

Sotirios Harissopoulos

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Using MCANT4 Monte Carlo simulations to resolve low energy α -ray spectra: The study of ^{13}C and ^{14}C . Physical Review C, 2021, 104, 014801.	1.6	4
2	The Tandem Accelerator Laboratory of NCSR "Demokritos" current status and perspectives. European Physical Journal Plus, 2021, 136, 1.	2.6	12
3	Cross section measurements of proton capture reactions on Sr isotopes for astrophysics applications. Physical Review C, 2021, 104, .	2.9	4
4	Cross-section measurements of the $^{156}\text{Gd}(p,\alpha)^{155}\text{Gd}$ reaction at $10 \leq E_p \leq 15$ MeV. Physical Review C, 2021, 104, 014802.	2.9	9
5	Cross-section measurements of the $^{165}\text{Dy}(p,\alpha)^{164}\text{Dy}$ reaction: Cross section measurements for the population of the $^{165}\text{Dy}(p,\alpha)^{164}\text{Dy}$ reaction. Physical Review C, 2021, 104, 014803.	2.9	5
6	Capture reaction cross-section measurements relevant to p process: the case of $(^{1\pm}, ^{1\beta})$ reactions on ^{63}Cu , ^{72}Ge , ^{118}Sn and the $^{107}\text{Ag}(^1\text{H}, ^{1\beta})^{108}\text{Cd}$ reaction. EPJ Web of Conferences, 2020, 227, 01008.	0.3	2
7	Determination of the $^{193}\text{Ir}(n, 2n)$ reaction cross section and correction methodology for the $^{191}\text{Ir}(n, \alpha)^{188}\text{Au}$ reaction. Physical Review C, 2020, 102, 014801.	1.0	784314
8	Cross section measurements of proton capture reactions on Mo isotopes relevant to the astrophysical p process. European Physical Journal A, 2019, 55, 1.	2.5	12
9	A benchmarking procedure for PIGE related differential cross-sections. Nuclear Instruments & Methods in Physics Research B, 2018, 423, 92-96.	1.4	3
10	Differential cross-section measurements of the elastic $^7\text{Li}(d, d_0)$ scattering for analytical purposes. Nuclear Instruments & Methods in Physics Research B, 2018, 414, 99-103.	1.4	0
11	Cross section measurements of proton capture reactions on Se isotopes relevant to the astrophysical p process. Physical Review C, 2018, 97, .	2.9	12
12	$^{197}\text{Au}(n, 2n)$ reaction cross section in the $15 \leq E_n \leq 21$ MeV energy range. Physical Review C, 2018, 97, .	2.9	12
13	$^{191}\text{Ir}(n, 2n)$ and $^{191}\text{Ir}(n, 3n)$ reaction cross sections in the $15 \leq E_n \leq 21$ MeV energy range. Physical Review C, 2018, 98, .	2.9	3
14	Cross-section measurements of capture reactions relevant to p-process nucleosynthesis. European Physical Journal Plus, 2018, 133, 1.	2.6	7
15	The $^{162}\text{Er}(p, \alpha)^{161}\text{Er}$ reaction for the lightest stable erbium isotope ^{162}Er from reaction threshold up to 19 MeV. Physical Review C, 2018, 98, .	2.9	7
16	Lifetime measurements in ^{100}Ru . Physical Review C, 2017, 95, .	2.9	6
17	Differential cross section measurements of the $^{19}\text{F}(d, d_0)$ elastic scattering for Ion Beam Analysis purposes. Nuclear Instruments & Methods in Physics Research B, 2017, 396, 1-4.	1.4	3
18	Be ITER-like wall at the JET tokamak under plasma. Physica Scripta, 2017, T170, 014049.	2.5	4

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19	Surface composition and structure of divertor tiles following the JET tokamak operation with the ITER-like wall. Nuclear Fusion, 2017, 57, 076027.	3.5	13
20	Intrinsic limits on resolutions in muon- and electron-neutrino charged-current events in the KM3NeT/ORCA detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
21	A method to stabilise the performance of negatively fed KM3NeT photomultipliers. Journal of Instrumentation, 2016, 11, P12014-P12014.	1.2	8
22	Letter of intent for KM3NeT 2.0. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 084001.	3.6	512
23	The influence of carbon on the resistivity recovery of proton irradiated Fe-11 at.% Cr alloys. Nuclear Materials and Energy, 2016, 9, 465-470.	1.3	6
24	PIGE related differential cross-section measurements of the $^{25}\text{Mg}(p,p\alpha)^{21}\text{Mg}$ reaction. Nuclear Instruments & Methods in Physics Research B, 2016, 386, 4-7.	1.4	4
25	Lifetime measurements in Pd . Searching for empirical Pd process: The case of Rh . Physical Review C, 2016, 93, 014607.	2.9	8
26	Systematic study of proton capture reactions in medium-mass nuclei relevant to the p process: The case of Rh . Physical Review C, 2016, 93, 014607.	2.9	13
27	Study of the Y process: The case of Y . Physical Review C, 2016, 93, 014607.	2.9	25
28	The pygmy quadrupole resonance and neutron-skin modes in ^{124}Sn . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 102-107.	4.1	22
29	Study of the B process: The case of B . Nuclear Instruments & Methods in Physics Research B, 2016, 368, 71-74.	1.4	10
30	Upbend and M1 Scissors Mode in Neutron-rich Nuclei --- Consequences for r-process (n,γ) Reaction Rates. Acta Physica Polonica B, 2015, 46, 509.	0.8	4
31	Atomic Physics with Accelerators: Projectile Electron Spectroscopy (APAPES). Journal of Physics: Conference Series, 2015, 583, 012014.	0.4	17
32	Study of the B process: The case of B . Nuclear Instruments & Methods in Physics Research B, 2015, 342, 271-276.	1.4	21
33	Low-energy enhancement of nuclear β -strength and its impact on astrophysical reaction rates. EPJ Web of Conferences, 2014, 66, 07014.	0.3	2
34	Cross-section measurements of proton capture reactions relevant to the p process: The case of Ni . Physical Review C, 2014, 89, 014607.	2.9	31
35	The FDIAS project: Development of a Micromegas IPC for the detection of low-energy heavy ions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Cross-section Measurements of proton Capture Reactions Relevant to the p process: The case of Ni . Physical Review C, 2014, 89, 014607.	1.6	6
36	Cross-section measurements of proton capture reactions relevant to the p process: The case of Y . Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Cross-section Measurements of proton Capture Reactions Relevant to the p process: The case of Y . Physical Review C, 2014, 89, 014607.	2.9	32

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37	Transitional \hat{I}^3 strength in Cd isotopes. Physical Review C, 2013, 87, .	2.9	48
38	Astrophysical Reaction Rates and the Low-energy Enhancement in the \hat{I}^3 Strength. Acta Physica Polonica B, 2013, 44, 563.	0.8	1
39	STUDY OF THE PYGMY DIPOLE RESONANCE WITH HADRONIC AND ELECTROMAGNETIC PROBES. , 2013, , .		0
40	Primary \hat{I}^3 -ray spectra in ^{44}Ti of astrophysical interest. Physical Review C, 2012, 85, .	2.9	14
41	Investigation of the reaction $^{74}\text{Ge}(\text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td})$ (xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" > < mml:msup > < mml:mrow /> < mml:mn > 74 < /mml:mn > < /mml:msup > < /mml:math > < mml:math > Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td	2.9	29
42	Do light nuclei display a universal \hat{I}^3 -ray strength function?. EPJ Web of Conferences, 2012, 21, 04004.	0.3	0
43	Astrophysical (\hat{I}^{\pm}, \hat{I}^3) reaction in inverse kinematics; Electron screening effect in the beta-decay. Journal of Physics: Conference Series, 2012, 337, 012015.	0.4	0
44	Structure of the pygmy dipole resonance in ^{124}Sn . Physical Review C, 2012, 85, .	2.9	56
45	Nuclear level density and \hat{I}^3 -ray strength function of ^{43}Sc . Physical Review C, 2012, 85, .	2.9	24
46	Depth profiling of high energy nitrogen ions implanted in the $\tilde{\alpha}^{\pm} 1 0 0\%$, $\tilde{\alpha}^{\pm} 1 1 0\%$ and randomly oriented silicon crystals. Nuclear Instruments & Methods in Physics Research B, 2012, 274, 87-92.	1.4	5
47	Fermi's golden rule applied to the \hat{I}^3 decay in the quasicontinuum of ^{46}Ti . Physical Review C, 2011, 83, .	2.9	21
48	A new recoil distance technique using low energy coulomb excitation in inverse kinematics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 654, 196-205.	1.6	14
49	Neutron measurements for advanced nuclear systems: The n_TOF project at CERN. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 3251-3257.	1.4	10
50	Proton elastic scattering differential cross-section measurements of ^{45}Sc . Nuclear Instruments & Methods in Physics Research B, 2011, 269, 2994-2998.	1.4	1
51	Cross section measurements of the $^6\text{Li}(d, \hat{I}^{\pm} 0)^4\text{He}$ reaction. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 2990-2993.	1.4	3
52	The new external ion beam analysis setup at the Demokritos Tandem accelerator and first applications in cultural heritage. Nuclear Instruments & Methods in Physics Research B, 2011, 269, 519-527.	1.4	15
53	Preface: Frontiers in Nuclear Structure, Astrophysics, and Reactions. , 2011, , .		0
54	Development of a Micromegas TPC for Low Energy Heavy Ions Measurement for Nuclear Fission and Astrophysics Applications. AIP Conference Proceedings, 2011, , .	0.4	1

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55	Splitting of the Pygmy Dipole Resonance. , 2011, , .		0
56	Alpha-particle capture reactions in inverse kinematics relevant to p-process nucleosynthesis. , 2011, , .		1
57	Past, Present and Future of the n_TOF Facility at CERN. Journal of the Korean Physical Society, 2011, 59, 1620-1623.	0.7	4
58	Improved Neutron Capture Cross Section Measurements with the n_TOF Total Absorption Calorimeter. Journal of the Korean Physical Society, 2011, 59, 1813-1816.	0.7	3
59	The Role of Fe and Ni for S-Process Nucleosynthesis and Innovative Nuclear Technologies. Journal of the Korean Physical Society, 2011, 59, 2106-2109.	0.7	0
60	Characterization of the New n_TOF Neutron Beam: Fluence, Profile and Resolution. Journal of the Korean Physical Society, 2011, 59, 1624-1627.	0.7	0
61	Study of a micromegas chamber in a neutron beam. Journal of Instrumentation, 2010, 5, P02005-P02005.	1.2	2
62	Forthcoming (n, $\hat{1}^3$) measurements on the Fe and Ni isotopes at CERN n_TOF. Journal of Physics: Conference Series, 2010, 202, 012026.	0.4	0
63	New developments on the recoil distance doppler-shift method. Journal of Physics: Conference Series, 2010, 205, 012043.	0.4	3
64	Level Densities and $\hat{1}^3$ Strength Functions in Light Sc and Ti Isotopes. EPJ Web of Conferences, 2010, 2, 03003.	0.3	0
65	Determination of differential cross-sections for the natK(p,p0) and 39K(p, $\hat{1}^3$) reactions in the backscattering geometry. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 1797-1801.	1.4	2
66	Isospin Character of the Pygmy Dipole Resonance in $\langle \text{math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mmultiscripts} < \text{mml:mi} > \text{Sn} < / \text{mml:mi} > < \text{mml:mprescripts} / > < \text{mml:none} / > < \text{mml:mrow} > < \text{mml:mrow} > 124 < / \text{mml:mrow} > < / \text{mml:mmultiscripts} > < / \text{mml:math} > .$ Physical Review Letters, 2010, 105, 212503.	7.8	160
67	Interaction of gypsum with lead in aqueous solutions. Applied Geochemistry, 2010, 25, 1008-1016.	3.0	22
68	Study of the Pygmy Dipole Resonance in [¹²⁴ Sn] by means of the ($\hat{1}^3, \hat{1}^3 \hat{1}^3$) reaction. , 2009, , .		2
69	Extraction of thermal and electromagnetic properties in $\langle \text{math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> < \text{mml:mmultiscripts} < \text{mml:mi} > \text{Ti} < / \text{mml:mi} > < \text{mml:mprescripts} / > < \text{mml:none} / > < \text{mml:mrow} > < \text{mml:mrow} > 45 < / \text{mml:mrow} > < / \text{mml:mmultiscripts} > < / \text{mml:math} > .$ Physical Review C, 2009, 80, ..	2.9	24
70	Study of selected differential cross-sections of the 28Si(d, p0, p1, p2, p3) reactions for NRA purposes. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 1744-1747.	1.4	6
71	Study of the d+11B system differential cross-sections for NRA purposes. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 1740-1743.	1.4	4
72	Development of a new Recoil Distance Technique using Coulomb Excitation in Inverse Kinematics. , 2009, , .		2

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73	Systematics of Alpha-Capture Reactions and Alpha-Optical Potentials for the p Process. , 2009, , .		7
74	Differential cross section measurements of the $^{32}\text{S}(d,p)^{33}\text{S}$ reaction for nuclear reaction analysis purposes. Nuclear Instruments & Methods in Physics Research B, 2008, 266, 2259-2262.	1.4	3
75	Nickel oxide thin films synthesized by reactive pulsed laser deposition: characterization and application to hydrogen sensing. Applied Physics A: Materials Science and Processing, 2008, 91, 487-492.	2.3	31
76	Cross section measurements of (p,\hat{p}^3) reactions on Pd isotopes relevant to the p process. Physical Review C, 2008, 77, .	2.9	25
77	Cross-section measurements of capture reactions relevant to the p process using a $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \hat{p}^3 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \hat{p}^3 \text{-summing} \text{ method. Physical Review C. 2007. 76. , .$	2.9	54
78	Activation cross section and isomeric cross-section ratio for the $(n,2n)$ reaction on ^{191}Ir . Physical Review C, 2007, 75, .	2.9	20
79	Strong transfer channels in the $^{6}\text{Li}+^{28}\text{Si}$ system at near-barrier energies. Physical Review C, 2007, 76, .	2.9	28
80	Differential cross section measurements of the $^{12}\text{C}(d,p)^{1,2,3}\text{C}$ reactions in the energy range $E_{d,\text{lab}}=900\hat{a}^{\text{c}}2000\text{keV}$ for nuclear reaction analysis. Nuclear Instruments & Methods in Physics Research B, 2007, 254, 10-16.	1.4	8
81	A detailed study of the $d+^{10}\text{B}$ system, for nuclear reaction analysis \hat{a}^{c} Part B: The $^{10}\text{B}(d,\hat{p}^{\pm 0})^8\text{Be}$ reaction in the energy region $E_{d,\text{lab}}=900\hat{a}^{\text{c}}2000\text{keV}$. Nuclear Instruments & Methods in Physics Research B, 2007, 263, 369-374.	1.4	4
82	A detailed study of the $d+^{10}\text{B}$ system for nuclear reaction analysis \hat{a}^{c} Part A: The $^{10}\text{B}(d,p)^{11}\text{B}$ reaction in the energy region $E_{d,\text{lab}}=900\hat{a}^{\text{c}}2000\text{keV}$. Nuclear Instruments & Methods in Physics Research B, 2007, 263, 357-368.	1.4	7
83	$^6\text{Li}+^{28}\text{Si}$ total reaction cross sections at near barrier energies. Nuclear Physics A, 2007, 784, 13-24.	1.5	20
84	Neutron induced reactions at the Athens Tandem Accelerator NCSR \hat{a}^{c} Demokritos \hat{a}^{c} . Journal of Radioanalytical and Nuclear Chemistry, 2007, 272, 219-222.	1.5	13
85	Isomeric cross sections of neutron induced reactions on Ge and Ir isotopes. , 2007, , .		0
86	Neutron induced reactions at the Athens Tandem Accelerator of NCSR \hat{a}^{c} Demokritos \hat{a}^{c} . AIP Conference Proceedings, 2006, , .	0.4	0
87	Alpha-capture reactions relevant to the p-process nucleosynthesis. AIP Conference Proceedings, 2006, , .	0.4	0
88	Plunger Lifetime Measurements in ^{102}Pd . AIP Conference Proceedings, 2006, , .	0.4	0
89	Test of the critical point symmetry $X(5)$ in neutron deficient osmium isotopes at $A\hat{a}^{\text{c}}180$. AIP Conference Proceedings, 2006, , .	0.4	4
90	Neutron activation measurements on natural Ge and Hf. AIP Conference Proceedings, 2006, , .	0.4	0

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91	E1 and E2 factors of $^{12}\text{C}(\hat{1}\pm, \hat{1}^3\text{O})^{16}\text{O}$ from $\hat{1}^3$ -ray angular distributions with a 4π -detector array. <i>Physical Review C</i> , 2006, 73, .	2.9	85
92	GLOBAL REACTION MODELS RELEVANT TO THE p PROCESS. , 2006, , .		0
93	New determination of the $^{12}\text{C}(\hat{1}\pm, \hat{1}^3)^{16}\text{O}$ reaction rate from $\hat{1}^3$ -ray angular distribution measurements. <i>Nuclear Physics A</i> , 2005, 752, 514-521.	1.5	31
94	Systematic measurements of proton- and alpha-capture cross sections relevant to the modelling of the p process. <i>Nuclear Physics A</i> , 2005, 758, 505-508.	1.5	12
95	E1 and E2 capture cross section and astrophysical reaction rate of the key reaction $^{12}\text{C}(\hat{1}\pm, \hat{1}^3)^{16}\text{O}$. <i>Nuclear Physics A</i> , 2005, 758, 363-366.	1.5	47
96	Lifetime measurements in the Yrast magnetic band in ^{193}Pb . <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1559-S1562.	3.6	3
97	$\hat{1}^2$ decay of ^{95}Ag . <i>Physical Review C</i> , 2005, 72, .	2.9	8
98	Cross section of the $^{13}\text{C}(\hat{1}\pm, n)^{16}\text{O}$ reaction: A background for the measurement of geo-neutrinos. <i>Physical Review C</i> , 2005, 72, .	2.9	91
99	Proton and alpha-particle capture reactions at sub-Coulomb energies relevant to the p process. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1417-S1420.	3.6	13
100	Test of the critical point symmetry $X(5)$ in the mass $A=180$ region. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1427-S1432.	3.6	36
101	Cross section measurements of capture reactions relevant to the p process: Status and perspectives. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	3
102	Cross section measurements of the $^{89}\text{Y}(p, \hat{1}^3)^{90}\text{Zr}$ reaction at energies relevant to p-process nucleosynthesis. <i>Physical Review C</i> , 2004, 70, .	2.9	34
103	On the determination of beryllium in light element matrices using PIGE and NRA. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2004, 226, 622-630.	1.4	2
104	Investigation of deep implanted fluorine channeling profiles in silicon using resonant NRA. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 201, 623-629.	1.4	7
105	The key reactions in Stellar helium burning: $^{12}\text{C}(\hat{1}\pm, \hat{1}^3)^{16}\text{O}$ and $^{22}\text{Ne}(\hat{1}\pm, n)^{25}\text{Mg}$. <i>Nuclear Physics A</i> , 2003, 718, 131-134.	1.5	7
106	$\text{Se}(p, \hat{1}^3)$ cross section measurements for p-process studies. <i>Nuclear Physics A</i> , 2003, 718, 599-601.	1.5	1
107	A systematic study of proton capture reactions in the $\text{Se}-\text{Sb}$ region at energies relevant to the p process. <i>Nuclear Physics A</i> , 2003, 719, C115-C118.	1.5	3
108	Gamow-Teller strength distribution near ^{100}Sn . The beta decay of ^{102}In . <i>Nuclear Physics A</i> , 2003, 724, 313-332.	1.5	25

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109	Interaction of Calcium Carbonates with Lead in Aqueous Solutions. Environmental Science & Technology, 2003, 37, 3351-3360.	10.0	155
110	Proton induced reaction cross section measurements on Se isotopes for the astrophysical p-process. Physical Review C, 2003, 68, .	2.9	40
111	Identification of isomers in the $N=Z+1$ nucleus ^{95}Ag . Physical Review C, 2003, 68, .	2.9	29
112	The $^{88}\text{Sr}(p, \hat{1}^3)^{89}\text{Y}$ reaction at astrophysically relevant energies. Physical Review C, 2003, 67, .	2.9	50
113	$^{76}\text{Se}(p, \hat{1}^3)$ CROSS SECTION MEASUREMENTS FOR p-PROCESS STUDIES. , 2003, , .		0
114	A SYSTEMATIC STUDY OF PROTON-CAPTURE CROSS SECTIONS IN THE SE-SB REGION WITH RELEVANCE TO THE P-PROCESS NUCLEOSYNTHESIS. , 2003, , .		0
115	Astrophysical Reaction Rate of $^{12}\text{C}(\hat{1}^{\pm}, \hat{1}^3)^{16}\text{O}$. Astrophysical Journal, 2002, 567, 643-650.	4.5	238
116	Beta decay of medium and high spin isomers in ^{94}Ag . Nuclear Physics A, 2002, 708, 167-180.	1.5	51
117	$^{12}\text{C}(\hat{1}^{\pm}, \hat{1}^3)^{16}\text{O}$: The Key Reaction in Stellar Nucleosynthesis. Physical Review Letters, 2001, 86, 3244-3247.	7.8	113
118	Picosecond lifetime measurements in ^{109}Cd and ^{110}Cd . Nuclear Physics A, 2001, 683, 157-181.	1.5	17
119	Proton capture cross section of Sr isotopes. Nuclear Physics A, 2001, 688, 90-93.	1.5	4
120	Cross sections of $(p, \hat{1}^3)$ reactions of $N=50$ nuclei relevant to p-process. Nuclear Physics A, 2001, 688, 421-423.	1.5	4
121	Interaction of granitic biotite with selected lanthanides and actinides. Journal of Radioanalytical and Nuclear Chemistry, 2001, 247, 325-328.	1.5	13
122	Proton capture cross section of Sr isotopes and their importance for nucleosynthesis of proton-rich nuclides. Physical Review C, 2001, 64, .	2.9	32
123	Cross section measurements of the $^{93}\text{Nb}(p, \hat{1}^3)^{94}\text{Mo}$ reaction at $E_p=1.4\text{--}4.9\text{ MeV}$ relevant to the nucleosynthetic p-process. Physical Review C, 2001, 64, .	2.9	34
124	CROSS SECTION MEASUREMENTS OF $(p, \hat{1}^3)$ -REACTIONS RELEVANT TO THE NUCLEOSYNTHETIC p-PROCESS. , 2001, , .		0
125	DECAY PROPERTIES OF $N \sim Z$ NUCLEI BELOW 100SN . , 2001, , .		0
126	The $^{27}\text{Al}(p, \hat{1}^3)^{28}\text{Si}$ reaction: direct capture cross-section and resonance strengths at $E_p = 0.2\text{--}1.12\text{ MeV}$. European Physical Journal A, 2000, 9, 479-489.	2.5	36

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127	Beta decay of ^{93}Pd . European Physical Journal A, 2000, 8, 303-306.	2.5	20
128	Resonance strength measurements of the $^{27}\text{Al}(p, \hat{1}^3)^{28}\text{Si}$ reaction in the energy range $E_p = 0.8 \text{--} 2.0$ MeV. European Physical Journal A, 1999, 6, 303-308.	2.5	14
129	A method of determining the stopping power of light ions in crystal channels in the backscattering geometry. Nuclear Instruments & Methods in Physics Research B, 1998, 136-138, 137-140.	1.4	6
130	Application of Proton Microprobe and ^{12}C -Rutherford Backscattering Spectroscopy to the Identification of Hg(II) -Cations Sorbed by Granite Minerals. Radiochimica Acta, 1998, 83, 43-48.	1.2	7
131	Cross section and resonance strengths of the $^{19}\text{F}(p, \hat{1}^3)^{16}\text{O}$ reaction in the energy range $E_p = 0.8 \text{--} 3.6$ MeV. Zeitschrift für Physik A, 1997, 357, 283-289.	0.9	20
132	Dipole structures in ^{122}Xe . Zeitschrift für Physik A, 1997, 358, 135-137.	0.9	2
133	High spin structures of ^{122}Xe . Zeitschrift für Physik A, 1997, 358, 37-45.	0.9	12
134	Capture reactions in the helium burning of stars. Nuclear Physics A, 1997, 621, 149-152.	1.5	9
135	High spin structures in ^{194}Hg . Zeitschrift für Physik A, 1996, 354, 169-175.	0.9	1
136	High spin structures in ^{194}Hg . Zeitschrift für Physik A, 1996, 354, 169-175.	0.9	4
137	High spin levels in ^{119}Te . Zeitschrift für Physik A, 1995, 352, 243-244.	0.9	10
138	Measurement of the magnetic moment of the 10^+ isomer in ^{132}Ba . Physical Review C, 1995, 52, 1796-1800.	2.9	11
139	The $N = 7$ unfavoured superdeformed band in ^{193}Hg ; coriolis splitting and neutron shell structure at extreme deformation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 340, 150-154.	4.1	28
140	High-spin structure of ^{155}Dy . Nuclear Physics A, 1994, 580, 133-155.	1.5	21
141	A 250 kV high current ion accelerator for applications in nuclear astrophysics. Nuclear Instruments & Methods in Physics Research B, 1994, 89, 8-13.	1.4	4
142	First measurement of magnetic properties in a superdeformed nucleus: ^{193}Hg . Physical Review Letters, 1993, 71, 2176-2179.	7.8	53
143	Picosecond lifetime measurements and collective transition strengths in ^{128}Ba . Nuclear Physics A, 1992, 543, 589-612.	1.5	30
144	Lifetime measurements in ^{126}Ba . Journal of Physics G: Nuclear and Particle Physics, 1989, 15, L85-L89.	3.6	11

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145	The differential plunger and the differential decay curve method for the analysis of recoil distance Doppler-shift data. Zeitschrift für Physik A, Atomic Nuclei, 1989, 334, 163-175.	0.3	96
146	Interplay between proton and neutron S-bands in the Xe-Ba-Ce-region. Nuclear Physics A, 1989, 505, 337-351.	1.5	137
147	Test of the O(6) character of nuclei near A=130. Physical Review C, 1988, 38, 2386-2388.	2.9	21
148	10+yrast isomer in Ba132. Physical Review C, 1988, 37, 289-291.	2.9	13
149	Lifetime measurements in ^{120}Xe , using a coincidence plunger technique. Nuclear Physics A, 1987, 467, 528-538.	1.5	16
150	Beryllium determination in non-optimal matrices using the $^{9}\text{Be}(d,n\gamma)$ reaction. Nuclear Physics A, 1987, 505, 542-548.	0.0	0
151	Cross section measurement of the $^{191}\text{Ir}(n,2n)^{190}\text{Ir}$ reaction. HNPS Advances in Nuclear Physics, 0, 26, 166.	0.0	0