

Goran P Skoro

List of Publications by Year in descending order

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105
papers

10,395
citations

57758

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33894

99
g-index

106
all docs

106
docs citations

106
times ranked

5490
citing authors

#	ARTICLE	IF	CITATIONS
1	Unexpected ¹³ N concentrations in ISIS synchrotron room air. Applied Radiation and Isotopes, 2022, 182, 110139.	1.5	0
2	Erosion of neutron-producing targets at ISIS spallation neutron source. Nuclear Instruments & Methods in Physics Research B, 2022, 521, 7-16.	1.4	1
3	Development of neutron scattering kernels for cold neutron reflector materials. Journal of Neutron Research, 2021, 23, 167-177.	1.1	4
4	Discovery of new neutron-moderating materials at ISIS Neutron and Muon Source. EPJ Web of Conferences, 2020, 239, 17008.	0.3	6
5	Measurement of neutron total cross sections at the VESUVIO spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 971, 164096.	1.6	18
6	Measurement and calculation of Ta-182 in a spallation neutron target. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 961, 163641.	1.6	2
7	Measurement of single- and double-escape HPGe efficiency ratios for ⁶⁰ Co. Journal of Radiological Protection, 2020, 40, N17-N21.	1.1	0
8	Towards an understanding of erosion in ISIS TS-2 spallation neutron targets?. Nuclear Instruments & Methods in Physics Research B, 2020, 478, 158-162.	1.4	2
9	Experimental validation of the temperature behavior of the ENDF/B-VIII.0 thermal scattering kernel for light water. EPJ Web of Conferences, 2020, 239, 14001.	0.3	7
10	Validated scattering kernels for triphenylmethane at cryogenic temperatures. EPJ Web of Conferences, 2020, 239, 14002.	0.3	7
11	Decay heat in ISIS spallation neutron target as function of cooling time. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 933, 8-11.	1.6	2
12	Visualization of the Catalyzed Nuclear-Spin Conversion of Molecular Hydrogen Using Energy-Selective Neutron Imaging. Journal of Physical Chemistry C, 2019, 123, 11745-11751.	3.1	14
13	Upgrade to the MAPS neutron time-of-flight chopper spectrometer. Review of Scientific Instruments, 2019, 90, 035110.	1.3	37
14	The neutron guide upgrade of the TOSCA spectrometer. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 896, 68-74.	1.6	84
15	Measurement of the para-hydrogen concentration in the ISIS moderators using neutron transmission and thermal conductivity. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 888, 88-95.	1.6	14
16	Neutronics analysis of target, moderators and reflector design for the ISIS TS-1 project. Physica B: Condensed Matter, 2018, 551, 381-385.	2.7	15
17	Spin isomers in the ISIS TS1 cryogenic hydrogen moderator. Journal of Physics: Conference Series, 2018, 1021, 012057.	0.4	2
18	A tale of two foils: ISIS TS-1 water moderators. Journal of Physics: Conference Series, 2018, 1021, 012039.	0.4	6

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19	Gamma-ray spectroscopy for probing highly radioactive items behind thick shields?. Journal of Radiological Protection, 2018, 38, N36-N43.	1.1	2
20	Activation of the ISIS muon beamline and corresponding gamma dose rates. Journal of Physics: Conference Series, 2018, 1021, 012034.	0.4	0
21	The gaseous discharges at ISIS and the activated air composition effect. Journal of Physics: Conference Series, 2018, 1021, 012046.	0.4	0
22	Robust measurement of para-ortho H ₂ ratios to characterise the ISIS hydrogen moderators. Journal of Physics: Conference Series, 2018, 1021, 012055.	0.4	2
23	Measurement and calculation of decay heat in ISIS spallation neutron target. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 908, 91-96.	1.6	6
24	Experimental verification of spallation inventory calculations. Applied Radiation and Isotopes, 2017, 125, 1-3.	1.5	7
25	Neutrino factory. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	8
26	Yield strength of molybdenum, tantalum and tungsten at high strain rates and very high temperatures. Journal of Nuclear Materials, 2012, 426, 45-51.	2.7	34
27	Lifetime and strength tests of tantalum and tungsten under thermal shock for a Neutrino Factory target. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 646, 1-6.	1.6	3
28	Dynamic Young's moduli of tungsten and tantalum at high temperature and stress. Journal of Nuclear Materials, 2011, 409, 40-46.	2.7	39
29	Measurements of forward proton production with incident protons and charged pions on nuclear targets at the CERN Proton Synchrotron. Physical Review C, 2010, 82, .	2.9	4
30	Comparison of large-angle production of charged pions with incident protons on cylindrical long and short targets. Physical Review C, 2009, 80, .	2.9	6
31	Large-angle production of charged pions with incident pion beams on nuclear targets. Physical Review C, 2009, 80, .	2.9	14
32	Forward production of charged pions with incident protons on nuclear targets at the CERN Proton Synchrotron. Physical Review C, 2009, 80, .	2.9	18
33	Forward production of charged pions with incident π^+ on nuclear targets measured at the CERN PS. Nuclear Physics A, 2009, 821, 118-192.	1.5	16
34	Thermal shock measurements and modelling for solid high-power targets at high temperatures. Journal of Nuclear Materials, 2008, 377, 285-289.	2.7	13
35	Large-angle production of charged pions with 3×12.9 GeV incident protons on nuclear targets. Physical Review C, 2008, 77, .	2.9	44
36	Solid target studies in the UK. Nuclear Physics, Section B, Proceedings Supplements, 2006, 155, 291-292.	0.4	1

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37	Jet energy density in hadron-hadron collisions at high energies. Physics of Particles and Nuclei Letters, 2006, 3, 92-98.	0.4	0
38	The CMS high level trigger. European Physical Journal C, 2006, 46, 605-667.	3.9	51
39	LS-DYNA calculations of shocks in solids. Nuclear Physics, Section B, Proceedings Supplements, 2006, 155, 293-294.	0.4	4
40	ρ meson production in $\sqrt{s_{NN}}=200$ GeV Au+Au collisions. Physical Review Letters, 2005, 95, 062301.	4.1	166
41	Investigation of top mass measurements with the ATLAS detector at LHC. European Physical Journal C, 2005, 39, 63-90.	4.1	122
42	$K(892)^*$ resonance production in Au+Au and p+pcollisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	149
43	Transverse-momentum dependent modification of dynamic texture in central Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	3
44	Multiplicity and Pseudorapidity Distributions of Photons in Au+Au Collisions at $\sqrt{s_{NN}}=62.4$ GeV. Physical Review Letters, 2005, 95, 062301.	7.8	42
45	Distributions of Charged Hadrons Associated with High Transverse Momentum Particles in p and Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 95, 152301.	7.8	445
46	Pion interferometry in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 71, .	2.9	248
47	Event-wise $\langle \epsilon^2 \rangle$ fluctuations in Au-Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2005, 71, .	2.9	66
48	Azimuthal anisotropy in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2005, 72, .	2.9	520
49	Open Charm Yields in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2005, 94, 062301.	7.8	201
50	An update from STAR using strangeness to probe relativistic heavy ion collisions. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, S61-S73.	3.6	5
51	Azimuthal Anisotropy at the Relativistic Heavy Ion Collider: The First and Fourth Harmonics. Physical Review Letters, 2004, 92, 062301.	7.8	193
52	Azimuthally Sensitive Hanbury Brown-Twiss Interferometry in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, .	7.8	84
53	Rapidity and centrality dependence of proton and antiproton production from Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2004, 70, .	2.9	19

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55	Photon and neutral pion production in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2004, 70, .	2.9	19
56	Azimuthal Anisotropy and Correlations at Large Transverse Momenta in p+Au and Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 93, 252301.	7.8	122
57	Identified Particle Distributions in p+Au and Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 112301.	7.8	368
58	Cross Sections and Transverse Single-Spin Asymmetries in Forward Neutral-Pion Production from Proton Collisions at $\sqrt{s}=200$ GeV. Physical Review Letters, 2004, 92, 171801.	7.8	220
59	$\bar{\Lambda}$ Production and Possible Modification in Au+Au and p+p Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 092301.	7.8	127
60	Centrality and pseudorapidity dependence of charged hadron production at intermediate p_T in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2004, 70, .	2.9	9
61	Production of e^+e^- pairs accompanied by nuclear dissociation in ultraperipheral heavy-ion collisions. Physical Review C, 2004, 70, .	2.9	79
62	Multistrange Baryon Production in Au-Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2004, 92, 182301.	7.8	140
63	Particle-Type Dependence of Azimuthal Anisotropy and Nuclear Modification of Particle Production in Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2004, 92, 052302.	7.8	477
64	Pseudorapidity asymmetry and centrality dependence of charged hadron spectra in d+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 70, .	2.9	34
65	Measurements of transverse energy distributions in Au+Au collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2004, 70, .	2.9	62
66	Higher baryon resonances in carbon-carbon collisions at 4.2 GeV/c per nucleon. European Physical Journal A, 2004, 20, 351-354.	2.5	4
67	Kaon production and kaon to pion ratio in Au + Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 595, 143-150.	4.1	57
68	Strange antiparticle-to-particle ratios at mid-rapidity in $\sqrt{s_{NN}}=130$ GeV Au+Au collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 567, 167-174.	4.1	39
69	STAR detector overview. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 499, 624-632.	1.6	554
70	Evidence from d+Au Measurements for Final-State Suppression of High- p_T Hadrons in Au+Au Collisions at RHIC. Physical Review Letters, 2003, 91, 072304.	7.8	517
71	Narrowing of the Balance Function with Centrality in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2003, 90, 172301.	7.8	95
72	Disappearance of Back-To-Back High- p_T Hadron Correlations in Central Au+Au Collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review Letters, 2003, 90, 082302.	7.8	598

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73	Transverse-Momentum and Collision-Energy Dependence of High-pT Hadron Suppression in Au+Au Collisions at Ultrarelativistic Energies. Physical Review Letters, 2003, 91, 172302.	7.8	614
74	Net charge fluctuations in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2003, 68, .	2.9	100
75	Pion-Kaon Correlations in Central Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2003, 91, 262302.	7.8	37
76	Three-Pion Hanbury Brown-Twiss Correlations in Relativistic Heavy-Ion Collisions from the STAR Experiment. Physical Review Letters, 2003, 91, 262301.	7.8	50
77	Azimuthal Anisotropy and Correlations in the Hard Scattering Regime at RHIC. Physical Review Letters, 2003, 90, 032301.	7.8	172
78	Midrapidity π^+ and π^- Production in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2002, 89, 092301.	7.8	161
79	Azimuthal Anisotropy of K_S^0 and π^+ Production at Midrapidity from Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2002, 89, 132301.	7.8	115
80	Coherent π^0 Production in Ultraperipheral Heavy-Ion Collisions. Physical Review Letters, 2002, 89, 272302.	7.8	108
81	Baryon resonances in carbon-carbon collisions at 4.2 GeV/c per nucleon. Physical Review C, 2002, 65, .	2.9	36
82	Centrality Dependence of High-pT Hadron Suppression in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2002, 89, 202301.	7.8	518
83	$K^*(892)^0$ production in relativistic heavy ion collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2002, 66, .	2.9	52
84	Midrapidity π^+ production in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2002, 65, .	2.9	86
85	Strangeness in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV observed with the STAR detector. Journal of Physics G: Nuclear and Particle Physics, 2002, 28, 1535-1542.	3.6	12
86	Elliptic flow from two- and four-particle correlations in Au+Au collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review C, 2002, 66, .	2.9	309
87	Results from the STAR experiment. Nuclear Physics A, 2002, 698, 64-77.	1.5	41
88	Pion Interferometry of $\sqrt{s_{NN}}=130$ GeV Au+Au Collisions at RHIC. Physical Review Letters, 2001, 87, 082301.	7.8	209
89	Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. Physical Review Letters, 2001, 86, 402-407.	7.8	610
90	A-DEPENDENCE OF Z-SCALING. International Journal of Modern Physics A, 2001, 16, 1281-1301.	1.5	18

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91	Multiplicity Distribution and Spectra of Negatively Charged Hadrons in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2001, 87, 112303.	7.8	169
92	Midrapidity Antiproton-to-Proton Ratio from Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2001, 86, 4778-4782.	7.8	121
93	Publisher's Note: $d\bar{A}$ and $3He\bar{A}$ Production in $\sqrt{s_{NN}}=130$ GeV Au+Au Collisions [Phys. Rev. Lett. 87, 262301 (2001)]. <i>Physical Review Letters</i> , 2001, 87, .	7.8	13
94	Measurement of Inclusive Antiprotons from Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2001, 87, 262302.	7.8	86
95	$d\bar{A}$ and $3He\bar{A}$ Production in $\sqrt{s_{NN}}=130$ GeV Au+Au Collisions. <i>Physical Review Letters</i> , 2001, 87, 262301.	7.8	72
96	Identified Particle Elliptic Flow in Au+Au Collisions at $\sqrt{s_{NN}}=130$ GeV. <i>Physical Review Letters</i> , 2001, 87, .	7.8	265
97	Zscaling in proton-nucleus collisions at high energies. <i>Physical Review C</i> , 1999, 59, 2227-2240.	2.9	11
98	Recent developments on the STARS detector system at RHIC. <i>Nuclear Physics A</i> , 1998, 638, 559c-563c.	1.5	7
99	Zscaling in hadron-hadron collisions at high energies. <i>Physical Review D</i> , 1996, 54, 5548-5557.	4.7	22
100	Production of annihilation radiation in iron and lead by cosmic-rays at sea-level. <i>Applied Radiation and Isotopes</i> , 1995, 46, 431-432.	1.5	0
101	Effective equivalent depth of an underground location by single detector measurements of cosmic-ray intensity. <i>Applied Radiation and Isotopes</i> , 1995, 46, 481-482.	1.5	0
102	Determination of ^{40}K and ^{137}Cs concentration in selected honey samples. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1995, 199, 465-469.	1.5	2
103	Determination of ^{138}La Activity in La_2O_3 from Known ^{40}K Activity. <i>Radiochimica Acta</i> , 1993, 60, 25-26.	1.2	4
104	Study of ^{72}Zn and electron capture decay of ^{76}Sr in $\beta^+-\beta^+$ coincidence measurements. <i>Physical Review C</i> , 1993, 48, 2598-2602.	2.9	12
105	Environmental neutrons as seen by a germanium gamma-ray spectrometer. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1992, 316, 333-336.	1.6	36