

Eryk Czerwiński

List of Publications by Year in descending order

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204
papers

4,606
citations

101496

36
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128225

60
g-index

209
all docs

209
docs citations

209
times ranked

2828
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision tests of quantum mechanics and CPT symmetry with entangled neutral kaons at KLOE. Journal of High Energy Physics, 2022, 2022, 1.	1.6	3
2	Recent results on the positronium decay studies with the J-PET detector. EPJ Web of Conferences, 2022, 262, 01009.	0.1	0
3	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
4	On the K^{\pm} Absorptions in Light Nuclei by AMADEUS. Few-Body Systems, 2021, 62, 1.	0.7	4
5	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
6	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
7	Testing CPT symmetry in ortho-positronium decays with positronium annihilation tomography. Nature Communications, 2021, 12, 5658.	5.8	49
8	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
9	Positronium imaging with the novel multiphoton PET scanner. Science Advances, 2021, 7, eabh4394.	4.7	79
10	The cylindrical-GEM inner tracker detector of the KLOE-2 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 958, 162366.	0.7	1
11	Upper limit on the $\hat{\Gamma}(\hat{\pi}^+\hat{\pi}^-\hat{\pi}^0)$ branching fraction with the KLOE experiment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	1
12	3D TOF-PET image reconstruction using total variation regularization. Physica Medica, 2020, 80, 230-242.	0.4	13
13	Differential cross sections for neutron-proton scattering in the region of the $\pi^+\pi^-\pi^0$ dibaryon resonance. Physical Review C, 2020, 102, .		
14	Search for the $\pi^+\pi^-\pi^0$ mesic 3He with the WASA-at-COSY facility in the $\pi^+\pi^-\pi^0$ region. Physical Review C, 2020, 102, .	1.1	8
15	Tests of discrete symmetries in positronium decays with the J-PET detector. Journal of Physics: Conference Series, 2020, 1586, 012008.	0.3	0
16	Influence of Cosmic Radiation while Testing the Time Reversal Symmetry in the Decay of Ortho-Positronium Atoms using the J-PET detector. Journal of Physics: Conference Series, 2020, 1586, 012010.	0.3	0
17	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
18	Search for $\pi^+\pi^-\pi^0$ mesic 3He with the WASA-at-COSY facility in the $\pi^+\pi^-\pi^0$ region. Physical Review C, 2020, 102, .	1.5	8

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19	Measurement of the branching fraction for the decay $K^0 \rightarrow \pi^+ \pi^- \pi^0$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 804, 135378.	1.5	10
20	Three-nucleon dynamics in ^3He breakup collisions using the WASA detector at COSY-Jülich. Physical Review C, 2020, 101, .	1.1	5
21	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
22	Performance assessment of the ^2He positronium imaging with the total-body PET scanners. EJNMMI Physics, 2020, 7, 44.	1.3	44
23	Towards Time Reversal Symmetry Test with o-Ps Decays Using the J-PET Detector. Acta Physica Polonica B, 2020, 51, 149.	0.3	3
24	Test of CPT Symmetry with Positronium at the J-PET Detector. , 2020, , .		0
25	Simulation studies of annihilation-photon $^{\text{TM}}$ s polarisation via Compton scattering with the J-PET tomograph. Hyperfine Interactions, 2019, 240, 1.	0.2	1
26	K^- - multi-nucleon absorption cross sections and branching ratios in $^{\Lambda} p$. European Physical Journal C, 2019, 79, 1.	1.4	27
27	Examination of the production of an isotensor dibaryon in the $pp \rightarrow pp + \pi^0$ reaction. Physical Review C, 2019, 99, .	1.1	3
28	Feasibility study of the positronium imaging with the J-PET tomograph. Physics in Medicine and Biology, 2019, 64, 055017.	1.6	97
29	Latest Results in Kaon Physics on the KLOE Data and Status of Analysis of the KLOE-2 Data. Springer Proceedings in Physics, 2019, , 143-148.	0.1	0
30	Spin Dependence of π^0 Meson Production in Proton-Proton Collisions Close to Threshold. Physical Review Letters, 2018, 120, 022002.	2.9	2
31	Combination of KLOE $f_1(e^+e^- \rightarrow \pi^+ \pi^- \pi^0)$ measurements and determination of $a_1(1260)$ in the energy range 0.10 s s 0.95 GeV ² . Journal of High Energy Physics, 2018, 2018, 1.	1.6	30
32	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
33	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
34	Studies of discrete symmetries in decays of positronium atoms. EPJ Web of Conferences, 2018, 181, 01019.	0.1	0
35	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
36	Backward single-pion production in the $p \rightarrow \text{He} \pi^0$ $p d \rightarrow ^3\text{He} \pi^0$. European Physical Journal A, 2018, 54, 1.	1.0	0

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37	Commissioning of the J-PET detector in view of the positron annihilation lifetime spectroscopy. <i>Hyperfine Interactions</i> , 2018, 239, 1.	0.2	10
38	Overview of KLOE results on kaon physics and KLOE-2 perspectives. <i>EPJ Web of Conferences</i> , 2018, 166, 00007.	0.1	0
39	Measurement of the charge asymmetry for the $KS \rightarrow \ell \ell^* \ell^2$ decay and test of CPT symmetry with the KLOE detector. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	14
40	Search for C violation in the decay $\Lambda^0 \rightarrow p \ell^+ \ell^- e^+ e^-$ with WASA-at-COSY. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 784, 378-384.	1.5	3
41	Combined limit on the production of a light gauge boson decaying into $\ell^+ \ell^- \ell^+ \ell^-$ and $\ell^+ \ell^- \ell^+ \ell^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 784, 336-341.	1.5	26
42	Evaluation of Single-Chip, Real-Time Tomographic Data Processing on FPGA SoC Devices. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 2526-2535.	5.4	57
43	Importance of d-wave contributions in the charge symmetry breaking reaction $dd \rightarrow 4\text{He}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 781, 645-650.	1.5	3
44	First measurement of the $K^0 \rightarrow \pi^+ \pi^-$ non-resonant transition amplitude below threshold. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 782, 339-345.	1.5	27
45	Total and differential cross sections of Λ -production in proton-deuteron fusion for excess energies between $Q = 13$ MeV and $Q = 81$ MeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 782, 297-304.	1.5	10
46	Isoscalar Dibaryon in the $pp \rightarrow \Lambda \Lambda$ Reaction?. <i>Physical Review Letters</i> , 2018, 121, 052001.	2.9	15
47	Estimating the NEMA characteristics of the J-PET tomograph using the GATE package. <i>Physics in Medicine and Biology</i> , 2018, 63, 165008.	1.6	49
48	Measurement of the running of the fine structure constant below 1 GeV with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 767, 485-492.	1.5	19
49	Measurement of gamma quantum interaction point in plastic scintillator with WLS strips. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 851, 39-42.	0.7	25
50	Calculation of the time resolution of the J-PET tomograph using kernel density estimation. <i>Physics in Medicine and Biology</i> , 2017, 62, 5076-5097.	1.6	31
51	Search for Λ -mesic Σ baryons. <i>Physical Review Letters</i> , 2017, 118, 052001.	0.6	33
52	Recent results and perspectives with KLOE-2. <i>Nuclear and Particle Physics Proceedings</i> , 2017, 285-286, 99-103.	0.2	0
53	Measurement of the $\Lambda^0 \rightarrow \pi^+ \pi^- \ell^+ \ell^-$ Dalitz plot distribution. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 770, 418-425.	1.5	13
54	The cylindrical GEM detector of the KLOE-2 experiment. <i>Journal of Instrumentation</i> , 2017, 12, C07016-C07016.	0.5	3

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55	Isoscalar single-pion production in the region of Roper and d_{33} (2380) resonances. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 599-607.	1.5	24
56	The KLOE-2 Inner Tracker: Detector commissioning and operation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 845, 266-268.	0.7	15
57	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
58	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
59	Experimental results on multi-nucleonic K^+ absorptions in light nuclei. EPJ Web of Conferences, 2017, 137, 09010.	0.1	0
60	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
61	Human Tissue Investigations Using PALS Technique - Free Radicals Influence. Acta Physica Polonica A, 2017, 132, 1556-1559.	0.2	15
62	Analysis Procedure of the Positronium Lifetime Spectra for the J-PET Detector. Acta Physica Polonica A, 2017, 132, 1637-1641.	0.2	7
63	Time Calibration of the J-PET Detector. Acta Physica Polonica A, 2017, 132, 1641-1645.	0.2	3
64	Preliminary Studies of J-PET Detector Spatial Resolution. Acta Physica Polonica A, 2017, 132, 1645-1649.	0.2	13
65	J-PET: A New Technology for the Whole-body PET Imaging. Acta Physica Polonica B, 2017, 48, 1567.	0.3	84
66	Introduction of Total Variation Regularization into Filtered Backprojection Algorithm. Acta Physica Polonica B, 2017, 48, 1611.	0.3	1
67	Human Tissues Investigation Using PALS Technique. Acta Physica Polonica B, 2017, 48, 1737.	0.3	30
68	Three-dimensional Image Reconstruction in J-PET Using Filtered Back-projection Method. Acta Physica Polonica B, 2017, 48, 1757.	0.3	6
69	Commissioning of the J-PET Detector for Studies of Decays of Positronium Atoms. Acta Physica Polonica B, 2017, 48, 1961.	0.3	10
70	KLOE-2 Inner Tracker: the First Cylindrical GEM Detector. , 2017, , .		0
71	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
72	J-PET: A Novel TOF-PET Detector based on Plastic Scintillators. , 2016, , .		3

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73	Limit on the production of a new vector boson in $e^+e^- \rightarrow U^3, U^{\pm} \bar{\nu} + \bar{\nu} \nu$ with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 356-361.	1.5	74
74	The mobile PET insert for simultaneous PET/MRI imaging. Radiotherapy and Oncology, 2016, 118, S117-S118.	0.3	1
75	Recent KLOE results on kaon physics. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1455-1458.	0.2	0
76	Search for an isospin $I=3$ dibaryon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 455-461.	1.5	12
77	Novel J-PET scanner combined with positron annihilation lifetime spectroscopy technique as a tool for morphometric imaging. Physica Medica, 2016, 32, 231-232.	0.4	1
78	The KLOE-2 cylindrical GEM inner tracker: Detector operation, calibration and performance. , 2016, , .		0
79	Application of the compress sensing theory for improvement of the TOF resolution in a novel J-PET instrument. Nukleonika, 2016, 61, 35-39.	0.3	3
80	Statistical analysis of time resolution of the J-PET scanner. , 2016, , .		0
81	A feasibility study of ortho-positronium decays measurement with the J-PET scanner based on plastic scintillators. European Physical Journal C, 2016, 76, 445.	1.4	52
82	Measurements of branching ratios for $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \langle \text{mml:mi} \rangle \hat{1} \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ decays into charged particles. Physical Review C, 2016, 94, .	1.1	12
83	Measurement of the $\sigma(e^+e^- \rightarrow \pi^0 \pi^0)$ reaction with polarized beam in the region of the $d^*(2380)$ resonance. European Physical Journal A, 2016, 52, 1.	1.0	21
84	Precision measurement of the $\hat{1} \cdot \hat{1} \bar{\nu} + \bar{\nu} \nu$ Dalitz plot distribution with the KLOE detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	27
85	Measurement of the $\bar{1} \cdot \hat{1} \bar{\nu} + \bar{\nu} \nu$ transition form factor with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 362-367.	1.5	31
86	$K \hat{1}$ absorption on two nucleons and $ppK \hat{1}$ bound state search in the $\hat{1} \otimes 0 p$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 134-139.	1.5	53
87	Time resolution of the plastic scintillator strips with matrix photomultiplier readout for J-PET tomograph. Physics in Medicine and Biology, 2016, 61, 2025-2047.	1.6	99
88	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.	0.7	42
89	Determination of the 3γ Fraction from Positron Annihilation in Mesoporous Materials for Symmetry Violation Experiment with J-PET Scanner. Acta Physica Polonica B, 2016, 47, 453.	0.3	25
90	Sampling FEE and Trigger-less DAQ for the J-PET Scanner. Acta Physica Polonica B, 2016, 47, 491.	0.3	36

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91	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.	0.3	46
92	Beam Profile Investigation of the New Collimator System for the J-PET Detector. Acta Physica Polonica B, 2016, 47, 537.	0.3	4
93	Scatter Fraction of the J-PET Tomography Scanner. Acta Physica Polonica B, 2016, 47, 549.	0.3	21
94	Overview of the Software Architecture and Data Flow for the J-PET Tomography Device. Acta Physica Polonica B, 2016, 47, 561.	0.3	19
95	J-PET detector system for studies of the electron-positron annihilations. EPJ Web of Conferences, 2016, 130, 07020.	0.1	0
96	K- multi-nucleon absorption processes in hadronic interaction studies. , 2016, , .		0
97	Search for dark Higgsstrahlung in $e^+e^- \rightarrow \gamma^*/Z \rightarrow \chi\chi$ and missing energy events with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 365-372.	1.5	24
98	A novel TOF-PET detector based on plastic scintillators. , 2015, , .		1
99	Studies of unicellular microorganisms <i>Saccharomyces cerevisiae</i> by means of positron annihilation lifetime spectroscopy. Nukleonika, 2015, 60, 749-753.	0.3	13
100	Processing optimization with parallel computing for the J-PET scanner. Nukleonika, 2015, 60, 745-748.	0.3	5
101	PALS investigations of free volumes thermal expansion of J-PET plastic scintillator synthesized in polystyrene matrix. Nukleonika, 2015, 60, 777-781.	0.3	4
102	Limit on the production of a low-mass vector boson in $e^+e^- \rightarrow \gamma^*/Z \rightarrow \chi\chi$ and missing energy events with the KLOE experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 365-372.	1.5	24
103	Dark Forces at DAΦNE. EPJ Web of Conferences, 2015, 96, 01008.	0.1	1
104	Commissioning of the KLOE-2 Inner Tracker: The first cylindrical GEM detector. , 2015, , .		0
105	Study of the Dalitz decay $\pi^0 \rightarrow e^+e^- \gamma$ with the KLOE detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 1-6.	1.5	25
106	GPU Accelerated Image Reconstruction in a Two-Strip J-PET Tomograph. Acta Physica Polonica A, 2015, 127, 1500-1504.	0.2	5
107	Analysis Framework for the J-PET Scanner. Acta Physica Polonica A, 2015, 127, 1491-1494.	0.2	24
108	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

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109	Kaon Physics with the KLOE Detector. Acta Physica Polonica B, 2015, 46, 5.	0.3	0
110	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
111	Measurement of the $n\bar{p} \rightarrow \pi^0 \bar{p}$ reaction in search for the recently observed $d\bar{d}^*(2380)$ resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 325-332.	1.5	63
112	ABC effect and resonance structure in the double-pionic fusion to ^3He . Physical Review C, 2015, 91, .	1.1	30
113	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
114	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
115	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
116	Searches for discrete symmetries violation in ortho-positronium decay using the J-PET detector. Nukleonika, 2015, 60, 729-732.	0.3	3
117	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
118	Close to threshold $\hat{d}^* \hat{d}^2$ meson production in proton-proton collisions at cosy-11. EPJ Web of Conferences, 2014, 81, 02003.	0.1	0
119	Search for light vector boson production in $e^+e^- \rightarrow e^+e^- \gamma^* \gamma^* \rightarrow e^+e^- \mu^+\mu^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 459-464.	0.4	34
120	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
121	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
122	Computing support for advanced medical data analysis and imaging. Bio-Algorithms and Med-Systems, 2014, 10, 53-58.	1.0	3
123	Simulations of \hat{p}^3 quanta scattering in a single module of the J-PET detector. Bio-Algorithms and Med-Systems, 2014, 10, 71-77.	1.0	5
124	Measurement of the absolute branching ratio of the $K_S^0 \rightarrow \pi^0 \pi^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 128-133.	1.0	31
125	Charge symmetry breaking in $d\bar{d}^* \rightarrow \text{He}^4$ with WASA-at-COSY. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 44-49.	1.5	9
126	Trigger-less and reconfigurable data acquisition system for positron emission tomography. Bio-Algorithms and Med-Systems, 2014, 10, 37-40.	1.0	20

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127	Determination of the map of efficiency of the Jagiellonian Positron Emission Tomograph (J-PET) detector with the GATE package. <i>Bio-Algorithms and Med-Systems</i> , 2014, 10, 85-90.	1.0	3
128	J-PET analysis framework for the prototype TOF-PET detector. <i>Bio-Algorithms and Med-Systems</i> , 2014, 10, 33-36.	1.0	7
129	A novel method for calibration and monitoring of time synchronization of TOF-PET scanners by means of cosmic rays. <i>Bio-Algorithms and Med-Systems</i> , 2014, 10, 19-25.	1.0	3
130	Plastic scintillators for positron emission tomography obtained by the bulk polymerization method. <i>Bio-Algorithms and Med-Systems</i> , 2014, 10, 27-31.	1.0	19
131	Database and data structure for the novel TOF-PET detector developed for the J-PET project. <i>Bio-Algorithms and Med-Systems</i> , 2014, 10, 79-83.	1.0	4
132	Application of WLS strips for position determination in strip PET tomograph based on plastic scintillators. <i>Bio-Algorithms and Med-Systems</i> , 2014, 10, 59-63.	1.0	5
133	Study of the η' Production with COSY-11. <i>Acta Physica Polonica B</i> , 2014, 45, 739.	0.3	5
134	Determination of the scattering length in free space. <i>Physical Review Letters</i> , 2014, 113, 062004.	2.0	18
135	Neutron-proton scattering in the context of the d resonance. <i>Physical Review C</i> , 2014, 90, .	1.1	20
136	Measurement of the η' plot distribution. <i>Physical Review C</i> , 2014, 90, .	1.1	20
137		0.5	0
138	Calibration of photomultipliers gain used in the J-PET detector. <i>Bio-Algorithms and Med-Systems</i> , 2014, 10, 13-17.	1.0	5
139	List-mode reconstruction in 2D strip PET. <i>Bio-Algorithms and Med-Systems</i> , 2014, 10, 9-12.	1.0	2
140	Test of a single module of the J-PET scanner based on plastic scintillators. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 764, 317-321.	0.7	109
141	Novel method for hit-position reconstruction using voltage signals in plastic scintillators and its application to Positron Emission Tomography. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 764, 186-192.	0.7	51
142	Cross section ratio and angular distributions of the reaction $p + d \rightarrow {}^3\text{He} + \eta'$ at 48.8 MeV and 59.8 MeV excess energy. <i>European Physical Journal A</i> , 2014, 50, 1.	1.0	12
143	Test of CPT and Lorentz symmetry in entangled neutral kaons with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 730, 89-94.	1.5	54
144	Evidence for a New Resonance from Polarized Neutron-Proton Scattering. <i>Physical Review Letters</i> , 2014, 112, .	2.9	150

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145	The cylindrical GEM detector for the KLOE-2 Inner Tracker. Journal of Instrumentation, 2014, 9, C01014-C01014.	0.5	17
146	141: A novel TOF-PET detector based on organic scintillators. Radiotherapy and Oncology, 2014, 110, S69-S70.	0.3	9
147	SEARCH FOR CPT AND LORENTZ INVARIANCE VIOLATION IN NEUTRAL KAONS AT KLOE/KLOE-2. International Journal of Modern Physics Conference Series, 2014, 35, 1460434.	0.7	0
148	The Cylindrical-GEM detectors for the KLOE-2 Inner Tracker. , 2014, , .		1
149	Precision measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle$		

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163	Search for Λ -mesic ^4He with the WASA-at-COSY detector. <i>Physical Review C</i> , 2013, 87, .	1.1	40
164	Kaon interferometry at KLOE/KLOE-2. <i>Journal of Physics: Conference Series</i> , 2013, 424, 012005.	0.3	0
165	Development of CGEM Technology for Ultra-light Tracking Detectors: the KLOE-2 Inner Tracker. <i>Acta Physica Polonica B, Proceedings Supplement</i> , 2013, 6, 1053.	0.0	8
166	Quantum Mechanics and CPT Tests with Neutral Kaons at the KLOE Experiment. <i>Acta Physica Polonica B, Proceedings Supplement</i> , 2013, 6, 1101.	0.0	2
167	Application of Compressive Sensing Theory for the Reconstruction of Signals in Plastic Scintillators. <i>Acta Physica Polonica B, Proceedings Supplement</i> , 2013, 6, 1121.	0.0	3
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