

H Tsertos

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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	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
78	The high-acceptance dielectron spectrometer HADES. <i>European Physical Journal A</i> , 2009 , 41, 243-277	2.5	210
77	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
76	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
75	Dielectron production in 12C+12C collisions at 2A GeV with the HADES spectrometer. <i>Physical Review Letters</i> , 2007 , 98, 052302	7.4	104
74	On the momentum correlation of (e+e) 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
73	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
72	Study of dielectron production in C+C collisions at 1AGeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 663, 43-48	4.2	75
71	Dielectron production in Ar + KCl collisions at 1.76A GeV. <i>Physical Review C</i> , 2011 , 84,	2.7	70
70	? decay: A relevant source for K production at energies available at the GSI Schwerionen-Synchrotron (SIS)?. <i>Physical Review C</i> , 2009 , 80,	2.7	67
69	Hyperon production in Ar + KCl collisions at 1.76A GeV. <i>European Physical Journal A</i> , 2011 , 47, 1	2.5	63
68	Deep subthreshold Xi;- production in Ar + KCl reactions at 1.76A GeV. <i>Physical Review Letters</i> , 2009 , 103, 132301	7.4	63
67	Baryonic resonances close to the K N threshold: The case of (1405) in pp collisions. <i>Physical Review C</i> , 2013 , 87,	2.7	62
66	Partial wave analysis of the reaction p (3.5 GeV)+ p -ipK + to search for the ppK bound state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015 , 742, 242-248	4.2	56
65	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
64	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
63	Probing dense baryon-rich matter with virtual photons. <i>Nature Physics</i> , 2019 , 15, 1040-1045	16.2	47

62	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
61	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
60	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
59	In-medium effects on K ₀ mesons in relativistic heavy-ion collisions. <i>Physical Review C</i> , 2010 , 82,	2.7	34
58	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
57	Baryonic resonances close to the K ₀ [*] threshold: The case of $\Lambda(1385)^+$ in pp collisions. <i>Physical Review C</i> , 2012 , 85,	2.7	33
56	Statistical hadronization model analysis of hadron yields in p + Nb and Ar + KCl at SIS18 energies. <i>European Physical Journal A</i> , 2016 , 52, 1	2.5	32
55	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
54	Investigations of correlated π^0 e ⁺ e ⁻ emission in heavy-ion collisions near the Coulomb barrier. <i>Zeitschrift für Physik A</i> , 1993 , 346, 153-168		31
53	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
52	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
51	Measurement of charged pions in ¹² C + ¹² 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
50	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
49	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
48	Centrality determination of Au + Au collisions at 1.23A GeV with HADES. <i>European Physical Journal A</i> , 2018 , 54, 1	2.5	23
47	Monoenergetic (e ⁺ e ⁻) pairs from heavy ion collisions. <i>Nuclear Physics A</i> , 1988 , 488, 683-688	1.3	22
46	Lambda hyperon production and polarization in collisions of p(3.5 GeV)+Nb. <i>European Physical Journal A</i> , 2014 , 50, 1	2.5	21
45	Probing of in-medium hadron structure with HADES. <i>Nuclear Physics A</i> , 2005 , 749, 150-159	1.3	21

44	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
43	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
42	Subthreshold η production in collisions of p(3.5 GeV)+Nb. <i>Physical Review Letters</i> , 2015 , 114, 212301	7.4	18
41	Medium effects in proton-induced K ₀ production at 3.5 GeV. <i>Physical Review C</i> , 2014 , 90,	2.7	18
40	Systematic studies of positron production in heavy-ion collisions near the Coulomb barrier. <i>Zeitschrift für Physik A</i> , 1992 , 342, 79-94		17
39	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
38	Associate K ₀ production in p+p collisions at 3.5 GeV: The role of $(1232)^{++}$. <i>Physical Review C</i> , 2014 , 90,	2.7	15
37	Production of η in reactions at 3.5 GeV beam energy. <i>Nuclear Physics A</i> , 2012 , 881, 178-186	1.3	14
36	A facility for pion-induced nuclear reaction studies with HADES. <i>European Physical Journal A</i> , 2017 , 53, 1	2.5	13
35	Deep sub-threshold K*(892)0 production in collisions of Ar + KCl at 1.76 A GeV. <i>European Physical Journal A</i> , 2013 , 49, 1	2.5	12
34	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
33	Study of e^+e^-p 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
32	Inclusive pion and η production in p+Nb collisions at 3.5 GeV beam energy. <i>Physical Review C</i> , 2013 , 88,	2.7	11
31	η femtoscopy in collisions of Ar+KCl at 1.76A GeV. <i>Physical Review C</i> , 2010 , 82,	2.7	10
30	Analysis of the exclusive final state npe^+ in the quasi-free np reaction. <i>European Physical Journal A</i> , 2017 , 53, 1	2.5	9
29	pp and η intensity interferometry in collisions of Ar+KCl at 1.76A GeV. <i>European Physical Journal A</i> , 2011 , 47, 1	2.5	9
28	Directed, Elliptic, and Higher Order Flow Harmonics of Protons, Deuterons, and Tritons in Au+Au Collisions at $\sqrt{s_{NN}}=2.4$ GeV. <i>Physical Review Letters</i> , 2020 , 125, 262301	7.4	8
27	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

26	Inclusive \bar{p} production in proton-proton collisions at 3.5 GeV. <i>Physical Review C</i> , 2017 , 95,	2.7	6
25	The HADES-at-FAIR project. <i>Physics of Atomic Nuclei</i> , 2012 , 75, 589-593	0.4	6
24	Dilepton production in pp and CC collisions with HADES. <i>European Physical Journal A</i> , 2007 , 31, 831-835	2.5	6
23	Comment on "Electron peaks in e++ Th, U, and Ta interactions". <i>Physical Review C</i> , 1989 , 40, 1839-1840	2.7	6
22	$K^*(892)^+$ production in proton-proton collisions at Ebeam=3.5 GeV. <i>Physical Review C</i> , 2015 , 92,	2.7	5
21	Strange hadron production at SIS energies: an update from HADES. <i>Journal of Physics: Conference Series</i> , 2016 , 668, 012022	0.3	4
20	Hades experiments: investigation of hadron in-medium properties. <i>Journal of Physics: Conference Series</i> , 2013 , 420, 012013	0.3	4
19	MESON AND DI-ELECTRON PRODUCTION WITH HADES. <i>International Journal of Modern Physics A</i> , 2009 , 24, 317-326	1.2	4
18	Charged-pion production in $(\mathbf{Au+Au})$ collisions at $(\sqrt{s_{\mathbf{NN}}}) = 2.4\text{-}\mathbf{GeV}$. <i>European Physical Journal A</i> , 2020 , 56, 1	2.5	4
17	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
16	Systematic grid-wise radon concentration measurements and first radon map in Cyprus. <i>Radiation Measurements</i> , 2012 , 47, 451-460	1.5	3
15	DILEPTON PRODUCTION STUDIED WITH THE HADES SPECTROMETER. <i>International Journal of Modern Physics A</i> , 2011 , 26, 384-389	1.2	3
14	Comment on composite-particle decay and the e+e- puzzle. <i>Physical Review Letters</i> , 1992 , 68, 1959	7.4	3
13	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
12	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
11	Identical pion intensity interferometry at $(\sqrt{s_{\mathbf{NN}}})=2.4\text{-}\mathbf{GeV}$. <i>European Physical Journal A</i> , 2020 , 56, 1	2.5	2
10	Measurement of low-mass e + e \bar{p} pair production in 1 and 2 A GeV C \bar{C} collision with HADES. <i>European Physical Journal C</i> , 2009 , 62, 81-84	4.2	2
9	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

8	In-medium hadron properties measured with HADES. <i>EPJ Web of Conferences</i> , 2014 , 66, 04023	0.3	1
7	An upper limit on hypertriton production in collisions of Ar(1.76 A GeV) + KCl. <i>European Physical Journal A</i> , 2013 , 49, 1	2.5	1
6	Dilepton Production at SIS Energies Studied with HADES. <i>Nuclear Physics A</i> , 2010 , 834, 298c-302c	1.3	1
5	Dielectron production in 12C+12C collisions at 2 AGeV with HADES. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2007 , 34, S1041-S1045	2.9	1
4	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
3	Highlights of Resonance Measurements With HADES. <i>EPJ Web of Conferences</i> , 2015 , 97, 00015	0.3	
2	Dielectron spectroscopy at 1-2 AGeV with HADES?. <i>European Physical Journal A</i> , 2008 , 38, 163-166	2.5	
1	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	