

H Tsertos

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.

79
papers

2,450
citations

28
h-index

48
g-index

82
ext. papers

2,697
ext. citations

3.1
avg. IF

3.22
L-index

#	Paper	IF	Citations
79	Correlated pion-proton pair emission off hot and dense QCD matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 819, 136421	4.2	1
78	Identical pion intensity interferometry at $(\sqrt{s_{\mathrm{NN}}})=2.4 \sim \text{GeV}$. <i>European Physical Journal A</i> , 2020 , 56, 1	2.5	2
77	Directed, Elliptic, and Higher Order Flow Harmonics of Protons, Deuterons, and Tritons in Au+Au Collisions at $\sqrt{s_{\mathrm{NN}}}=2.4 \text{ GeV}$. <i>Physical Review Letters</i> , 2020 , 125, 262301	7.4	8
76	Charged-pion production in (Au+Au) collisions at $(\sqrt{s_{\mathrm{NN}}}) = 2.4 \sim \text{GeV}$. <i>European Physical Journal A</i> , 2020 , 56, 1	2.5	4
75	Two-pion production in the second resonance region in \bar{p} collisions with the High-Acceptance Di-Electron Spectrometer (HADES). <i>Physical Review C</i> , 2020 , 102,	2.7	3
74	Probing dense baryon-rich matter with virtual photons. <i>Nature Physics</i> , 2019 , 15, 1040-1045	16.2	47
73	Identical pion intensity interferometry in central Au + Au collisions at 1.23A GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 795, 446-451	4.2	3
72	Deep sub-threshold η production in Au+Au collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 778, 403-407	4.2	20
71	Centrality determination of Au + Au collisions at 1.23A GeV with HADES. <i>European Physical Journal A</i> , 2018 , 54, 1	2.5	23
70	Inclusive \bar{p} production in proton-proton collisions at 3.5 GeV. <i>Physical Review C</i> , 2017 , 95,	2.7	6
69	A facility for pion-induced nuclear reaction studies with HADES. <i>European Physical Journal A</i> , 2017 , 53, 1	2.5	13
68	Analysis of the exclusive final state $npe+e^-$ in the quasi-free np reaction. <i>European Physical Journal A</i> , 2017 , 53, 1	2.5	9
67	Statistical hadronization model analysis of hadron yields in $p + \text{Nb}$ and $\text{Ar} + \text{KCl}$ at SIS18 energies. <i>European Physical Journal A</i> , 2016 , 52, 1	2.5	32
66	Strange hadron production at SIS energies: an update from HADES. <i>Journal of Physics: Conference Series</i> , 2016 , 668, 012022	0.3	4
65	Subthreshold $\bar{\Lambda}$ production in collisions of $p(3.5 \text{ GeV})+\text{Nb}$. <i>Physical Review Letters</i> , 2015 , 114, 212301	7.4	18
64	$K^*(892)^+$ production in proton-proton collisions at $E_{\text{beam}}=3.5 \text{ GeV}$. <i>Physical Review C</i> , 2015 , 92,	2.7	5
63	Analysis of pion production data measured by HADES in proton-proton collisions at 1.25 GeV. <i>European Physical Journal A</i> , 2015 , 51, 1	2.5	16

62	Highlights of Resonance Measurements With HADES. <i>EPJ Web of Conferences</i> , 2015 , 97, 00015	0.3	
61	Partial wave analysis of the reaction $p(3.5\text{ GeV}) + p \rightarrow pK + \pi$ to search for the ΛpK bound state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 242-248	4.2	56
60	Lambda hyperon production and polarization in collisions of $p(3.5\text{ GeV}) + \text{Nb}$. <i>European Physical Journal A</i> , 2014 , 50, 1	2.5	21
59	Baryon resonance production and dielectron decays in proton-proton collisions at 3.5 GeV. <i>European Physical Journal A</i> , 2014 , 50, 1	2.5	25
58	Time of flight measurement in heavy-ion collisions with the HADES RPC TOF wall. <i>Journal of Instrumentation</i> , 2014 , 9, C11015-C11015	1	6
57	In-medium hadron properties measured with HADES. <i>EPJ Web of Conferences</i> , 2014 , 66, 04023	0.3	1
56	Medium effects in proton-induced K_0 production at 3.5 GeV. <i>Physical Review C</i> , 2014 , 90,	2.7	18
55	Associate K_0 production in p+p collisions at 3.5 GeV: The role of $\Lambda(1232)^{++}$. <i>Physical Review C</i> , 2014 , 90,	2.7	15
54	An upper limit on hypertriton production in collisions of $\text{Ar}(1.76\text{ A GeV}) + \text{KCl}$. <i>European Physical Journal A</i> , 2013 , 49, 1	2.5	1
53	Baryonic resonances close to the $K\Lambda$ threshold: The case of $\Lambda(1405)$ in pp collisions. <i>Physical Review C</i> , 2013 , 87,	2.7	62
52	Deep sub-threshold $K^*(892)^0$ production in collisions of $\text{Ar} + \text{KCl}$ at 1.76 A GeV. <i>European Physical Journal A</i> , 2013 , 49, 1	2.5	12
51	Inclusive pion and Λ production in p+Nb collisions at 3.5 GeV beam energy. <i>Physical Review C</i> , 2013 , 88,	2.7	11
50	Hades experiments: investigation of hadron in-medium properties. <i>Journal of Physics: Conference Series</i> , 2013 , 420, 012013	0.3	4
49	Production of Λ in reactions at 3.5 GeV beam energy. <i>Nuclear Physics A</i> , 2012 , 881, 178-186	1.3	14
48	The HADES-at-FAIR project. <i>Physics of Atomic Nuclei</i> , 2012 , 75, 589-593	0.4	6
47	Baryonic resonances close to the $K\Lambda$ threshold: The case of $\Lambda(1385)^+$ in pp collisions. <i>Physical Review C</i> , 2012 , 85,	2.7	33
46	Systematic grid-wise radon concentration measurements and first radon map in Cyprus. <i>Radiation Measurements</i> , 2012 , 47, 451-460	1.5	3
45	First measurement of proton-induced low-momentum dielectron radiation off cold nuclear matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 715, 304-309	4.2	37

44	Inclusive dielectron spectra in p+p collisions at 3.5 GeV kinetic beam energy. <i>European Physical Journal A</i> , 2012 , 48, 1	2.5	52
43	Study of exclusive one-pion and one-eta production using hadron and dielectron channels in pp reactions at kinetic beam energies of 1.25 GeV and 2.2 GeV with HADES. <i>European Physical Journal A</i> , 2012 , 48, 1	2.5	23
42	Hyperon production in Ar + KCl collisions at 1.76A GeV. <i>European Physical Journal A</i> , 2011 , 47, 1	2.5	63
41	pp and π intensity interferometry in collisions of Ar+KCl at 1.76A GeV. <i>European Physical Journal A</i> , 2011 , 47, 1	2.5	9
40	Dielectron production in Ar + KCl collisions at 1.76A GeV. <i>Physical Review C</i> , 2011 , 84,	2.7	70
39	DILEPTON PRODUCTION STUDIED WITH THE HADES SPECTROMETER. <i>International Journal of Modern Physics A</i> , 2011 , 26, 384-389	1.2	3
38	In-medium effects on K0 mesons in relativistic heavy-ion collisions. <i>Physical Review C</i> , 2010 , 82,	2.7	34
37	π femtoscopy in collisions of Ar+KCl at 1.76A GeV. <i>Physical Review C</i> , 2010 , 82,	2.7	10
36	Gamma radiation measurements and dose rates in commonly used building materials in Cyprus. <i>Radiation Protection Dosimetry</i> , 2010 , 142, 282-91	0.9	12
35	Origin of the low-mass electron pair excess in light nucleus-nucleus collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 690, 118-122	4.2	75
34	Dilepton Production at SIS Energies Studied with HADES. <i>Nuclear Physics A</i> , 2010 , 834, 298c-302c	1.3	1
33	Deep subthreshold Ξ_{cc} production in Ar + KCl reactions at 1.76A GeV. <i>Physical Review Letters</i> , 2009 , 103, 132301	7.4	63
32	Λ decay: A relevant source for K π production at energies available at the GSI Schwerionen-Synchrotron (SIS)?. <i>Physical Review C</i> , 2009 , 80,	2.7	67
31	MESON AND DI-ELECTRON PRODUCTION WITH HADES. <i>International Journal of Modern Physics A</i> , 2009 , 24, 317-326	1.2	4
30	Measurement of charged pions in $^{12}\text{C} + ^{12}\text{C}$ collisions at 1 A GeV and 2 A GeV with HADES. <i>European Physical Journal A</i> , 2009 , 40, 45-59	2.5	25
29	The high-acceptance dielectron spectrometer HADES. <i>European Physical Journal A</i> , 2009 , 41, 243-277	2.5	210
28	Measurement of low-mass e^+e^- pair production in 1 and 2 A GeV CC collision with HADES. <i>European Physical Journal C</i> , 2009 , 62, 81-84	4.2	2
27	Study of dielectron production in C+C collisions at 1A GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 663, 43-48	4.2	75

26	Dielectron spectroscopy at 1-2 AGeV with HADES?. <i>European Physical Journal A</i> , 2008 , 38, 163-166	2.5	
25	Dilepton production in pp and CC collisions with HADES. <i>European Physical Journal A</i> , 2007 , 31, 831-835	2.5	6
24	DIELECTRON PRODUCTION IN C + C AND p + p COLLISIONS WITH HADES. <i>International Journal of Modern Physics A</i> , 2007 , 22, 388-396	1.2	2
23	Dielectron production in 12C+12C collisions at 2A GeV with the HADES spectrometer. <i>Physical Review Letters</i> , 2007 , 98, 052302	7.4	104
22	Dielectron production in 12C+12C collisions at 2AGeV with HADES. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, S1041-S1045	2.9	1
21	Indoor and outdoor in situ high-resolution gamma radiation measurements in urban areas of Cyprus. <i>Radiation Protection Dosimetry</i> , 2007 , 123, 384-90	0.9	19
20	Probing of in-medium hadron structure with HADES. <i>Nuclear Physics A</i> , 2005 , 749, 150-159	1.3	21
19	DILEPTON ANALYSIS IN THE HADES SPECTROMETER FOR 12C+12C AT 2 AGEV. <i>International Journal of Modern Physics A</i> , 2005 , 20, 602-605	1.2	
18	A comprehensive study of natural gamma radioactivity levels and associated dose rates from surface soils in cyprus. <i>Radiation Protection Dosimetry</i> , 2004 , 109, 217-24	0.9	112
17	Radiometric determination of uranium in natural waters after enrichment and separation by cation-exchange and liquid-liquid extraction. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004 , 260, 439-442	1.5	42
16	Study of e^+e^- production in elementary and nuclear collisions near the production threshold with HADES. <i>Progress in Particle and Nuclear Physics</i> , 2004 , 53, 49-58	10.6	12
15	Indoor radon (^{222}Rn) concentration measurements in Cyprus using high-sensitivity portable detectors. <i>Journal of Environmental Radioactivity</i> , 2003 , 68, 159-69	2.4	32
14	Acceptance and resolution simulation studies for the dielectron spectrometer HADES at GSI. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996 , 380, 586-596	1.2	52
13	Investigations of correlated π^+e^- emission in heavy-ion collisions near the Coulomb barrier. <i>Zeitschrift für Physik A</i> , 1993 , 346, 153-168		31
12	Comment on composite-particle decay and the e^+e^- puzzle. <i>Physical Review Letters</i> , 1992 , 68, 1959	7.4	3
11	Systematic studies of positron production in heavy-ion collisions near the Coulomb barrier. <i>Zeitschrift für Physik A</i> , 1992 , 342, 79-94		17
10	Experimental exclusion of neutral resonances in Bhabha scattering at MeV energies. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 266, 259-263	4.2	28
9	Search for long-lived neutral resonances in Bhabha scattering around 1.8 MeV/c ² . <i>Physical Review Letters</i> , 1990 , 65, 972-975	7.4	34

8	Comment on "Electron peaks in e++ Th, U, and Ta interactions". <i>Physical Review C</i> , 1989 , 40, 1839-1840	2.7	6
7	High-sensitivity measurements of the excitation function for Bhabha scattering at MeV energies. <i>Physical Review D</i> , 1989 , 40, 1397-1410	4.9	25
6	On the momentum correlation of (e+e $\bar{\nu}$) pairs observed in U + U and U + Pb collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 218, 12-16	4.2	104
5	Search for resonant Bhabha scattering at MeV energies. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1989 , 284, 54-58	1.2	3
4	Monoenergetic (e+e $\bar{\nu}$) pairs from heavy ion collisions. <i>Nuclear Physics A</i> , 1988 , 488, 683-688	1.3	22
3	Sensitive search for neutral resonances in Bhabha scattering around 1.8 MeV/c ² . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988 , 207, 273-277	4.2	36
2	On the scattering-angle dependence of the monochromatic positron emission from U + U and U + Th collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985 , 162, 273-276	4.2	111
1	Narrow positron lines from U-U and U-Th collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 137, 41-46	4.2	257