

Paulo Fonte

List of Publications by Year in descending order

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238
papers

4,107
citations

117453

34
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49
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257
all docs

257
docs citations

257
times ranked

3045
citing authors

#	ARTICLE	IF	CITATIONS
1	The SHiP experiment at the proposed CERN SPS Beam Dump Facility. European Physical Journal C, 2022, 82, .	1.4	8
2	Production and electromagnetic decay of hyperons: a feasibility study with HADES as a phase-0 experiment at FAIR. European Physical Journal A, 2021, 57, 1.	1.0	12
3	Sensitivity of the SHiP experiment to light dark matter. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
4	Sensitivity of the SHiP experiment to dark photons decaying to a pair of charged particles. European Physical Journal C, 2021, 81, 1.	1.4	10
5	Towards high-rate RPC-based thermal neutron detectors using low-resistivity electrodes. Journal of Instrumentation, 2021, 16, P07009.	0.5	2
6	Correlated pion-proton pair emission off hot and dense QCD matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136421.	1.5	4
7	The TRASGO Project. Present Status and Results. Physics of Atomic Nuclei, 2021, 84, 1070-1079.	0.1	0
8	Exploring time like tranistions in pp, $\bar{p}p$ and AA reactions with HADES. EPI Web of Conferences, 2020, 241, 01013.	0.1	3
9	Two-pion production in the second resonance region in $\sqrt{s_{NN}} = 2.4$ GeV collisions with the High-Acceptance Di-Electron Spectrometer (HADES). Physical Review C, 2020, 102, .	1.1	51
10	Multilayer 10^7 -B-RPC neutron imaging detector. Journal of Instrumentation, 2020, 15, P06007-P06007.	0.5	5
11	Proton-number fluctuations in $\sqrt{s_{NN}} = 2.4$ GeV collisions studied with the High-Acceptance DiElectron Spectrometer (HADES). Physical Review C, 2020, 102, .	1.1	51
12	The magnet of the scattering and neutrino detector for the SHiP experiment at CERN. Journal of Instrumentation, 2020, 15, P01027-P01027.	0.5	6
13	Identical pion intensity interferometry at $\sqrt{s_{NN}} = 2.4$ GeV. European Physical Journal A, 2020, 56, 1.	1.0	10
14	Measurement of the muon flux from 400 GeV/c protons interacting in a thick molybdenum/tungsten target. European Physical Journal C, 2020, 80, 1.	1.4	4
15	Towards sealed Resistive Plate Chambers. Journal of Instrumentation, 2020, 15, C11009-C11009.	0.5	8
16	Directed, Elliptic, and Higher Order Flow Harmonics of Protons, Deuterons, and Tritons in $\sqrt{s_{NN}} = 2.4$ GeV Collisions at Au+Au Collisions. Physical Review Letters, 2020, 125, 262301.	2.9	43
17	Charged-pion production in $\sqrt{s_{NN}} = 2.4$ GeV collisions at Au+Au collisions at $\sqrt{s_{NN}} = 2.4$ GeV. European Physical Journal A, 2020, 56, 1.	1.0	15
18	The SHiP timing detector based on MRPC. Journal of Instrumentation, 2020, 15, C10017-C10017.	0.5	3

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19	Strong Absorption of Hadrons with Hidden and Open Strangeness in Nuclear Matter. Physical Review Letters, 2019, 123, 022002.	2.9	22
20	Sensitivity of the SHiP experiment to Heavy Neutral Leptons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	48
21	HADES Collaboration. Nuclear Physics A, 2019, 982, 1036-1037.	0.6	0
22	Probing dense baryon-rich matter with virtual photons. Nature Physics, 2019, 15, 1040-1045.	6.5	86
23	Boron-10 lined RPCs for sub-millimeter resolution thermal neutron detectors: Feasibility study in a thermal neutron beam. Journal of Instrumentation, 2019, 14, P01017-P01017.	0.5	9
24	Identical pion intensity interferometry in central Au + Au collisions at 1.23A GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 446-451.	1.5	11
25	Long term experience in Autonomous Stations and production quality control. Journal of Instrumentation, 2019, 14, C07002-C07002.	0.5	6
26	Sub-threshold production of K^0 mesons and Λ hyperons in Au+Au collisions at $\sqrt{s_{NN}}=2.4$ GeV. Nuclear Physics A, 2019, 982, 771-774.	1.9	23
27	Multi-differential pattern of low-mass e^+e^- excess from $\sqrt{s_{NN}}=2.4$ GeV Au+Au collisions with HADES. Nuclear Physics A, 2019, 982, 431-434.	0.6	5
28	Collective flow and correlations measurements with HADES in Au+Au collisions at 1.23 AGeV. Nuclear Physics A, 2019, 982, 803-806.	0.6	12
29	Sub-threshold strangeness production measured with HADES. Nuclear Physics A, 2019, 982, 803-806.	0.6	1
30	The experimental facility for the Search for Hidden Particles at the CERN SPS. Journal of Instrumentation, 2019, 14, P03025-P03025.	0.5	26
31	Time-Like Baryon Transitions studies with HADES. EPJ Web of Conferences, 2019, 199, 01008.	0.1	10
32	Fast simulation of muons produced at the SHiP experiment using Generative Adversarial Networks. Journal of Instrumentation, 2019, 14, P11028-P11028.	0.5	26
33	Design and expected performance of a novel hybrid detector for very-high-energy gamma-ray astrophysics. Astroparticle Physics, 2018, 99, 34-42.	1.9	18
34	Λ^0 production in proton nucleus collisions near threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 735-740.	1.5	9
35	MARTA: a high-energy cosmic-ray detector concept for high-accuracy muon measurement. European Physical Journal C, 2018, 78, 1.	1.4	9
36	Centrality determination of Au + Au collisions at 1.23A GeV with HADES. European Physical Journal A, 2018, 54, 1.	1.0	43

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37	Deep sub-threshold $\bar{\Lambda}$ production in Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 403-407.	1.5	32
38	The active muon shield in the SHiP experiment. Journal of Instrumentation, 2017, 12, P05011-P05011.	0.5	20
39	Dalitz decay in proton-proton collisions at $\sqrt{s} = 1.232$ GeV measured with HADES at GSI. Physical Review C, 2017, 95, .	1.1	19
40	HADES Collaboration. Nuclear Physics A, 2017, 967, 983-984.	0.6	0
41	Inclusive $\bar{\Lambda}$ production in proton-proton collisions at 3.5 GeV. Physical Review C, 2017, 95, .	1.1	8
42	A facility for pion-induced nuclear reaction studies with HADES. European Physical Journal A, 2017, 53, 1.	1.0	18
43	Analysis of the exclusive final state $npe+e^-$ in the quasi-free np reaction. European Physical Journal A, 2017, 53, 1.	1.0	11
44	LATTES: a new gamma-ray detector concept for South America. EPJ Web of Conferences, 2017, 136, 03013.	0.1	3
45	Autonomous RPCs for a Cosmic Ray ground array. , 2017, , .		1
46	Outdoor field experience with autonomous RPC based stations. Journal of Instrumentation, 2016, 11, C09011-C09011.	0.5	9
47	$p\bar{p}$ interaction studied via femtoscopy in $p\bar{p}$ reactions at $\sqrt{s} = 0.28$ TeV. Physical Review C, 2015, 92, .	1.1	25
48	A large area TOF-tracker device based on multi-gap Resistive Plate Chambers. Journal of Instrumentation, 2016, 11, C10002-C10002.	0.5	4
49	Statistical hadronization model analysis of hadron yields in $p + Nb$ and $Ar + KCl$ at SIS18 energies. European Physical Journal A, 2016, 52, 1.	1.0	37
50	Strange hadron production at SIS energies: an update from HADES. Journal of Physics: Conference Series, 2016, 668, 012022.	0.3	4
51	Muon Array with RPCs for Tagging Air showers (MARTA). , 2016, , .		1
52	K^0_S production in proton-proton collisions at $\sqrt{s} = 0.77$ TeV. Physical Review C, 2015, 92, .	1.1	5
53	Λ production with a deuteron beam. Physics Letters. Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 184-193.	1.5	27
54	Analysis of pion production data measured by HADES in proton-proton collisions at 1.25 GeV. European Physical Journal A, 2015, 51, 1.	1.0	20

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55	Highlights of Resonance Measurements With HADES. EPJ Web of Conferences, 2015, 97, 00015.	0.1	0
56	Investigating hadronic resonances in pp interactions with HADES. EPJ Web of Conferences, 2015, 97, 00024.	0.1	1
57	TRAGALDABAS: A new high resolution detector for the regular study of cosmic rays. Journal of Physics: Conference Series, 2015, 632, 012010.	0.3	4
58	An ultra-high resolution preclinical positron emission tomography scanner. , 2015, , .		0
59	Performance of timing Resistive Plate Chambers with protons from 200 to 800 MeV. Journal of Instrumentation, 2015, 10, C01043-C01043.	0.5	8
60	Performance of timing resistive plate chambers with relativistic neutrons from 300 to 1500 MeV. Journal of Instrumentation, 2015, 10, C02034-C02034.	0.5	9
61	Partial wave analysis of the reaction $p(3.5\text{A}^{\wedge}\text{GeV})+p\hat{\rightarrow}pK+\hat{l}$ to search for the $\hat{\omega}$ bound state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 242-248.	1.5	69
62	Time-of-Flight Positron Emission Tomography with Resistive Plate Chamber Detectors: An Unlikely but Promising Approach. Acta Physica Polonica A, 2015, 127, 1453-1461. http://www.w3.org/1998/Math/MathML	0.2	1
63	\hat{z} in Collisions of p p		

#	ARTICLE	IF	CITATIONS
73	Searching a dark photon with HADES. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 265-271.	1.5	113
74	Scatter Fraction, Count Rates, and Noise Equivalent Count Rate of a Single-Bed Position RPC TOF-PET System Assessed by Simulations Following the NEMA NU2-2001 Standards. IEEE Transactions on Nuclear Science, 2014, 61, 1153-1163.	1.2	5
75	Lambda hyperon production and polarization in collisions of p(3.5 GeV)+Nb. European Physical Journal A, 2014, 50, 1.	1.0	31
76	Baryon resonance production and dielectron decays in proton-proton collisions at 3.5 GeV. European Physical Journal A, 2014, 50, 1.	1.0	29
77	Towards very high resolution RPC-PET for small animals. Journal of Instrumentation, 2014, 9, C10012-C10012.	0.5	15
78	Time of flight measurement in heavy-ion collisions with the HADES RPC TOF wall. Journal of Instrumentation, 2014, 9, C11015-C11015.	0.5	6
79	In-medium hadron properties measured with HADES. EPJ Web of Conferences, 2014, 66, 04023.	0.1	1
80	Low mass dielectrons radiated off cold nuclear matter measured with HADES. EPJ Web of Conferences, 2014, 66, 09011.	0.1	0
81	Resistive plate chambers in positron emission tomography. European Physical Journal Plus, 2013, 128, 1.	1.2	8
82	Dose-Free Monitoring of Radiotherapy Treatments With Scattered Photons: First Experimental Results at a 6-MV Linac. IEEE Transactions on Nuclear Science, 2013, 60, 3110-3118.	1.2	11
83	Dose-Free Monitoring of Radiotherapy Treatments With Scattered Photons: Concept and Simulation Study. IEEE Transactions on Nuclear Science, 2013, 60, 3119-3126.	1.2	6
84	An All-Digital Coincidence-Selection and Coincidence-Trigger Generation for a Small Animal RPC-PET Camera. IEEE Transactions on Nuclear Science, 2013, 60, 2912-2917.	1.2	0
85	Advances in the development of micropattern gaseous detectors with resistive electrodes. European Physical Journal Plus, 2013, 128, 1.	1.2	1
86	An upper limit on hypertriton production in collisions of Ar(1.76 A GeV) + KCl. European Physical Journal A, 2013, 49, 1.	1.0	1
87	final state: Towards the extraction of the Λ hyperon production in collisions of Ar(1.76 A GeV) + KCl. Nuclear Physics A, 2013, 914, 60-68.	0.6	36
88	Achieving 0.4-mm FWHM spatial resolution with an RPC-based small-animal PET prototype. , 2013, , .		1
89	Development of a new generation of micropattern gaseous detectors for high energy physics, astrophysics and environmental applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 732, 255-259.	0.7	13
90	The case of Λ hyperon production in collisions of Ar(1.76 A GeV) + KCl. Physical Review C, 2013, 87, .	1.1	70

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91	New gas detector setup for on-axis STIM tomography experiments. Nuclear Instruments & Methods in Physics Research B, 2013, 306, 104-108.	0.6	4
92	Deep sub-threshold $K^*(892)0$ production in collisions of Ar + KCl at 1.76 A GeV. European Physical Journal A, 2013, 49, 1.	1.0	13
93	Analytical calculation of the charge spectrum generated by ionizing particles in Resistive Plate Chambers at low gas gain. Journal of Instrumentation, 2013, 8, P04017-P04017.	0.5	4
94	Simulations of a new detection concept for high-energy neutrons based on timing RPCs. Journal of Instrumentation, 2013, 8, P07020-P07020.	0.5	2
95	Study of standalone RPC detectors for cosmic ray experiments in outdoor environment. Journal of Instrumentation, 2013, 8, T03004-T03004.	0.5	9
96	Inclusive pion and \bar{p} production in p +Nb collisions at 3.5 GeV beam energy. Physical Review C, 2013, 88, .	1.1	14
97	Observation of tumor morphological changes in lung irradiation with orthogonal ray imaging: RTmonitoring - A simulation study. , 2013, , .		0
98	Performance of the HADES-TOF RPC wall in a Au + Au beam at 1.25 AGeV. Journal of Instrumentation, 2013, 8, P01004-P01004.	0.5	7
99	Frequency-domain formulation of signal propagation in multistrip Resistive Plate Chambers and its low-loss, weak-coupling analytical approximation. Journal of Instrumentation, 2013, 8, P08007-P08007.	0.5	5
100	Hades experiments: investigation of hadron in-medium properties. Journal of Physics: Conference Series, 2013, 420, 012013.	0.3	5
101	Proton induced dielectron radiation off Nb: Pt and Y distributions. Journal of Physics: Conference Series, 2013, 426, 012034.	0.3	1
102	Survey of physical modelling in Resistive Plate Chambers. Journal of Instrumentation, 2013, 8, P11001-P11001.	0.5	16
103	Multiple coils in a conducting liquid for deep and whole-brain transcranial magnetic stimulation. I. Single-frequency excitation. , 2012, , .		3
104	Experimental sub-millimeter resolution with a small-animal RPC-PET prototype. , 2012, , .		1
105	On lesion detectability by means of 300ps-FWHM TOF whole-body RPC-PET: An experiment-based simulation study. , 2012, , .		1
106	The dp-elastic cross section measurement at the deuteron kinetic energy of 2.5 GeV. EPJ Web of Conferences, 2012, 37, 09021.	0.1	1
107	Development and preliminary tests of resistive microdot and microstrip detectors. Journal of Instrumentation, 2012, 7, P12003-P12003.	0.5	3
108	Analysis of the space-time microstructure of cosmic ray air showers using the HADES RPC TOF wall. Journal of Instrumentation, 2012, 7, P10007-P10007.	0.5	4

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109	TOFtracker: gaseous detector with bidimensional tracking and time-of-flight capabilities. Journal of Instrumentation, 2012, 7, P11012-P11012.	0.5	23
110	The HADES-at-FAIR project. Physics of Atomic Nuclei, 2012, 75, 589-593.	0.1	7
111	Strange baryon resonances in pp collisions measured with HADES. Hyperfine Interactions, 2012, 213, 63-70.	0.2	0
112	Baryonic resonances close to the K^*_{Λ} threshold: The case of $\Lambda(1385)^+$ in pp collisions. Physical Review C, 2012, 85, .	1.1	37
113	Scatter Fraction, count rates, and Noise Equivalent Count Rate of an RPC TOF-PET system: Simulation study following the NEMA NU2-2001 standards. , 2012, , .		1
114	Whole-Body Single-Bed Time-of-Flight RPC-PET: Simulation of Axial and Planar Sensitivities With NEMA and Anthropomorphic Phantoms. IEEE Transactions on Nuclear Science, 2012, 59, 520-529.	1.2	24
115	First measurement of proton-induced low-momentum dielectron radiation off cold nuclear matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 715, 304-309.	1.5	42
116	Secondary effects on electron multiplication in pure isobutane. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 162-166.	0.7	3
117	Inclusive dielectron spectra in p+p collisions at 3.5 GeV kinetic beam energy. European Physical Journal A, 2012, 48, 1.	1.0	58
118	Multiple coils in a conducting liquid for deep and whole-brain transcranial magnetic stimulation. II. Multiple-frequency excitation. , 2012, , .		3
119	Resonance production in p+p, p+A and A+A collisions measured with HADES. EPJ Web of Conferences, 2012, 36, 00015.	0.1	0
120	Determination of the $\Lambda(1385)^0/\Lambda(1405)$ ratio in p+p collisions at 3.5 GeV. Hyperfine Interactions, 2012, 210, 45-51.	0.2	7
121	Spatial resolution of human RPC-PET system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S156-S158.	0.7	14
122	RPC HADES-TOF wall cosmic ray test performance. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S114-S117.	0.7	6
123	Systematic study of gas mixtures for timing RPCs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S194-S197.	0.7	18
124	Quantification and inhibition of the gas polymerization process in timing RPCs. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S222-S225.	0.7	1
125	Advances in the development of micropattern gaseous detectors with resistive electrodes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 661, S153-S155.	0.7	26
126	Experimental investigations on the first Townsend coefficient in pure isobutane. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 670, 55-60.	0.7	11

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127	Production of in reactions at 3.5 GeV beam energy. Nuclear Physics A, 2012, 881, 178-186.	0.6	14
128	Measurements of Electron Drift Velocity in Isobutane using the Pulsed Townsend Technique. , 2011, , .		0
129	Inclusive e^+e^- pair production in p+p and p+Nb collisions at $E_{kin} = 3.5$ GeV. Journal of Physics: Conference Series, 2011, 316, 012007.	0.3	3
130	Determination of the First Townsend Coefficient in Pure Isobutane. , 2011, , .		0
131	Hyperon production in Ar + KCl collisions at 1.76A GeV. European Physical Journal A, 2011, 47, 1.	1.0	70
132	pp and $\bar{\nu}\nu$ intensity interferometry in collisions of Ar+KCl at 1.76A GeV. European Physical Journal A, 2011, 47, 1.	1.0	9
133	Dielectron production in Ar + KCl collisions at 1.76 $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\rangle \langle \text{mml:mi} \rangle A \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ GeV. Physical Review C, 2011, 84, .	1.1	78
134	Dose-free monitoring of radiotherapy treatments with scattered photons: First experimental results at a 6-MV Linac. , 2011, , .		1
135	A direct time-of-flight reconstruction for whole-body single-bed RPC-PET: Results from lesion and anthropomorphic simulated data. , 2011, , .		5
136	Dose-free monitoring of radiotherapy treatments with scattered photons: Concept and simulation study. , 2011, , .		3
137	DILEPTON PRODUCTION STUDIED WITH THE HADES SPECTROMETER. International Journal of Modern Physics A, 2011, 26, 384-389.	0.5	3
138	Studies of Gaseous Multiplication Coefficient in Isobutane. , 2010, , .		1
139	A dedicated setup for the measurement of the electron transport parameters in gases at large electric fields. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 613, 40-45.	0.7	16
140	Origin of the low-mass electron pair excess in light nucleus \hat{A} nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 118-122.	1.5	85
141	Dilepton Production at SIS Energies Studied with HADES. Nuclear Physics A, 2010, 834, 298c-302c.	0.6	1
142	On the physics and technology of gaseous particle detectors. Plasma Sources Science and Technology, 2010, 19, 034021.	1.3	12
143	In-medium effects on $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$		
144	in collisions of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{b} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a} \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ femtoscop	1.1	10

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145	Studying Hadron Properties in Baryonic Matter with HADES. , 2010, , .		0
146	Performances of 4-gap timing RPCs for relativistic ions in the range $Z < i>Z </i> = 1 \hat{e}^{-6}$. Journal of Instrumentation, 2009, 4, P11007-P11007.	0.5	9
147	$\hat{z} \hat{a}^{\prime}$ Production in $Ar < /mml:mi> + < /mml:mo> < /mml:mo> < /mml:mi> KCl < /mml:mi> < /mml:math>$ Reactions at $K < /mml:mi> < /mml:mo> < /mml:mo> < /mml:mi> < /mml:math>$	2.9	74
148	\hat{z} decay: A relevant source for $K < /mml:mi> < /mml:mo> < /mml:mo> < /mml:mi> < /mml:math>$ at energies available at the GSI Schwerionen-Synchrotron (SIS)?. Physical Review C, 2009, 80, .	1	2
149	Whole-body single-bed time-of-flight RPC-PET: Simulation of axial and planar sensitivities with NEMA and anthropomorphic phantoms. , 2009, , .		2
150	MESON AND DI-ELECTRON PRODUCTION WITH HADES. International Journal of Modern Physics A, 2009, 24, 317-326.	0.5	5
151	The identification of rare charged kaons in heavy-ion collisions at relativistic energies by time-of-flight with the HADES spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 830-834.	0.7	3
152	The HADES Collaboration. Nuclear Physics A, 2009, 830, 957c.	0.6	0
153	In-beam measurements of the HADES-TOF RPC wall. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 691-695.	0.7	23
154	Efficiency of RPC detectors for whole-body human TOF-PET. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 780-783.	0.7	39
155	Progress in developing hybrid RPC: GEM-like detectors with resistive electrodes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 850-853.	0.7	9
156	The CBM Collaboration. Nuclear Physics A, 2009, 830, 942c-944c.	0.6	1
157	The HADES RPC inner TOF wall. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 687-690.	0.7	50
158	A long-run study of aging in glass timing RPCs with analysis of the deposited material. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 775-779.	0.7	7
159	Custom pulse generator for RPC testing. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 602, 801-804.	0.7	3
160	Measurement of charged pions in $12C + 12C$ collisions at 1 A GeV and 2 A GeV with HADES. European Physical Journal A, 2009, 40, 45-59.	1.0	28
161	Measurement of low-mass $e + e \hat{a}^{\prime}$ pair production in 1 and 2 \hat{e}^{-6} $C \hat{e}^{-C}$ collision with HADES. European Physical Journal C, 2009, 62, 81-84.	1.4	2
162	Study of dielectron production in $C < /mml:mi> + < /mml:mo> < /mml:mo> < /mml:mi> < /mml:math>$ collisions at $C < /mml:mi> < /mml:mo> < /mml:mo> < /mml:mi> < /mml:math>$	1.5	83

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163	Dielectron spectroscopy at 1-2 AGeV with HADES†. European Physical Journal A, 2008, 38, 163-166.	1.0	0
164	DIELECTRON PRODUCTION IN C + C AND p + p COLLISIONS WITH HADES. International Journal of Modern Physics A, 2007, 22, 388-396.	0.5	2
165	Dielectron production in $^{12}\text{C} + ^{12}\text{C}$ collisions at $2 <i>A</i>$ GeV with HADES. Journal of Physics G: Nuclear and Particle Physics, 2007, 34, S1041-S1045.	1.4	1
166	Sensitivity assessment of wide Axial Field of View PET systems via Monte Carlo simulations of NEMA-like measurements. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 485-488.	0.7	25
167	RPC€“PET: Status and perspectives. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 915-918.	0.7	28
168	Dilepton production in pp and CC collisions with HADES. European Physical Journal A, 2007, 31, 831-835.	1.0	6
169	Accurate timing of gamma rays with high-rate Resistive Plate Chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 573, 4-7.	0.7	6
170	The first applications of newly developed gaseous detectors with resistive electrodes for UV imaging in daylight conditions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 1036-1041.	0.7	14
171	RPC-PET: A New Very High Resolution PET Technology. IEEE Transactions on Nuclear Science, 2006, 53, 2489-2494.	1.2	43
172	Very high position resolution gamma imaging with resistive plate chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 567, 96-99.	0.7	5
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