula: see text] and [Formula: see text] in p-Pb collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2017 , 77, 389	4.2	22
58	Determination of the event collision time with the ALICE detector at the LHC. <i>European Physical Journal Plus</i> , 2017 , 132, 1	3.1	34
57	Charged-particle multiplicity distributions over a wide pseudorapidity range in proton-proton collisions at ($\sqrt{s}=0.9, 7, \text{ and } 8$) TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	18
56	Searches for transverse momentum dependent flow vector fluctuations in Pb-Pb and p-Pb collisions at the LHC. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	6
55	Insight into particle production mechanisms via angular correlations of identified particles in pp collisions at ($\sqrt{s}=7$) TeV. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	19
54	Measurement of deuteron spectra and elliptic flow in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV at the LHC. <i>European Physical Journal C</i> , 2017 , 77, 1	4.2	25
53	Centrality dependence of (Ψ_S) suppression in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	12
52	Differential studies of inclusive J/ Ψ and (Ψ_S) production at forward rapidity in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	23
51	Higher harmonic flow coefficients of identified hadrons in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	24
50	Centrality dependence of charged jet production in p-Pb collisions at [Formula: see text] = 5.02 TeV. <i>European Physical Journal C</i> , 2016 , 76, 271	4.2	23
49	Measurement of D-meson production versus multiplicity in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	8

48	Measurement of D +s production and nuclear modification factor in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	17
47	Production of K [*] (892) and $\phi(1020)$ in p-Pb collisions at $\sqrt{s} = 5.02$ TeV. <i>European Physical Journal C</i> , 2016 , 76, 245	4.2	63
46	Inclusive quarkonium production at forward rapidity in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , 2016 , 76, 184	4.2	18
45	Transverse momentum dependence of D-meson production in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	65
44	Particle identification in ALICE: a Bayesian approach. <i>European Physical Journal Plus</i> , 2016 , 131, 1	3.1	25
43	Multiplicity and transverse momentum evolution of charge-dependent correlations in pp, p-Pb, and Pb-Pb collisions at the LHC. <i>European Physical Journal C</i> , 2016 , 76, 86	4.2	18
42	Production of $\phi(1020)$ and $\phi(1370)$ in proton-proton collisions at $\sqrt{s} = 7$ TeV. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	82
41	Inclusive photon production at forward rapidities in proton-proton collisions at ($\sqrt{s} = 0.9, 2.76$ and 7 TeV. <i>European Physical Journal C</i> , 2015 , 75, 1	4.2	10
40	Elliptic flow of identified hadrons in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	91
39	Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , 2015 , 75, 226	4.2	105
38	Rapidity and transverse-momentum dependence of the inclusive J/ψ nuclear modification factor in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	32
37	Inclusive, prompt and non-prompt J/ψ production at mid-rapidity in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	24
36	Coherent ρ^0 photoproduction in ultra-peripheral Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	23
35	Measurement of jet quenching with semi-inclusive hadron-jet distributions in central Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	30
34	Forward-backward multiplicity correlations in pp collisions at ($\sqrt{s} = 0.9, 2.76$ and 7 TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	28
33	Centrality dependence of high-pT D meson suppression in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	29
32	Measurement of charm and beauty production at central rapidity versus charged-particle multiplicity in proton-proton collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	33
31	Centrality dependence of inclusive J/ψ production in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	20

30	Measurement of charged jet suppression in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 2.76 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	53
29	J/ψ production and nuclear effects in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	35
28	Measurement of quarkonium production at forward rapidity in [Formula: see text] collisions at [Formula: see text] TeV. <i>European Physical Journal C</i> , 2014 , 74, 2974	4-2	63
27	Extracting the hadronization timescale in $\sqrt{s}=7$ TeV proton-proton collisions from pion and kaon femtoscopy. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014 , 41, 075105	2-9	2
26	Event-by-event mean ($\langle p_{\mathbf{T}} \rangle$) fluctuations in pp and Pb-Pb collisions at the LHC. <i>European Physical Journal C</i> , 2014 , 74, 1	4-2	35
25	Transverse momentum dependence of inclusive primary charged-particle production in Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=5.02$ TeV). <i>European Physical Journal C</i> , 2014 , 74, 1	4-2	52
24	Suppression of $\psi(2S)$ production in p-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}$) = 5.02 TeV. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	15
23	Neutral pion production at midrapidity in pp and Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$ TeV). <i>European Physical Journal C</i> , 2014 , 74, 1	4-2	60
22	Measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE. <i>European Physical Journal C</i> , 2013 , 73, 2456	4-2	141
21	Mid-rapidity anti-baryon to baryon ratios in pp collisions at ($\sqrt{s} = 0.9, 2.76$ and 7 TeV) measured by ALICE. <i>European Physical Journal C</i> , 2013 , 73, 1	4-2	23
20	Energy dependence of the transverse momentum distributions of charged particles in pp collisions measured by ALICE. <i>European Physical Journal C</i> , 2013 , 73, 2662	4-2	75
19	Charmonium and pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2013 , 73, 2617	4-2	150
18	Measurement of charm production at central rapidity in proton-proton collisions at ($\sqrt{s} = 7$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	122
17	Underlying Event measurements in pp collisions at ($\sqrt{s} = 0.9$) and 7 TeV with the ALICE experiment at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	24
16	Measurement of charm production at central rapidity in proton-proton collisions at ($\sqrt{s} = 2.76$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	102
15	Suppression of high transverse momentum D mesons in central Pb-Pb collisions at ($\sqrt{s_{\mathrm{NN}}}=2.76$ TeV). <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	214
14	Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at ($\sqrt{s}=7$) TeV. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5-4	42
13	Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at ($\sqrt{s}=0.9, 2.76$ and 7 TeV). <i>European Physical Journal C</i> , 2012 , 72, 1	4-2	24

12	Production of $K^*(892)0$ and $\phi(1020)$ in pp collisions at $(\sqrt{s}=7 \text{ mathrm{TeV}})$. <i>European Physical Journal C</i> , 2012 , 72, 1	4.2	99
11	Predictions from a simple hadron rescattering model for pp collisions at the LHC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2012 , 39, 015011	2.9	4
10	Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $(\sqrt{s_{\text{NN}}} = 2.76, \text{TeV})$. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	51
9	Predictions of HBT parameters in Pb + Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76 \text{ TeV}$ from a hadronic rescattering model. <i>Physics of Particles and Nuclei Letters</i> , 2011 , 8, 903-906	0.5	
8	Strange particle production in proton-proton collisions at $(\sqrt{s}=0.9) \text{ (mbox {\$rm TeV\$})}$ with ALICE at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	127
7	Production of pions, kaons and protons in pp collisions at $(\sqrt{s}= 900 \sim \text{mathrm{GeV}})$ with ALICE at the LHC. <i>European Physical Journal C</i> , 2011 , 71, 1	4.2	176
6	First proton-proton collisions at the LHC as observed with the ALICE detector: measurement of the charged-particle pseudorapidity density at $(\sqrt{s}=900) \text{ GeV}$. <i>European Physical Journal C</i> , 2010 , 65, 111-125	4.25	113
5	Charged-particle multiplicity measurement in proton-proton collisions at $(\sqrt{s}=0.9)$ and 2.36 TeV with ALICE at LHC. <i>European Physical Journal C</i> , 2010 , 68, 89-108	4.2	179
4	Charged-particle multiplicity measurement in proton-proton collisions at $(\sqrt{s}=7) \text{ TeV}$ with ALICE at LHC. <i>European Physical Journal C</i> , 2010 , 68, 345-354	4.2	173
3	Neutral kaon interferometry in Au+Au collisions at $s_{\text{NN}}=200 \text{ GeV}$. <i>Physical Review C</i> , 2006 , 74,	2.7	27
2	Can hadronic rescattering explain the large elliptic flow and small HBT radii seen at RHIC?. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , 2006 , 25, 1-9		1
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