

Grzegorz Korcyl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/595651/publications.pdf>

Version: 2024-02-01

150
papers

2,829
citations

147726

31
h-index

223716

46
g-index

151
all docs

151
docs citations

151
times ranked

1221
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Data Processing Pipeline for Trigger Readout Board-Based Data Acquisition Systems. IEEE Transactions on Nuclear Science, 2022, 69, 1765-1772.	1.2	2
2	Synchronization and Calibration of the 24-Modules J-PET Prototype With 300-mm Axial Field of View. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	2.4	8
3	The potential of Λ and Ξ^{\prime} studies with PANDA at FAIR. European Physical Journal A, 2021, 57, 1.	1.0	5
4	Study of excited Ξ baryons with the PANDA detector. European Physical Journal A, 2021, 57, 1.	1.0	2
5	PANDA Phase One. European Physical Journal A, 2021, 57, 1.	1.0	38
6	The J-PET detector—a tool for precision studies of ortho-positronium decays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1008, 165452.	0.7	19
7	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
8	Simulating NEMA characteristics of the modular total-body J-PET scanner—an economic total-body PET from plastic scintillators. Physics in Medicine and Biology, 2021, 66, 175015.	1.6	48
9	Testing CPT symmetry in ortho-positronium decays with positronium annihilation tomography. Nature Communications, 2021, 12, 5658.	5.8	49
10	Optimisation of the event-based TOF filtered back-projection for online imaging in total-body J-PET. Medical Image Analysis, 2021, 73, 102199.	7.0	10
11	Feasibility studies for the measurement of time-like proton electromagnetic form factors from $p \rightarrow \mu^+ \mu^-$ at PANDA at FAIR. European Physical Journal A, 2021, 57, 1.	1.0	7
12	Positronium imaging with the novel multiphoton PET scanner. Science Advances, 2021, 7, eabh4394.	4.7	79
13	Towards Lattice Quantum Chromodynamics on FPGA devices. Computer Physics Communications, 2020, 249, 107029.	3.0	3
14	3D TOF-PET image reconstruction using total variation regularization. Physica Medica, 2020, 80, 230-242.	0.4	13
15	Two-pion production in the second resonance region in $\sqrt{s} = 1.02 - 1.04$ GeV collisions with the High-Acceptance Di-Electron Spectrometer (HADES). Physical Review C, 2020, 102, .	1.1	51
16	Proton-number fluctuations in $\sqrt{s} = 1.02 - 1.04$ GeV collisions studied with the High-Acceptance Di-Electron Spectrometer (HADES). Physical Review C, 2020, 102, .	1.1	51
17	Development of Forward Tracker. Journal of Physics: Conference Series, 2020, 1667, 012028.	0.3	1
18	A Simple Approach for Experimental Characterization and Validation of Proton Pencil Beam Profiles. Frontiers in Physics, 2020, 8, .	1.0	6

#	ARTICLE	IF	CITATIONS
19	Hit-Time and Hit-Position Reconstruction in Strips of Plastic Scintillators Using Multithreshold Readouts. IEEE Transactions on Radiation and Plasma Medical Sciences, 2020, 4, 528-537.	2.7	3
20	Identical pion intensity interferometry at $\sqrt{s_{\mathrm{NN}}}=2.4$ – $\sqrt{s_{\mathrm{NN}}}$ GeV. European Physical Journal A, 2020, 56, 1.	1.0	10
21	J-PET Framework: Software platform for PET tomography data reconstruction and analysis. SoftwareX, 2020, 11, 100487.	1.2	20
22	Directed, Elliptic, and Higher Order Flow Harmonics of Protons, Deuterons, and Tritons in Au+Au collisions at $\sqrt{s_{\mathrm{NN}}}=2.4$ – $\sqrt{s_{\mathrm{NN}}}$ GeV. European Physical Journal A, 2020, 56, 1.	2.9	43
23	Charged-pion production in Au+Au collisions at $\sqrt{s_{\mathrm{NN}}}=2.4$ – $\sqrt{s_{\mathrm{NN}}}$ GeV. European Physical Journal A, 2020, 56, 1.	1.0	15
24	Estimating relationship between the time over threshold and energy loss by photons in plastic scintillators used in the J-PET scanner. EJNMMI Physics, 2020, 7, 39.	1.3	21
25	Performance assessment of the $2\hat{1}^3$ positronium imaging with the total-body PET scanners. EJNMMI Physics, 2020, 7, 44.	1.3	44
26	Strong Absorption of Hadrons with Hidden and Open Strangeness in Nuclear Matter. Physical Review Letters, 2019, 123, 022002.	2.9	22
27	Probing dense baryon-rich matter with virtual photons. Nature Physics, 2019, 15, 1040-1045.	6.5	86
28	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
29	Sub-threshold production of K^0_S mesons and Λ hyperons in Au+Au collisions at $\sqrt{s_{\mathrm{NN}}}=2.4$ – $\sqrt{s_{\mathrm{NN}}}$ GeV. European Physical Journal A, 2020, 56, 1.	1.5	23
30	Simulation studies of annihilation-photon ϵ^{TMs} polarisation via Compton scattering with the J-PET tomograph. Hyperfine Interactions, 2019, 240, 1.	0.2	1
31	Study of the performance of prototypes of straw tube tracker by measuring cosmic rays. EPJ Web of Conferences, 2019, 199, 05022.	0.1	0
32	Time-Like Baryon Transitions studies with HADES. EPJ Web of Conferences, 2019, 199, 01008.	0.1	10
33	Precision resonance energy scans with the PANDA experiment at FAIR. European Physical Journal A, 2019, 55, 1.	1.0	27
34	Feasibility study of the positronium imaging with the J-PET tomograph. Physics in Medicine and Biology, 2019, 64, 055017.	1.6	97
35	Technical design report for the \overline{P} ANDA Barrel DIRC detector. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 045001.	1.4	28
36	Readout Electronics and Data Acquisition for Gaseous Tracking Detectors. IEEE Transactions on Nuclear Science, 2018, 65, 821-827.	1.2	5

#	ARTICLE	IF	CITATIONS
37	$\tilde{\chi}_0^0$ 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
38	Feasibility Study of the Time Reversal Symmetry Tests in Decay of Metastable Positronium Atoms with the J-PET Detector. Advances in High Energy Physics, 2018, 2018, 1-10.	0.5	3
39	Feasibility studies of the polarization of photons beyond the optical wavelength regime with the J-PET detector. European Physical Journal C, 2018, 78, 970.	1.4	32
40	Studies of discrete symmetries in decays of positronium atoms. EPJ Web of Conferences, 2018, 181, 01019.	0.1	0
41	A feasibility study of the time reversal violation test based on polarization of annihilation photons from the decay of ortho-Positronium with the J-PET detector. Hyperfine Interactions, 2018, 239, 1.	0.2	2
42	Commissioning of the J-PET detector in view of the positron annihilation lifetime spectroscopy. Hyperfine Interactions, 2018, 239, 1.	0.2	10
43	Centrality determination of Au + Au collisions at 1.23A GeV with HADES. European Physical Journal A, 2018, 54, 1.	1.0	43
44	Evaluation of Single-Chip, Real-Time Tomographic Data Processing on FPGA SoC Devices. IEEE Transactions on Medical Imaging, 2018, 37, 2526-2535.	5.4	57
45	Pressure stabilized straw tube modules for the PANDA Forward Tracker. Journal of Instrumentation, 2018, 13, P06009-P06009.	0.5	9
46	Estimating the NEMA characteristics of the J-PET tomograph using the GATE package. Physics in Medicine and Biology, 2018, 63, 165008.	1.6	49
47	Deep sub-threshold $\tilde{\chi}_0^0$ production in Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 403-407.	1.5	32
48	Measurement of gamma quantum interaction point in plastic scintillator with WLS strips. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 851, 39-42.	0.7	25
49	Calculation of the time resolution of the J-PET tomograph using kernel density estimation. Physics in Medicine and Biology, 2017, 62, 5076-5097.	1.6	31
50	Dalitz decay in proton-proton collisions at $\sqrt{s} = 1.232$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 778, 403-407.	1.1	19
51	Transition distribution amplitudes at $\sqrt{s} = 1.25$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 778, 403-407.	1.6	21
52	A facility for pion-induced nuclear reaction studies with HADES. European Physical Journal A, 2017, 53, 1.	1.0	18
53	Analysis of the exclusive final state $npe+e^-$ in the quasi-free np reaction. European Physical Journal A, 2017, 53, 1.	1.0	11
54	Design of the forward straw tube tracker for the PANDA experiment. Journal of Instrumentation, 2017, 12, C06032-C06032.	0.5	8

#	ARTICLE	IF	CITATIONS
55	Multichannel FPGA based MVT system for high precision time (20 ps RMS) and charge measurement. Journal of Instrumentation, 2017, 12, P08001-P08001.	0.5	56
56	Novel scintillating material 2-(4-styrylphenyl)benzoxazole for the fully digital and MRI compatible J-PET tomograph based on plastic scintillators. PLoS ONE, 2017, 12, e0186728.	1.1	13
57	A Method to Produce Linearly Polarized Positrons and Positronium Atoms with the J-PET Detector. Acta Physica Polonica A, 2017, 132, 1486-1490.	0.2	6
58	Human Tissue Investigations Using PALS Technique - Free Radicals Influence. Acta Physica Polonica A, 2017, 132, 1556-1559.	0.2	15
59	Analysis Procedure of the Positronium Lifetime Spectra for the J-PET Detector. Acta Physica Polonica A, 2017, 132, 1637-1641.	0.2	7
60	Time Calibration of the J-PET Detector. Acta Physica Polonica A, 2017, 132, 1641-1645.	0.2	3
61	Preliminary Studies of J-PET Detector Spatial Resolution. Acta Physica Polonica A, 2017, 132, 1645-1649.	0.2	13
62	J-PET: A New Technology for the Whole-body PET Imaging. Acta Physica Polonica B, 2017, 48, 1567.	0.3	84
63	Introduction of Total Variation Regularization into Filtered Backprojection Algorithm. Acta Physica Polonica B, 2017, 48, 1611.	0.3	1
64	Human Tissues Investigation Using PALS Technique. Acta Physica Polonica B, 2017, 48, 1737.	0.3	30
65	Three-dimensional Image Reconstruction in J-PET Using Filtered Back-projection Method. Acta Physica Polonica B, 2017, 48, 1757.	0.3	6
66	Commissioning of the J-PET Detector for Studies of Decays of Positronium Atoms. Acta Physica Polonica B, 2017, 48, 1961.	0.3	10
67	ADC interface for data server with data preselection for luminosity detector in AIDA-2020 project. Proceedings of SPIE, 2017, , .	0.8	0
68	Studies of discrete symmetries in a purely leptonic system using the Jagiellonian Positron Emission Tomograph. EPJ Web of Conferences, 2016, 130, 07015.	0.1	0
69	J-PET: A Novel TOF-PET Detector based on Plastic Scintillators. , 2016, , .		3
70	The mobile PET insert for simultaneous PET/MRI imaging. Radiotherapy and Oncology, 2016, 118, S117-S118.	0.3	1
71	Study of doubly strange systems using stored antiprotons. Nuclear Physics A, 2016, 954, 323-340.	0.6	22
72	<math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">\hat{b}</mml:mi><mml:mi>p</mml:mi></mml:mrow></math> interaction studied via femtoscopy in <math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi><mml:mrow><mml:mi>+</mml:mi><mml:mrow><mml:mi>N</mml:mi></mml:math> reactions at <math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi></math>	1.1	25

#	ARTICLE	IF	CITATIONS
73	Novel J-PET scanner combined with positron annihilation lifetime spectroscopy technique as a tool for morphometric imaging. <i>Physica Medica</i> , 2016, 32, 231-232.	0.4	1
74	Application of the compress sensing theory for improvement of the TOF resolution in a novel J-PET instrument. <i>Nukleonika</i> , 2016, 61, 35-39.	0.3	3
75	Statistical analysis of time resolution of the J-PET scanner. , 2016, , .		0
76	Development of a dedicated front-end electronics for straw tube trackers in the PANDA experiment. <i>Journal of Instrumentation</i> , 2016, 11, P08009-P08009.	0.5	12
77	A feasibility study of ortho-positronium decays measurement with the J-PET scanner based on plastic scintillators. <i>European Physical Journal C</i> , 2016, 76, 445.	1.4	52
78	Feasibility studies of time-like proton electromagnetic form factors at $\sqrt{s} = P \hat{A}^-$ ANDA at FAIR. <i>European Physical Journal A</i> , 2016, 52, 1.	1.0	31
79	Strange hadron production at SIS energies: an update from HADES. <i>Journal of Physics: Conference Series</i> , 2016, 668, 012022.	0.3	4
80	Time resolution of the plastic scintillator strips with matrix photomultiplier readout for J-PET tomograph. <i>Physics in Medicine and Biology</i> , 2016, 61, 2025-2047.	1.6	99
81	Trilateration-based reconstruction of ortho-positronium decays into three photons with the J-PET detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 819, 54-59.	0.7	42
82	Determination of the γ Fraction from Positron Annihilation in Mesoporous Materials for Symmetry Violation Experiment with J-PET Scanner. <i>Acta Physica Polonica B</i> , 2016, 47, 453.	0.3	25
83	Sampling FEE and Trigger-less DAQ for the J-PET Scanner. <i>Acta Physica Polonica B</i> , 2016, 47, 491.	0.3	36
84	Potential of the J-PET Detector for Studies of Discrete Symmetries in Decays of Positronium Atom -- A Purely Leptonic System. <i>Acta Physica Polonica B</i> , 2016, 47, 509.	0.3	46
85	Beam Profile Investigation of the New Collimator System for the J-PET Detector. <i>Acta Physica Polonica B</i> , 2016, 47, 537.	0.3	4
86	Scatter Fraction of the J-PET Tomography Scanner. <i>Acta Physica Polonica B</i> , 2016, 47, 549.	0.3	21
87	Overview of the Software Architecture and Data Flow for the J-PET Tomography Device. <i>Acta Physica Polonica B</i> , 2016, 47, 561.	0.3	19
88	J-PET detector system for studies of the electron-positron annihilations. <i>EPJ Web of Conferences</i> , 2016, 130, 07020.	0.1	0
89	$\langle \text{mml:math} \rangle$ $\text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \rangle K \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle ^* \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle E \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{beam} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle$ in proton-proton collisions at $\sqrt{s} = 1.1$ TeV. <i>Physical Review C</i> , 2015, 92, .	1.1	5
90	A novel TOF-PET detector based on plastic scintillators. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
91	Studies of unicellular microorganisms <i>Saccharomyces cerevisiae</i> by means of positron annihilation lifetime spectroscopy. Nukleonika, 2015, 60, 749-753.	0.3	13
92	Processing optimization with parallel computing for the J-PET scanner. Nukleonika, 2015, 60, 745-748.	0.3	5
93	PALS investigations of free volumes thermal expansion of J-PET plastic scintillator synthesized in polystyrene matrix. Nukleonika, 2015, 60, 777-781.	0.3	4
94	Highlights of Resonance Measurements With HADES. EPJ Web of Conferences, 2015, 97, 00015.	0.1	0
95	Investigating hadronic resonances in pp interactions with HADES. EPJ Web of Conferences, 2015, 97, 00024.	0.1	1
96	An ultra-high resolution preclinical positron emission tomography scanner. , 2015, , .		0
97	GPU Accelerated Image Reconstruction in a Two-Strip J-PET Tomograph. Acta Physica Polonica A, 2015, 127, 1500-1504.	0.2	5
98	Analysis Framework for the J-PET Scanner. Acta Physica Polonica A, 2015, 127, 1491-1494.	0.2	24
99	Multiple Scattering and Accidental Coincidences in the J-PET Detector Simulated Using GATE Package. Acta Physica Polonica A, 2015, 127, 1505-1512.	0.2	18
100	A novel method for the line-of-response and time-of-flight reconstruction in TOF-PET detectors based on a library of synchronized model signals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 775, 54-62.	0.7	73
101	Hit Time and Hit Position Reconstruction in the J-PET Detector Based on a Library of Averaged Model Signals. Acta Physica Polonica A, 2015, 127, 1495-1499.	0.2	13
102	A Pilot Study of the Novel J-PET Plastic Scintillator with 2-(4-styrylphenyl)benzoxazole as a Wavelength Shifter. Acta Physica Polonica A, 2015, 127, 1487-1490.	0.2	11
103	Compressive sensing of signals generated in plastic scintillators in a novel J-PET instrument. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 786, 105-112.	0.7	46
104	Experimental access to Transition Distribution Amplitudes with the π^0 ANDA experiment at FAIR. European Physical Journal A, 2015, 51, 1.	1.0	29
105	Searches for discrete symmetries violation in ortho-positronium decay using the J-PET detector. Nukleonika, 2015, 60, 729-732.	0.3	3
106	Reconstruction of hit time and hit position of annihilation quanta in the J-PET detector using the Mahalanobis distance. Nukleonika, 2015, 60, 765-769.	0.3	11
107	Measurement of the quasi free $n\bar{p}$ and $p\bar{n}$ reactions at 1.25 GeV With HADES. EPJ Web of Conferences, 2014, 81, 02009.	0.1	1
108	HADES results in elementary reactions. EPJ Web of Conferences, 2014, 81, 01003.	0.1	0

#	ARTICLE	IF	CITATIONS
109	Tracking with Straw Tubes in the PANDA Experiment. EPJ Web of Conferences, 2014, 66, 11007.	0.1	0
110	A novel method based solely on field programmable gate array (FPGA) units enabling measurement of time and charge of analog signals in positron emission tomography (PET). Bio-Algorithms and Med-Systems, 2014, 10, 41-45.	1.0	31
111	3D PET image reconstruction based on the maximum likelihood estimation method (MLEM) algorithm. Bio-Algorithms and Med-Systems, 2014, 10, 1-7.	1.0	13
112	Computing support for advanced medical data analysis and imaging. Bio-Algorithms and Med-Systems, 2014, 10, 53-58.	1.0	3
113	Simulations of \hat{I}^3 quanta scattering in a single module of the J-PET detector. Bio-Algorithms and Med-Systems, 2014, 10, 71-77.	1.0	5
114	Trigger-less and reconfigurable data acquisition system for positron emission tomography. Bio-Algorithms and Med-Systems, 2014, 10, 37-40.	1.0	20
115	Determination of the map of efficiency of the Jagiellonian Positron Emission Tomograph (J-PET) detector with the GATE package. Bio-Algorithms and Med-Systems, 2014, 10, 85-90.	1.0	3
116	J-PET analysis framework for the prototype TOF-PET detector. Bio-Algorithms and Med-Systems, 2014, 10, 33-36.	1.0	7
117	A novel method for calibration and monitoring of time synchronization of TOF-PET scanners by means of cosmic rays. Bio-Algorithms and Med-Systems, 2014, 10, 19-25.	1.0	3
118	Plastic scintillators for positron emission tomography obtained by the bulk polymerization method. Bio-Algorithms and Med-Systems, 2014, 10, 27-31.	1.0	19
119	Database and data structure for the novel TOF-PET detector developed for the J-PET project. Bio-Algorithms and Med-Systems, 2014, 10, 79-83.	1.0	4
120	Application of WLS strips for position determination in strip PET tomograph based on plastic scintillators. Bio-Algorithms and Med-Systems, 2014, 10, 59-63.	1.0	5
121	Medium effects in proton-induced K^0 production in $p+p$ collisions at 3.5 GeV. Physical Review C, 2014, 90, .	1.1	16
122	Associate K^0 production in $p+p$ collisions at 3.5 GeV: The role of $\hat{I}^3(1232)^{++}$. Physical Review C, 2014, 90, .	1.1	16
123	Calibration of photomultipliers gain used in the J-PET detector. Bio-Algorithms and Med-Systems, 2014, 10, 13-17.	1.0	5
124	List-mode reconstruction in 2D strip PET. Bio-Algorithms and Med-Systems, 2014, 10, 9-12.	1.0	2
125	Test of a single module of the J-PET scanner based on plastic scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 317-321.	0.7	109
126	Novel method for hit-position reconstruction using voltage signals in plastic scintillators and its application to Positron Emission Tomography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 764, 186-192.	0.7	51

#	ARTICLE	IF	CITATIONS
127	Towards very high resolution RPC-PET for small animals. Journal of Instrumentation, 2014, 9, C10012-C10012.	0.5	15
128	Time of flight measurement in heavy-ion collisions with the HADES RPC TOF wall. Journal of Instrumentation, 2014, 9, C11015-C11015.	0.5	6
129	In-medium hadron properties measured with HADES. EPJ Web of Conferences, 2014, 66, 04023.	0.1	1
130	Low mass dielectrons radiated off cold nuclear matter measured with HADES. EPJ Web of Conferences, 2014, 66, 09011.	0.1	0
131	Electromagnetic Calorimeter for HADES Experiment. EPJ Web of Conferences, 2014, 81, 06009.	0.1	3
132	141: A novel TOF-PET detector based on organic scintillators. Radiotherapy and Oncology, 2014, 110, S69-S70.	0.3	9
133	Technical design report for the <u>AND</u> A (AntiProton Annihilations at Darmstadt) Straw Tube Tracker. European Physical Journal A, 2013, 49, 1.	1.0	71
134	final state: Towards the extraction of the K^0 \rightarrow $\pi^0 \pi^0$ decay. Nuclear Physics A, 2013, 914, 60-68.	0.6	36
135	The straw tube trackers of the PANDA experiment. , 2013, , .		0
136	Achieving 0.4-mm FWHM spatial resolution with an RPC-based small-animal PET prototype. , 2013, , .		1
137	264 Channel TDC Platform applying 65 channel high precision (7.2 psRMS) FPGA based TDCs. , 2013, , .		27
138	Particle identification using the time-over-threshold measurements in straw tube detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 573-574.	0.7	5
139	Hades experiments: investigation of hadron in-medium properties. Journal of Physics: Conference Series, 2013, 420, 012013.	0.3	5
140	In-beam experience with a highly granular DAQ and control network: TrbNet. Journal of Instrumentation, 2013, 8, C02034-C02034.	0.5	1
141	TRB3: a 264 channel high precision TDC platform and its applications. Journal of Instrumentation, 2013, 8, C12043-C12043.	0.5	65
142	Application of Compressive Sensing Theory for the Reconstruction of Signals in Plastic Scintillators. Acta Physica Polonica B, Proceedings Supplement, 2013, 6, 1121.	0.0	3
143	Experimental sub-millimeter resolution with a small-animal RPC-PET prototype. , 2012, , .		1
144	Thedp-elastic cross section measurement at the deuteron kinetic energy of 2.5 GeV. EPJ Web of Conferences, 2012, 37, 09021.	0.1	1

#	ARTICLE	IF	CITATIONS
145	TOFtracker: gaseous detector with bidimensional tracking and time-of-flight capabilities. Journal of Instrumentation, 2012, 7, P11012-P11012.	0.5	23
146	The HADES-at-FAIR project. Physics of Atomic Nuclei, 2012, 75, 589-593.	0.1	7
147	The HADES DAQ System: Trigger and Readout Board Network. IEEE Transactions on Nuclear Science, 2011, 58, 1745-1750.	1.2	26
148	A compact system for high precision time measurements (≤ 14 ps RMS) and integrated data acquisition for a large number of channels. Journal of Instrumentation, 2011, 6, C12004-C12004.	0.5	35
149	The upgraded HADES trigger and data acquisition system. Journal of Instrumentation, 2011, 6, C12056-C12056.	0.5	12
150	DILEPTON PRODUCTION STUDIED WITH THE HADES SPECTROMETER. International Journal of Modern Physics A, 2011, 26, 384-389.	0.5	3