

# Pawel Moskal

## List of Publications by Year in descending order

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400  
papers

7,027  
citations

50276

46  
h-index

91884

69  
g-index

408  
all docs

408  
docs citations

408  
times ranked

3599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kaonic atoms measurements at the DAΦNE collider: the SIDDHARTA-2 experiment. EPJ Web of Conferences, 2022, 258, 07006.	0.3	0
2	A new kaonic helium measurement in gas by SIDDHARTINO at the DAΦNE collider*. Journal of Physics G: Nuclear and Particle Physics, 2022, 49, 055106.	3.6	9
3	Precision tests of quantum mechanics and $CPT$ symmetry with entangled neutral kaons at KLOE. Journal of High Energy Physics, 2022, 2022, 1.	4.7	3
4	New trends in theranostics. Bio-Algorithms and Med-Systems, 2022, 17, 199-202.	2.4	3
5	Positronium as a biomarker of hypoxia. Bio-Algorithms and Med-Systems, 2022, 17, 311-319.	2.4	24
6	Novel biomarker and drug delivery systems for theranostics – extracellular vesicles. Bio-Algorithms and Med-Systems, 2022, 17, 301-309.	2.4	10
7	Unparalleled and revolutionary impact of PET imaging on research and day to day practice of medicine. Bio-Algorithms and Med-Systems, 2022, 17, 203-212.	2.4	27
8	Main Features of the SIDDHARTA-2 Apparatus for Kaonic Deuterium X-Ray Measurements. EPJ Web of Conferences, 2022, 262, 01016.	0.3	1
9	Large area silicon drift detectors system for high precision timed x-ray spectroscopy. Measurement Science and Technology, 2022, 33, 095502.	2.6	13
10	Kaonic atoms at the DAΦNE collider with the SIDDHARTA-2 experiment. Physica Scripta, 2022, 97, 084006.	2.5	4
11	Study of the influence of hyperglycemia on the abundance of amino acids, fatty acids, and selected lipids in extracellular vesicles using TOF-SIMS. Biochemical and Biophysical Research Communications, 2022, 622, 30-36.	2.1	7
12	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.	4.7	8
13	Low-energy Kaon Nucleon/Nuclei Studies at DAΦNE: the SIDDHARTA-2 Experiment. Acta Physica Polonica B, Proceedings Supplement, 2021, 14, 49.	0.1	2
14	On the $K^{\pm}$ Absorptions in Light Nuclei by AMADEUS. Few-Body Systems, 2021, 62, 1.	1.5	4
15	The potential of $\Lambda$ and $\Xi$ studies with PANDA at FAIR. European Physical Journal A, 2021, 57, 1.	2.5	5
16	Study of excited $\Xi$ baryons with the $PANDA$ detector. European Physical Journal A, 2021, 57, 1.	2.5	2
17	Silicon drift detectors system for high-precision light kaonic atoms spectroscopy. Measurement Science and Technology, 2021, 32, 095501.	2.6	16
18	PANDA Phase One. European Physical Journal A, 2021, 57, 1.	2.5	38



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37	Studies of low-energy $K^{\wedge}$ hadronic interactions with light nuclei by AMADEUS. Journal of Physics: Conference Series, 2020, 1526, 012024.	0.4	0
38	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.	3.7	3
39	$\langle \sigma_{\text{ann}} \rangle$ for $e^+e^- \rightarrow \text{hadrons}$ at $\sqrt{s} = 2.0$ GeV. Physical Review D, 2020, 102, 034004.	4.1	8
40	Measurement of the branching fraction for the decay $K^{\wedge} \rightarrow \pi^+ \pi^- \pi^0$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135378.	4.1	10
41	Three-nucleon dynamics in $^3\text{He}$ breakup collisions using the WASA detector at COSY-Jülich. Physical Review C, 2020, 101, .	2.9	5
42	Kaonic Atoms to Investigate Global Symmetry Breaking. Symmetry, 2020, 12, 547.	2.2	16
43	Total branching ratio of the $K^{\wedge}$ two-nucleon absorption in $^{12}\text{C}$ . Physica Scripta, 2020, 95, 084012.	2.5	7
44	Characterization of the SIDDHARTA-2 luminosity monitor. Journal of Instrumentation, 2020, 15, P10010-P10010.	1.2	19
45	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.	2.7	21
46	Performance assessment of the $^2\text{He}$ positronium imaging with the total-body PET scanners. EJNMMI Physics, 2020, 7, 44.	2.7	44
47	Development of J-PEM for Breast Cancer Detection. Acta Physica Polonica A, 2020, 137, 140-144.	0.5	2
48	A Method for Time Calibration of PET Systems Using Fixed $^{60}\text{Co}$ Radioactive Source. Acta Physica Polonica B, 2020, 51, 195.	0.8	3
49	Kaonic Deuterium Measurement with SIDDHARTA-2 on DAΦNE. Acta Physica Polonica B, 2020, 51, 251.	0.8	5
50	Development of J-PEM for Breast Cancer Detection and Diagnosis Using Positronium Imaging. Acta Physica Polonica B, 2020, 51, 281.	0.8	1
51	Construction of the Vacuum Chambers for J-PET Experiments with Positron Annihilation. Acta Physica Polonica B, 2020, 51, 293.	0.8	6
52	Studies of the Ortho-positronium Lifetime for Cancer Diagnostics. Acta Physica Polonica B, 2020, 51, 377.	0.8	7
53	Spectroscopy of $^{\wedge}$ -mesic Nuclei with WASA at GSI/FAIR. Acta Physica Polonica B, 2020, 51, 39.	0.8	3
54	Investigations on Physical and Biological Range Uncertainties in Krak'ow Proton Beam Therapy Centre. Acta Physica Polonica B, 2020, 51, 9.	0.8	4

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55	Analysis of the $(pd \rightarrow pd\pi^0)$ Reaction Measured with WASA-at-COSY Facility in Order to Search for $(\eta)$ -mesic Helium. Acta Physica Polonica B, Proceedings Supplement, 2020, 13, 835.	0.1	1
56	Kaonic Deuterium Precision Measurement at DAΦNE: The SIDDHARTA-2 Experiment. Springer Proceedings in Physics, 2020, , 965-969.	0.2	1
57	Probing low-energy QCD with kaonic atoms at DAΦNE. Journal of Physics: Conference Series, 2020, 1643, 012182.	0.4	0
58	Studies of $K^{\pm}$ -nuclei interactions at low-energies by AMADEUS. Journal of Physics: Conference Series, 2020, 1643, 012081.	0.4	1
59	Search for $\Lambda^{\pm}$ -mesic nuclei using $(p,d)$ reaction with FRS/Super-FRS at GSI/FAIR. Journal of Physics: Conference Series, 2020, 1643, 012181.	0.4	0
60	Recent AMADEUS Studies of Low-Energy $K^{\pm}$ -Nucleus/Nuclei Interactions. Springer Proceedings in Physics, 2020, , 403-407.	0.2	0
61	Recent Experimental Results on the Low-energy $K^{\pm}$ Interaction with Nucleons by AMADEUS. Acta Physica Polonica B, 2020, 51, 121.	0.8	0
62	Search for polarized antiproton production. Hyperfine Interactions, 2019, 240, 1.	0.5	1
63	Witnessing Entanglement In Compton Scattering Processes Via Mutually Unbiased Bases. Scientific Reports, 2019, 9, 8166.	3.3	31
64	Monte Carlo N-Particle simulations of an underwater chemical threats detection system using neutron activation analysis. Journal of Instrumentation, 2019, 14, P09001-P09001.	1.2	6
65	Low energy antikaon-nucleon/nuclei interaction studies by AMADEUS. AIP Conference Proceedings, 2019, , .	0.4	0
66	Simulation studies of annihilation-photon's polarisation via Compton scattering with the J-PET tomograph. Hyperfine Interactions, 2019, 240, 1.	0.5	1
67	$\sigma_{K^{\pm} \rightarrow p} K^{\pm}$ - multi-nucleon absorption cross sections and branching ratios in $\Lambda p$ . European Physical Journal C, 2019, 79, 1.	3.9	27
68	$\Lambda p$ correlated production from low energy $K^{\pm} 12C$ interactions by AMADEUS. EPJ Web of Conferences, 2019, 199, 03010.	0.3	0
69	Polarization analysis of $\pi^{\pm}$ , produced in pA collisions. EPJ Web of Conferences, 2019, 199, 05013.	0.3	0
70	Drift chamber calibration and particle identification in the P-349 experiment. EPJ Web of Conferences, 2019, 199, 05017.	0.3	0
71	Positronium in medicine and biology. Nature Reviews Physics, 2019, 1, 527-529.	26.6	71
72	Spectroscopy of kaonic atoms at DAFNE and J-PARC. EPJ Web of Conferences, 2019, 199, 03004.	0.3	2

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73	Experiments with low-energy kaons at the DAΦNE Collider. Journal of Physics: Conference Series, 2019, 1137, 012037.	0.4	1
74	PV-0480 Plastic-scintillator based PET detector for proton beam therapy range monitoring: preliminary study. Radiotherapy and Oncology, 2019, 133, S246-S247.	0.6	0
75	Low Energy Antikaon-nucleon/nuclei interaction studies by AMADEUS. EPJ Web of Conferences, 2019, 199, 01014.	0.3	0
76	Examination of the production of an isotensor dibaryon in the $pp \rightarrow pp\pi^+\pi^-\pi^0$ reaction. Physical Review C, 2019, 99, .	2.9	3
77	Precision resonance energy scans with the PANDA experiment at FAIR. European Physical Journal A, 2019, 55, 1.	2.5	27
78	$\langle m \rangle$ mesons with connection to anomalous glue. Reviews of Modern Physics, 2019, 91, .	45.6	43
79	Probing Strong Interaction with SIDDHARTA-2. , 2019, , .		2
80	Feasibility study of the positronium imaging with the J-PET tomograph. Physics in Medicine and Biology, 2019, 64, 055017.	3.0	97
81	Technical design report for the $\overline{PANDA}$ Barrel DIRC detector. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 045001.	3.6	28
82	Positronium Imaging. , 2019, , .		22
83	Kaonic Atoms Measurement at DAΦNE: SIDDHARTA and SIDDHARTA-2. Springer Proceedings in Physics, 2019, , 191-195.	0.2	0
84	Kaonic atoms measurements at the DAΦNE Collider. , 2019, , .		0
85	Low-energy $K^0$ Hadronic Interactions with Light Nuclei by AMADEUS. , 2019, , .		0
86	Spin Dependence of $\langle m \rangle$ Meson Production in Proton-Proton Collisions Close to Threshold. Physical Review Letters, 2018, 120, 022002.	7.8	2
87	Combination of KLOE $f(e^+e^- \rightarrow \pi^+\pi^-\pi^0)$ measurements and determination of $a_1(1260)$ in the energy range $0.10 < \sqrt{s} < 0.95$ GeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	30
88	The kaonic atoms research program at DAΦNE: overview and perspectives. Journal of Physics: Conference Series, 2018, 1138, 012011.	0.4	1
89	A New Silicon Drift Detector System for Kaonic Atom Measurements. Journal of Physics: Conference Series, 2018, 1138, 012013.	0.4	1
90	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.	1.1	3

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91	Feasibility studies of the polarization of photons beyond the optical wavelength regime with the J-PET detector. European Physical Journal C, 2018, 78, 970.	3.9	32
92	Plastic scintillator based PET detector technique for proton therapy range monitoring: A Monte Carlo study. , 2018, , .		4
93	The kaonic atoms research program at DAΦNE: from SIDDHARTA to SIDDHARTA-2. EPJ Web of Conferences, 2018, 181, 01004.	0.3	3
94	Low energy interaction studies of negative kaons in light nuclear targets by AMADEUS. EPJ Web of Conferences, 2018, 181, 01005.	0.3	2
95	Studies of low-energy K- nuclear interactions by AMADEUS. EPJ Web of Conferences, 2018, 182, 02035.	0.3	0
96	Studies of discrete symmetries in decays of positronium atoms. EPJ Web of Conferences, 2018, 181, 01019.	0.3	0
97	A charged particle veto detector for kaonic deuterium measurements at DAΦNE. Journal of Physics: Conference Series, 2018, 1138, 012012.	0.4	5
98	Towards total-body modular PET for positronium and quantum entanglement imaging. , 2018, , .		6
99	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.	0.5	2
100	Backward single-pion production in the $p d \rightarrow \{^3\mathrm{He}\} \pi^0 p d \rightarrow ^3\mathrm{He} \bar{K}^0$ . European Physical Journal A, 2018, 54, 1.	2.5	0
101	Low-energy antikaon-nuclei interactions studies by AMADEUS: from QCD with strangeness to neutron stars. EPJ Web of Conferences, 2018, 166, 00020.	0.3	2
102	Commissioning of the J-PET detector in view of the positron annihilation lifetime spectroscopy. Hyperfine Interactions, 2018, 239, 1.	0.5	10
103	Updating spin-dependent Regge intercepts. Physical Review C, 2018, 98, .	2.9	7
104	Measurement of the charge asymmetry for the $K_S \rightarrow \pi^0 \pi^0$ decay and test of CPT symmetry with the KLOE detector. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
105	Search for C violation in the decay $\Lambda_c^+ \rightarrow \Lambda^0 e^+ e^-$ with WASA-at-COSY. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 378-384.	4.1	3
106	Combined limit on the production of a light gauge boson decaying into $\pi^0 \pi^0$ and $\pi^+ \pi^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 336-341.	4.1	26
107	Luminosity determination for the proton-deuteron reaction using $p d \rightarrow ^3\mathrm{He} \pi^+$ channel with WASA-at-COSY detector. EPJ Web of Conferences, 2018, 181, 01014.	0.3	6
108	Evaluation of Single-Chip, Real-Time Tomographic Data Processing on FPGA SoC Devices. IEEE Transactions on Medical Imaging, 2018, 37, 2526-2535.	8.9	57



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127	Genuine Multipartite Entanglement in the 3-Photon Decay of Positronium. Scientific Reports, 2017, 7, 15349.	3.3	31
128	Multichannel FPGA based MVT system for high precision time (20 ps RMS) and charge measurement. Journal of Instrumentation, 2017, 12, P08001-P08001.	1.2	56
129	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.	2.5	13
130	Experimental results on multi-nucleonic $K^+$ absorptions in light nuclei. EPJ Web of Conferences, 2017, 137, 09010.	0.3	0
131	Investigation of the low-energy kaons hadronic interactions in light nuclei by AMADEUS. EPJ Web of Conferences, 2017, 137, 09005.	0.3	2
132	Investigating the low-energy $K^+$ interactions in nuclear matter with AMADEUS. Journal of Physics: Conference Series, 2017, 841, 012023.	0.4	0
133	Search for Deeply Bound Kaonic Nuclear States with AMADEUS. EPJ Web of Conferences, 2017, 165, 01046.	0.3	0
134	Probing Strong Interaction with Kaonic Atoms...from DAΦNE to J-PARC. , 2017, , .		0
135	A Method to Produce Linearly Polarized Positrons and Positronium Atoms with the J-PET Detector. Acta Physica Polonica A, 2017, 132, 1486-1490.	0.5	6
136	Human Tissue Investigations Using PALS Technique - Free Radicals Influence. Acta Physica Polonica A, 2017, 132, 1556-1559.	0.5	15
137	Analysis Procedure of the Positronium Lifetime Spectra for the J-PET Detector. Acta Physica Polonica A, 2017, 132, 1637-1641.	0.5	7
138	Time Calibration of the J-PET Detector. Acta Physica Polonica A, 2017, 132, 1641-1645.	0.5	3
139	Preliminary Studies of J-PET Detector Spatial Resolution. Acta Physica Polonica A, 2017, 132, 1645-1649.	0.5	13
140	J-PET: A New Technology for the Whole-body PET Imaging. Acta Physica Polonica B, 2017, 48, 1567.	0.8	84
141	A New PET Diagnostic Indicator Based on the Ratio of $3\gamma/2\gamma$ Positron Annihilation. Acta Physica Polonica B, 2017, 48, 1577.	0.8	15
142	Introduction of Total Variation Regularization into Filtered Backprojection Algorithm. Acta Physica Polonica B, 2017, 48, 1611.	0.8	1
143	Human Tissues Investigation Using PALS Technique. Acta Physica Polonica B, 2017, 48, 1737.	0.8	30
144	Three-dimensional Image Reconstruction in J-PET Using Filtered Back-projection Method. Acta Physica Polonica B, 2017, 48, 1757.	0.8	6

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145	Search for the $\eta$ -mesic Helium in Proton–Deuteron Reaction. Acta Physica Polonica B, 2017, 48, 1807.	0.8	9
146	Low-energy Kaon–Nuclei Interaction Studies at DAΦNE: SIDDHARTA-2 and AMADEUS. Acta Physica Polonica B, 2017, 48, 1855.	0.8	3
147	Commissioning of the J-PET Detector for Studies of Decays of Positronium Atoms. Acta Physica Polonica B, 2017, 48, 1961.	0.8	10
148	Drift Chamber Calibration and Track Reconstruction in the P349 Antiproton Polarization Experiment. Acta Physica Polonica B, 2017, 48, 1983.	0.8	3
149	The $\rho$ - $\eta$ , $\rho$ - $^3\text{He}$ Reaction and $\eta$ , $^3\text{He}$ Bound State? The $B^* \text{ or } B^{**}$ $h_0$ System. Acta Physica Polonica B, 2017, 48, 1793.	0.8	0
150	Low-energy Antikaon–Nucleon/Nuclei Interaction Studies by AMADEUS. Acta Physica Polonica B, 2017, 48, 1875.	0.8	0
151	Underwater Detection of Dangerous Substances: Status of the SABAT Project. Acta Physica Polonica B, 2017, 48, 1675.	0.8	2
152	Low-energy Antikaon–Nucleon Absorption Studies by AMADEUS. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 1125.	0.1	0
153	Antikaon Interactions With Nucleons And Nuclei - AMADEUS At DaΦne. , 2017, , .		0
154	Search for the $\eta$ -mesic Helium bound state with the WASA-at-COSY facility. EPJ Web of Conferences, 2016, 117, 02005.	0.3	4
155	Investigation of the low-energy kaons hadronic interactions in light nuclei by AMADEUS. EPJ Web of Conferences, 2016, 130, 01016.	0.3	1
156	Determination of the analysing power for the $\rho^+ p \rightarrow \rho^+ p$ reaction using the WASA-at-COSY detector system. EPJ Web of Conferences, 2016, 130, 03010.	0.3	1
157	Studies of discrete symmetries in a purely leptonic system using the Jagiellonian Positron Emission Tomograph. EPJ Web of Conferences, 2016, 130, 07015.	0.3	0
158	Searching for $\eta$ -mesic Helium with WASA-at-COSY facility. EPJ Web of Conferences, 2016, 130, 02008.	0.3	3
159	Production and interaction of the $\eta$ -meson with nucleons and nuclei. EPJ Web of Conferences, 2016, 130, 03004.	0.3	0
160	Status of the analysis for the search of polarization in the antiproton production process. EPJ Web of Conferences, 2016, 130, 07002.	0.3	0
161	J-PET: A Novel TOF-PET Detector based on Plastic Scintillators. , 2016, , .		3
162	Status and perspectives of the search for Eta-Mesic nuclei. AIP Conference Proceedings, 2016, , .	0.4	7

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163	Limit on the production of a new vector boson in $e^+e^- \rightarrow U\bar{1}^3, U\bar{1}^+ \bar{1}^- + \bar{1}^- \bar{1}^+$ with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 356-361.	4.1	74
164	The mobile PET insert for simultaneous PET/MRI imaging. Radiotherapy and Oncology, 2016, 118, S117-S118.	0.6	1
165	Study of doubly strange systems using stored antiprotons. Nuclear Physics A, 2016, 954, 323-340.	1.5	22
166	Search for an isospin $I=3$ dibaryon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 455-461.	4.1	12
167	Novel J-PET scanner combined with positron annihilation lifetime spectroscopy technique as a tool for morphometric imaging. Physica Medica, 2016, 32, 231-232.	0.7	1
168	Application of the compress sensing theory for improvement of the TOF resolution in a novel J-PET instrument. Nukleonika, 2016, 61, 35-39.	0.8	3
169	Statistical analysis of time resolution of the J-PET scanner. , 2016, , .		0
170	A feasibility study of ortho-positronium decays measurement with the J-PET scanner based on plastic scintillators. European Physical Journal C, 2016, 76, 445.	3.9	52
171	Measurements of branching ratios for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{\langle \text{mml:mi} \rangle} \langle \text{mml:math} \rangle$ decays into charged particles. Physical Review C, 2016, 94, .	2.9	12
172	Measurement of the $\$ \overrightarrow{\text{rightarrow}} \{n\} \text{ pightarrow } \text{dpi}^{\{0\}} \text{pi}^{\{0\}} \$$ reaction with polarized beam in the region of the $d^*(2380)$ resonance. European Physical Journal A, 2016, 52, 1.	2.5	21
173	Feasibility studies of time-like proton electromagnetic form factors at $\$ \overline{\text{m P}} \$ P \hat{\text{A}}^-$ ANDA at FAIR. European Physical Journal A, 2016, 52, 1.	2.5	31
174	High-precision measurement of the associated strangeness production in proton-proton interactions. European Physical Journal A, 2016, 52, 1.	2.5	12
175	Measurement of polarization observables of the associated strangeness production in proton proton interactions. European Physical Journal A, 2016, 52, 1.	2.5	6
176	Precision measurement of the $\hat{1} \cdot \hat{1}^+ \bar{1}^- + \bar{1}^- \hat{1}^+$ $\bar{1}^0$ Dalitz plot distribution with the KLOE detector. Journal of High Energy Physics, 2016, 2016, 1.	4.7	27
177	Measurement of the $\bar{1} \cdot \hat{1}^+ \bar{1}^-$ $0 e^+ e^-$ transition form factor with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 362-367.	4.1	31
178	$K \hat{1}^+$ absorption on two nucleons and $ppK \hat{1}^+$ bound state search in the $\hat{1} \bar{1}^0 p$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 134-139.	4.1	53
179	Time resolution of the plastic scintillator strips with matrix photomultiplier readout for J-PET tomograph. Physics in Medicine and Biology, 2016, 61, 2025-2047.	3.0	99
180	Trilateration-based reconstruction of ortho -positronium decays into three photons with the J-PET detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 819, 54-59.	1.6	42

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181	On Quasibound $N^*Z$ -Nuclei. Acta Physica Polonica B, 2016, 47, 299.	0.8	9
182	$\beta$ Interactions with Nucleons and Nuclei. Acta Physica Polonica B, 2016, 47, 373.	0.8	8
183	Determination of the $\gamma$ Fraction from Positron Annihilation in Mesoporous Materials for Symmetry Violation Experiment with J-PET Scanner. Acta Physica Polonica B, 2016, 47, 453.	0.8	25
184	Sampling FEE and Trigger-less DAQ for the J-PET Scanner. Acta Physica Polonica B, 2016, 47, 491.	0.8	36
185	Design of the SABAT System for Underwater Detection of Dangerous Substances. Acta Physica Polonica B, 2016, 47, 497.	0.8	5
186	Upper Limits for the Production of the $\beta$ -mesic Helium in the $\pi^+He$ and $\pi^+He$ Reactions. Acta Physica Polonica B, 2016, 47, 503.	0.8	13
187	Potential of the J-PET Detector for Studies of Discrete Symmetries in Decays of Positronium Atom -- A Purely Leptonic System. Acta Physica Polonica B, 2016, 47, 509.	0.8	46
188	Beam Profile Investigation of the New Collimator System for the J-PET Detector. Acta Physica Polonica B, 2016, 47, 537.	0.8	4
189	Scatter Fraction of the J-PET Tomography Scanner. Acta Physica Polonica B, 2016, 47, 549.	0.8	21
190	Overview of the Software Architecture and Data Flow for the J-PET Tomography Device. Acta Physica Polonica B, 2016, 47, 561.	0.8	19
191	Search for Exotic Hadronic Matter: Tetraquarks, Pentaquarks, Dibaryons and Mesic Nuclei. Acta Physica Polonica B, 2016, 47, 97.	0.8	8
192	J-PET detector system for studies of the electron-positron annihilations. EPJ Web of Conferences, 2016, 130, 07020.	0.3	0
193	Search for dark Higgsstrahlung in $e^+e^- \rightarrow \gamma^* \rightarrow \chi^0 \gamma$ and missing energy events with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 365-372.	4.1	24
194	A novel TOF-PET detector based on plastic scintillators. , 2015, , .		1
195	Studies of unicellular microorganisms <i>Saccharomyces cerevisiae</i> by means of positron annihilation lifetime spectroscopy. Nukleonika, 2015, 60, 749-753.	0.8	13
196	Processing optimization with parallel computing for the J-PET scanner. Nukleonika, 2015, 60, 745-748.	0.8	5
197	PALS investigations of free volumes thermal expansion of J-PET plastic scintillator synthesized in polystyrene matrix. Nukleonika, 2015, 60, 777-781.	0.8	4
198	Limit on the production of a low-mass vector boson in $e^+e^- \rightarrow \gamma^* \rightarrow \chi^0 \gamma$ and missing energy events with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 365-372.	4.1	24

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199	Investigation of the low energy kaons hadronic interactions in light nuclei by AMADEUS. Hyperfine Interactions, 2015, 234, 9-15.	0.5	0
200	Dark Forces at DAΦNE. EPJ Web of Conferences, 2015, 96, 01008.	0.3	1
201	Study of the Dalitz decay $\pi^+ \rightarrow \pi^0 e^+ e^-$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 1-6.	4.1	25
202	GPU Accelerated Image Reconstruction in a Two-Strip J-PET Tomograph. Acta Physica Polonica A, 2015, 127, 1500-1504.	0.5	5
203	Analysis Framework for the J-PET Scanner. Acta Physica Polonica A, 2015, 127, 1491-1494.	0.5	24
204	Search for $\eta$ -mesic Nuclei with WASA-at-COSY. Acta Physica Polonica B, 2015, 46, 757.	0.8	5
205	Multiple Scattering and Accidental Coincidences in the J-PET Detector Simulated Using GATE Package. Acta Physica Polonica A, 2015, 127, 1505-1512.	0.5	18
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