

Zbigniew TymiÅ„ski

List of Publications by Year in descending order

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41

papers

1,094

citations

516710

16

h-index

395702

33

g-index

41

all docs

41

docs citations

41

times ranked

743

citing authors

#	ARTICLE	IF	CITATIONS
1	Systematics of pion emission in heavy ion collisions in the regime. Nuclear Physics A, 2007, 781, 459-508.	1.5	188
2	Systematics of central heavy ion collisions in the regime. Nuclear Physics A, 2010, 848, 366-427.	1.5	139
3	Excitation function of elliptic flow in Au+Au collisions and the nuclear matter equation of state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 612, 173-180.	4.1	136
4	Systematics of azimuthal asymmetries in heavy ion collisions in the regime. Nuclear Physics A, 2012, 876, 1-60.	1.5	117
5	Nuclear Stopping from 0.09A to 1.93A GeV and Its Correlation to Flow. Physical Review Letters, 2004, 92, 232301.	7.8	85
6	Measurement of the In-Medium $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:msup} \langle \text{mml:mi} \text{ K} \rangle \langle \text{mml:mi} \text{ 0} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ Inclusive Cross Section in $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:msup} \langle \text{mml:mi} \text{ i} \rangle \langle \text{mml:mi} \text{ m} \rangle \langle \text{mml:mo} \text{ ~} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ -Induced Reactions at $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:mn} \text{ 1.15} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \langle \text{mml:mtext} \rangle \langle \text{mml:mtext} \rangle \langle \text{mml:mtext} \rangle \langle \text{mml:mi} \text{ Ge} \rangle$.	7.8	38
7	Subthreshold production of $\Lambda(1385)$ baryons in Al+Al collisions at 1.9AGeV. Physical Review C, 2007, 76, .	2.9	33
8	$\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:mrow} \langle \text{mml:msup} \langle \text{mml:mi} \text{ K} \rangle \langle \text{mml:mi} \text{ 0} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \text{ 0} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ production in Ni+Ni collisions near threshold. Physical Review C, 2007, 76, .	2.9	32
9	Two-proton small-angle correlations in central heavy-ion collisions: A beam-energy- and system-size-dependent study. European Physical Journal A, 2005, 23, 271-278.	2.5	27
10	Charged pion production in 4496Ru+4496Ru collisions at 400A and 1528AMeV. Physical Review C, 2005, 71, .	2.9	27
11	Isospin dependence of relative yields of K+ and K0 mesons at 1.528AGeV. Physical Review C, 2007, 75, .	2.9	27
12	Azimuthal emission patterns of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="block"} \rangle \langle \text{mml:msup} \langle \text{mml:mi} \text{ K} \rangle \langle \text{mml:mi} \text{ 0} \rangle \langle \text{mml:mo} \text{ +} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="block"} \rangle \langle \text{mml:msup} \langle \text{mml:mi} \text{ K} \rangle \langle \text{mml:mi} \text{ 0} \rangle \langle \text{mml:mo} \text{ ~} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ in Ni+Ni collisions near the strangeness production threshold. Physical Review C, 2014, 90, .	2.9	22
13	First analysis of anisotropic flow with Lee-Yang zeros. Physical Review C, 2005, 72, .	2.9	20
14	Droplet formation in expanding nuclear matter: a system-size dependent study. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 118-126.	4.1	19
15	Radioactive waste management: Review on clearance levels and acceptance criteria legislation, requirements and standards. Applied Radiation and Isotopes, 2013, 81, 255-260.	1.5	19
16	Influence of $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="block"} \rangle \langle \text{mml:mi} \text{ i} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ mesons on negative kaons in Ni + Ni collisions at $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="block"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \text{ 1.91} \rangle \langle \text{mml:mn} \rangle \langle \text{mml:mi} \text{ A} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ beam energy. Physical Review C, 2015, 91, .	2.9	16
17	2015 Southern Taurid fireballs and asteroids 2005 UR and 2005 TF50. Monthly Notices of the Royal Astronomical Society, 2016, 461, 674-683.	4.4	14
18	Strange meson production in Al+Al collisions at 1.9 A GeV. European Physical Journal A, 2016, 52, 1.	2.5	12

#	ARTICLE	IF	CITATIONS
19	Determination of N* amplitudes from associated strangeness production in p+p collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 574-580.	4.1	12
20	Radionuclidic purity tests in ¹⁸ F radiopharmaceuticals production process. Applied Radiation and Isotopes, 2016, 109, 242-246.	1.5	11
21	Enhanced activity of the Southern Taurids in 2005 and 2015. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2077-2088.	4.4	10
22	Consistency test of coincidence-summing calculation methods for extended sources. Applied Radiation and Isotopes, 2020, 155, 108921.	1.5	9
23	PF191012 Myszyniec – highest Orionid meteor ever recorded. Astronomy and Astrophysics, 2013, 557, A89.	5.1	8
24	Current status of Polish Fireball Network. Planetary and Space Science, 2017, 143, 12-20.	1.7	8
25	Results of an international comparison of activity measurements of ⁶⁸ Ge. Applied Radiation and Isotopes, 2018, 134, 385-390.	1.5	8
26	Interlaboratory comparison on ¹³⁷ Cs activity concentration in fume dust. Radiation Physics and Chemistry, 2015, 116, 106-110.	2.8	7
27	Centrality dependence of subthreshold meson production in Ni + Ni collisions at $\sqrt{s} = 1.9$ TeV. Physical Review C, 2016, 94, 014902.	2.9	7
28	60Co in cast steel matrix: A European interlaboratory comparison for the characterisation of new activity standards for calibration of gamma-ray spectrometers in metallurgy. Applied Radiation and Isotopes, 2016, 114, 167-172.	1.5	7
29	Impurities in Tc-99m radiopharmaceutical solution obtained from Mo-100 in cyclotron. Applied Radiation and Isotopes, 2018, 134, 85-88.	1.5	7
30	Measurement of $K_{\text{ETQq0}} = 892 \text{ Td}$. Physical Review C, 2016, 94, 014902.	2.9	6
31	Shape parameters of the participant source in Ru+Ru collisions at 200 MeV. Nuclear Physics A, 2004, 742, 29-54.	1.5	5
32	Standardisation and half-life measurements of ¹¹¹ In. Applied Radiation and Isotopes, 2016, 109, 345-348.	1.5	5
33	Wide-acceptance measurement of the ratio from Ni+Ni collisions at $\sqrt{s} = 1.91$ TeV. Physical Review C, 2019, 99, 024902.	2.9	4
34	PF131010 Ciechanów fireball: the body possibly related to near earth asteroids 2010 TB54 and 2010 SX11. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2965-2971.	4.4	3
35	A NEW LARGE-VOLUME METAL REFERENCE STANDARD FOR RADIOACTIVE WASTE MANAGEMENT. Radiation Protection Dosimetry, 2015, 168, ncv309.	0.8	3
36	Comparison of digital coincidence modules used at POLATOM and PTB for TDCR and $4\pi\hat{\ell}^2(\text{LS})-\hat{\ell}^3$ coincidence counters. Applied Radiation and Isotopes, 2020, 164, 109231.	1.5	2

#	ARTICLE	IF	CITATIONS
37	A new coincidence module using pulse-mixing method applied in the ${}^{40}\text{Ca}(\text{LS})\text{-}{}^{13}\text{I}$ coincidence system with TDCR detector. <i>Applied Radiation and Isotopes</i> , 2020, 159, 109081.	1.5	1
38	Proficiency test of ${}^{90}\text{Y}$ and ${}^{89}\text{Sr}$ activity measurements in Polish hospitals. <i>Applied Radiation and Isotopes</i> , 2014, 87, 24-26.	1.5	0
39	Siłvio: A trigger for $\bar{\nu}$ -hyperons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 745, 38-49.	1.6	0
40	Bilateral comparison of ${}^{14}\text{C}$ activity measurements at the NCBJ RC POLATOM and the ENEA-INMRI. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 721-725.	1.5	0
41	Preparation method and quality control of multigamma volume sources with different matrices. <i>Applied Radiation and Isotopes</i> , 2018, 134, 126-130.	1.5	0