

Saverio Altieri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3054387/publications.pdf>

Version: 2024-02-01

133
papers

2,925
citations

172207

29
h-index

223531

46
g-index

133
all docs

133
docs citations

133
times ranked

2255
citing authors

#	ARTICLE	IF	CITATIONS
1	Potentialities of High-Resolution 3-D CZT Drift Strip Detectors for Prompt Gamma-Ray Measurements in BNCT. <i>Sensors</i> , 2022, 22, 1502.	2.1	15
2	Measuring the near-target neutron field of a Dâ€D fusion facility with the novel NCT-WES spectrometer. <i>European Physical Journal Plus</i> , 2022, 137, .	1.2	2
3	Colocalization of tracks from boron neutron capture reactions and images of isolated cells. <i>Applied Radiation and Isotopes</i> , 2021, 167, 109353.	0.7	6
4	A Novel Approach to Design and Evaluate BNCT Neutron Beams Combining Physical, Radiobiological, and Dosimetric Figures of Merit. <i>Biology</i> , 2021, 10, 174.	1.3	11
5	Detectors and Cultural Heritage: The INFN-CHNet Experience. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3462.	1.3	26
6	Modelling the response of semiconductor based thermal neutron detectors with MCNP 6.2 and PHITS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 1018, 165855.	0.7	6
7	<i>In Vivo</i> Evaluation of Multifunctional Gold Nanorods for Boron Neutron Capture and Photothermal Therapies. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49589-49601.	4.0	23
8	In vitro and in vivo BNCT investigations using a carborane containing sulfonamide targeting CAIX epitopes on malignant pleural mesothelioma and breast cancer cells. <i>Scientific Reports</i> , 2020, 10, 19274.	1.6	21
9	Accelerated Tests on Si and SiC Power Transistors with Thermal, Fast and Ultra-Fast Neutrons. <i>Sensors</i> , 2020, 20, 3021.	2.1	17
10	Design of a BNCT irradiation room based on proton accelerator and beryllium target. <i>Applied Radiation and Isotopes</i> , 2020, 165, 109314.	0.7	5
11	Recent advances in the development of high-resolution 3D cadmiumâ€zincâ€telluride drift strip detectors. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 1564-1576.	1.0	26
12	New results on high-resolution 3-D CZT drift strip detectors. , 2020, , .		1
13	Design, synthesis and preliminary in-vitro studies of novel boronated monocarbonyl analogues of Curcumin (BMAC) for antitumor and Î²-amiloyd disaggregation activity. <i>Bioorganic Chemistry</i> , 2019, 93, 103324.	2.0	15
14	Charged particle spectrometry to measure 10B concentration in bone. <i>Radiation and Environmental Biophysics</i> , 2019, 58, 237-245.	0.6	1
15	Translational boron neutron capture therapy (BNCT) studies for the treatment of tumors in lung. <i>International Journal of Radiation Biology</i> , 2019, 95, 646-654.	1.0	18
16	Innovative 3D sensitive CdZnTe solid state detector for dose monitoring in Boron Neutron Capture Therapy (BNCT). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2019, 936, 50-51.	0.7	12
17	Extending neutron autoradiography technique for boron concentration measurements in hard tissues. <i>Applied Radiation and Isotopes</i> , 2018, 137, 62-67.	0.7	6
18	Neutron flux and gamma dose measurement in the BNCT irradiation facility at the TRIGA reactor of the University of Pavia. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018, 414, 113-120.	0.6	19

#	ARTICLE	IF	CITATIONS
19	High performance 3D CZT spectro-imager for BNCT-SPECT: preliminary characterization. , 2018, , .		0
20	Prompt gamma tomography for BNCT-SPECT: a feasibility study using small animal phantoms. , 2018, , .		0
21	Preliminary characterization of a CdZnTe photon detector for BNCT-SPECT. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 903, 134-139.	0.7	11
22	An innovative therapeutic approach for malignant mesothelioma treatment based on the use of Gd/boron multimodal probes for MRI guided BNCT. Journal of Controlled Release, 2018, 280, 31-38.	4.8	27
23	Theranostic Nanoparticles Loaded with Imaging Probes and Rubrocurcumin for Combined Cancer Therapy by Folate Receptor Targeting. ChemMedChem, 2017, 12, 502-509.	1.6	40
24	Understanding the potentiality of accelerator based-boron neutron capture therapy for osteosarcoma: dosimetry assessment based on the reported clinical experience. Radiation Oncology, 2017, 12, 130.	1.2	18
25	Twin-Shaping Filter Technique Applied to CZT Detectors. , 2017, , .		0
26	An improved neutron autoradiography set-up for ^{10}B concentration measurements in biological samples. Reports of Practical Oncology and Radiotherapy, 2016, 21, 123-128.	0.3	24
27	Insights into the use of gadolinium and gadolinium/boron-based agents in imaging-guided neutron capture therapy applications. Future Medicinal Chemistry, 2016, 8, 899-917.	1.1	35
28	Assessing advantages of sequential boron neutron capture therapy (BNCT) in an oral cancer model with normalized blood vessels. Acta Oncologica, 2015, 54, 99-106.	0.8	18
29	Evaluation of the dose enhancement of combined ^{10}B + ^{157}Gd neutron capture therapy (NCT). Radiation Protection Dosimetry, 2015, 166, 369-373.	0.4	10
30	A theranostic approach based on the use of a dual boron/Gd agent to improve the efficacy of Boron Neutron Capture Therapy in the lung cancer treatment. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 741-750.	1.7	51
31	Measuring the stopping power of α particles in compact bone for BNCT. Journal of Physics: Conference Series, 2015, 583, 012047.	0.3	3
32	Modeling radiation-induced cell death: role of different levels of DNA damage clustering. Radiation and Environmental Biophysics, 2015, 54, 305-316.	0.6	34
33	Comparative study of the radiobiological effects induced on adherent vs suspended cells by BNCT, neutrons and gamma rays treatments. Applied Radiation and Isotopes, 2015, 106, 226-232.	0.7	5
34	The role of DNA cluster damage and chromosome aberrations in radiation-induced cell killing: a theoretical approach. Radiation Protection Dosimetry, 2015, 166, 75-79.	0.4	14
35	Water-soluble carboranyl-phthalocyanines for BNCT. Synthesis, characterization, and in vitro tests of the $\text{Zn}(\text{nido-carboranyl-hexylthiophthalocyanine})$. Dalton Transactions, 2015, 44, 11021-11028.	1.6	28
36	Testing and linearity calibration of films of phenol compounds exposed to thermal neutron field for EPR dosimetry. Applied Radiation and Isotopes, 2015, 106, 129-133.	0.7	14

#	ARTICLE	IF	CITATIONS
37	Inter-comparison of boron concentration measurements at INFN-University of Pavia (Italy) and CNEA (Argentina). <i>Applied Radiation and Isotopes</i> , 2015, 105, 35-39.	0.7	10
38	Toward a clinical application of <i>ex situ</i> boron neutron capture therapy for lung tumors at the RA-3 reactor in Argentina. <i>Medical Physics</i> , 2015, 42, 4161-4173.	1.6	14
39	Reprint of Inter-comparison of boron concentration measurements at INFN-University of Pavia (Italy) and CNEA (Argentina). <i>Applied Radiation and Isotopes</i> , 2015, 106, 171-175.	0.7	3
40	Microdosimetric measurements in the thermal neutron irradiation facility of LENA reactor. <i>Applied Radiation and Isotopes</i> , 2014, 88, 147-152.	0.7	11
41	Synthesis of a carborane-containing cholesterol derivative and evaluation as a potential dual agent for MRI/BNCT applications. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2457-2467.	1.5	41
42	The BIANCA model/code of radiation-induced cell death: application to human cells exposed to different radiation types. <i>Radiation and Environmental Biophysics</i> , 2014, 53, 525-533.	0.6	35
43	Boron concentration measurements by alpha spectrometry and quantitative neutron autoradiography in cells and tissues treated with different boronated formulations and administration protocols. <i>Applied Radiation and Isotopes</i> , 2014, 88, 78-80.	0.7	5
44	Biodistribution of the boron carriers boronophenylalanine (BPA) and/or decahydrodecaborate (GB-10) for Boron Neutron Capture Therapy (BNCT) in an experimental model of lung metastases. <i>Applied Radiation and Isotopes</i> , 2014, 88, 94-98.	0.7	26
45	Gamma Residual Radioactivity Measurements on Rats and Mice Irradiated in the Thermal Column of a Triga Mark II Reactor for BNCT. <i>Health Physics</i> , 2014, 107, 534-541.	0.3	9
46	Boron concentration measurement in biological tissues by charged particle spectrometry. <i>Radiation and Environmental Biophysics</i> , 2013, 52, 493-503.	0.6	12
47	Rational design of gold nanoparticles functionalized with carboranes for application in Boron Neutron Capture Therapy. <i>International Journal of Pharmaceutics</i> , 2013, 458, 340-346.	2.6	30
48	Carboranyl-porphyrazines and derivatives for boron neutron capture therapy: From synthesis to in vitro tests. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2213-2231.	9.5	37
49	A Model of Radiation-Induced Cell Killing: Insights into Mechanisms and Applications for Hadron Therapy. <i>Radiation Research</i> , 2013, 180, 307-315.	0.7	13
50	Neutron Capture Therapy: A Highly Selective Tumor Treatment. <i>Nuclear Physics News</i> , 2013, 23, 24-28.	0.1	4
51	Liver Metastases. , 2012, , 461-503.		0
52	Set-up and calibration of a method to measure ¹⁰ B concentration in biological samples by neutron autoradiography. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012, 274, 51-56.	0.6	16
53	Boron Determination in Liver Tissue by Combining Quantitative Neutron Capture Radiography (QNCr) and Histological Analysis for BNCT Treatment Planning at the TRIGA Mainz. <i>Radiation Research</i> , 2011, 176, 388-396.	0.7	12
54	<i>In Vitro</i> and <i>In Vivo</i> Studies of Boron Neutron Capture Therapy: Boron Uptake/Washout and Cell Death. <i>Radiation Research</i> , 2011, 175, 452-462.	0.7	16

#	ARTICLE	IF	CITATIONS
55	Nuclear magnetic resonance study of Gd-based nanoparticles to tag boron compounds in boron neutron capture therapy. <i>Journal of Applied Physics</i> , 2011, 109, 07B302.	1.1	0
56	¹ H and ¹⁰ B NMR and MRI investigation of boron- and gadolinium- ¹⁰ B boron compounds in boron neutron capture therapy. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1702-1705.	0.7	7
57	A micro-PET/CT approach using O-(2-[¹⁸ F]fluoroethyl)-l-tyrosine in an experimental animal model of F98 glioma for BNCT. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1717-1720.	0.7	12
58	Dose estimation in B16 tumour bearing mice for future irradiation in the thermal column of the TRIGA reactor after B/Gd/LDL adduct infusion. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1842-1845.	0.7	0
59	Cell death following BNCT: A theoretical approach based on Monte Carlo simulations. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1745-1747.	0.7	8
60	Simulation of the neutron flux in the irradiation facility at RA-3 reactor. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1924-1927.	0.7	9
61	Design, development and characterization of multi-functionalized gold nanoparticles for biodetection and targeted boron delivery in BNCT applications. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1692-1697.	0.7	36
62	Measurement of the helicity-dependent total cross-section for the $\gamma n \rightarrow p \pi^0$ reaction. <i>European Physical Journal A</i> , 2011, 47, 1.	1.0	6
63	MRI-Guided Neutron Capture Therapy by Use of a Dual Gadolinium/Boron Agent Targeted at Tumour Cells through Upregulated Low-Density Lipoprotein Transporters. <i>Chemistry - A European Journal</i> , 2011, 17, 8479-8486.	1.7	56
64	Boron uptake measurements in a rat model for Boron Neutron Capture Therapy of lung tumours. <i>Applied Radiation and Isotopes</i> , 2011, 69, 394-398.	0.7	17
65	A polarized ³ He target for the photon beam at MAMI. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2011, 648, 35-40.	0.7	8
66	From radiation-induced chromosome damage to cell death: modelling basic mechanisms and applications to boron neutron capture therapy. <i>Radiation Protection Dosimetry</i> , 2011, 143, 523-527.	0.4	9
67	Helicity dependence of the $\gamma d \rightarrow n \pi^0$ reactions in the Δ -resonance region. <i>European Physical Journal A</i> , 2010, 44, 189-201.	1.0	14
68	Carborane-Conjugated 2-Quinolincarboxamide Ligands of the Translocator Protein for Boron Neutron Capture Therapy. <i>Bioconjugate Chemistry</i> , 2010, 21, 2213-2221.	1.8	13
69	Measurement of $\hat{\pm}$ particle energy loss in biological tissue below 2MeV. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009, 267, 2938-2943.	0.6	3
70	Helicity dependence of the total inclusive cross section on the deuteron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 672, 328-332.	1.5	23
71	Thirteenth International Congress on Neutron Capture Therapy. <i>Applied Radiation and Isotopes</i> , 2009, 67, S1-S2.	0.7	12
72	Calculations of dose distributions in the lungs of a rat model irradiated in the thermal column of the TRIGA reactor in Pavia. <i>Applied Radiation and Isotopes</i> , 2009, 67, S210-S213.	0.7	10

#	ARTICLE	IF	CITATIONS
73	Selective uptake of p-boronophenylalanine by osteosarcoma cells for boron neutron capture therapy. Applied Radiation and Isotopes, 2009, 67, S341-S344.	0.7	20
74	Positron emission tomography and [18F]BPA: A perspective application to assess tumour extraction of boron in BNCT. Applied Radiation and Isotopes, 2009, 67, S351-S354.	0.7	26
75	Feasibility study on the utilization of boron neutron capture therapy (BNCT) in a rat model of diffuse lung metastases. Applied Radiation and Isotopes, 2009, 67, S332-S335.	0.7	14
76	Extra-corporeal liver BNCT for the treatment of diffuse metastases: What was learned and what is still to be learned. Applied Radiation and Isotopes, 2009, 67, S67-S75.	0.7	53
77	In vitro neutron irradiation of glioma and endothelial cultured cells. Applied Radiation and Isotopes, 2009, 67, S336-S340.	0.7	9
78	Carborane Derivatives Loaded into Liposomes as Efficient Delivery Systems for Boron Neutron Capture Therapy. Journal of Medicinal Chemistry, 2009, 52, 7829-7835.	2.9	65
79	Boron analysis and boron imaging in biological materials for Boron Neutron Capture Therapy (BNCT). Critical Reviews in Oncology/Hematology, 2008, 68, 66-90.	2.0	117
80	Neutron autoradiography imaging of selective boron uptake in human metastatic tumours. Applied Radiation and Isotopes, 2008, 66, 1850-1855.	0.7	52
81	Publisher's Note: Measurement of the Gerasimov-Drell-Hearn Integrand for H_2 from 200 to 800 MeV [Phys. Rev. Lett. 97, 202303 (2006)]. Physical Review Letters, 2007, 98, .	2.9	3
82	Dose distributions in phantoms irradiated in thermal columns of two different nuclear reactors. Radiation Protection Dosimetry, 2007, 126, 640-644.	0.4	2
83	Thermal neutron irradiation field design for boron neutron capture therapy of human explanted liver. Medical Physics, 2007, 34, 4700-4705.	1.6	17
84	First measurement of the helicity dependence for the $^3P_1 \rightarrow ^1P_1$ reaction. European Physical Journal A, 2007, 34, 11.	1.0	27
85	Clinical lessons from the first applications of BNCT on unresectable liver metastases.. Journal of Physics: Conference Series, 2006, 41, 484-495.	0.3	61
86	Boron absorption imaging in rat lung colon adenocarcinoma metastases. Journal of Physics: Conference Series, 2006, 41, 123-126.	0.3	11
87	Measurement of the Gerasimov-Drell-Hearn Integrand for H_2 from 200 to 800 MeV. Physical Review Letters, 2006, 97, 202303.	2.9	30
88	Measurement of the helicity dependence for the $^3P_1 \rightarrow ^1P_1$ channel in the second resonance region. Physical Review C, 2006, 74, .	1.1	29
89	Measurement of the resonance excitation in the $^3P_1 \rightarrow ^1P_1$ channel in the second resonance region. Physical Review C, 2006, 74, .	1.5	52
90	Measurement of the G asymmetry for the $^3P_1 \rightarrow ^1P_1$ channels in the 1P_1 (1232) resonance region. European Physical Journal A, 2005, 26, 135-140.	1.0	21

#	ARTICLE	IF	CITATIONS
91	Measurement of Helicity-Dependent Photoabsorption Cross Sections on the Neutron from 815 to 1825 ÅMeV. <i>Physical Review Letters</i> , 2005, 94, 162001.	2.9	39
92	Experimental Check of the Gerasimov-Drell-Hearn Sum Rule for H1. <i>Physical Review Letters</i> , 2004, 93, 032003.	2.9	63
93	How to Study Boron Biodistribution in Liver Metastases from Colorectal Cancer. <i>Journal of Chemotherapy</i> , 2004, 16, 15-18.	0.7	21
94	Efficacy of boron neutron capture therapy on liver metastases of colon adenocarcinoma: optical and ultrastructural study in the rat. <i>Oncology Reports</i> , 2004, 11, 149-53.	1.2	20
95	First measurement of the helicity-dependent $\hat{I}^3 \hat{p} \hat{t} \rho \hat{I}$ differential cross-section. <i>European Physical Journal A</i> , 2003, 17, 241-244.	1.0	23
96	Aging study for resistive plate chambers of the CMS muon trigger detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 515, 342-347.	0.7	21
97	Experimental results on RPC neutron sensitivity. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 508, 79-82.	0.7	7
98	The RPC system for the CMS experiment at the LHC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 508, 137-141.	0.7	9
99	First results on RB2 muon barrel RPC detector for CMS. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 508, 142-146.	0.7	8
100	Resistive plate chamber neutron and gamma sensitivity measurement with a ^{252}Cf source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 506, 101-109.	0.7	21
101	Helicity dependence of the $\hat{I}^3 \hat{a} \hat{t} \hat{p} \hat{a} \hat{t} \hat{n} \hat{I} \hat{E} \hat{I} \hat{E} \hat{O}$ reaction in the second resonance region. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 551, 49-55.	1.5	56
102	Neutron irradiation of RPCs for the CMS experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 508, 120-123.	0.7	6
103	First Measurement of the Gerasimov-Drell-Hearn Sum Rule for H1 from 0.7 to 1.8 ÅGeV at ELSA. <i>Physical Review Letters</i> , 2003, 91, 192001.	2.9	78
104	Helicity Amplitudes $A_{1/2}$ and $A_{3/2}$ for the $D_{13}(1520)$ Resonance Obtained from the $\hat{I}^3 \hat{a} \hat{t} \hat{p} \hat{a} \hat{t} \hat{n} \hat{I} \hat{E} \hat{I} \hat{E} \hat{O}$ Reaction. <i>Physical Review Letters</i> , 2002, 88, 232002.	2.9	63
105	Long-term performance of double gap resistive plate chambers under gamma irradiation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 477, 293-298.	0.7	5
106	Neutron-induced Single Event Upset on the RPC front-end chips for the CMS experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 484, 494-502.	0.7	3
107	Simulation of Resistive Plate Chamber sensitivity to neutrons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 461, 57-59.	0.7	15
108	Results from a complete simulation study of the RPC based muon trigger system for the CMS experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 461, 483-485.	0.7	4

#	ARTICLE	IF	CITATIONS
109	The resistive plate chambers for CMS and their simulation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 471, 55-59.	0.7	2
110	RECENT EXPERIMENTAL RESULTS AND DEVELOPMENTS ON THE RESISTIVE PLATE CHAMBERS FOR THE CMS EXPERIMENT. International Journal of Modern Physics A, 2001, 16, 1135-1138.	0.5	1
111	First Measurement of the Gerasimov-Drell-Hearn Integral for H1 from 200 to 800 MeV. Physical Review Letters, 2001, 87, .	2.9	141
112	Operative Modalities and Effects of BNCT on Liver Metastases of Colon Adenocarcinoma. , 2001, , 1427-1440.		10
113	A facility for the test of large-area muon chambers at high rates. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 452, 94-104.	0.7	57
114	A compact solid-state detector for small angle particle tracking. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 452, 185-191.	0.7	18
115	RPC \hat{I}^3 sensitivity simulation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 456, 99-102.	0.7	14
116	Performance of the first RPC station prototype for the CMS barrel detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 456, 103-108.	0.7	6
117	New developments on front-end electronics for the CMS Resistive Plate Chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 456, 143-149.	0.7	40
118	The bakelite for the RPCs of the experiment CMS. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 456, 132-136.	0.7	5
119	Helicity Dependence of \hat{I}^3 below 450 MeV and Contribution to the Gerasimov-Drell-Hearn Sum Rule. Physical Review Letters, 2000, 84, 5950-5954.	2.9	95
120	Performance of resistive plate chambers for the muon detection at CMS. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 90-95.	0.5	2
121	Progresses in the simulation of resistive plate chambers in avalanche mode. Nuclear Physics, Section B, Proceedings Supplements, 1999, 78, 459-464.	0.5	27
122	The simulation of resistive plate chambers in avalanche mode: charge spectra and efficiency. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 431, 413-427.	0.7	45
123	Local and global performance of double-gap resistive plate chambers operated in avalanche mode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 434, 244-253.	0.7	7
124	Histiocytic Activation following Neutron Irradiation of Boron-Enriched Rat Liver Metastases. Annals of the New York Academy of Sciences, 1997, 832, 274-278.	1.8	5
125	Two-body photodisintegration of the deuteron from 100 to 800 MeV. Nuclear Physics A, 1996, 603, 303-325.	0.6	50
126	Total photoabsorption cross sections for H1, H2, and He3 from 200 to 800 MeV. Physical Review C, 1996, 53, 41-49.	1.1	108

#	ARTICLE	IF	CITATIONS
127	Development of a Method to Use Boron Neutron Capture Therapy for Diffused Tumours of Liver (Taormina Project). , 1996, , 783-794.		7
128	An automated system to control the polarization voltage of silicon detectors. IEEE Transactions on Nuclear Science, 1995, 42, 57-60.	1.2	0
129	Two-body photodisintegration of ^3He between 200 and 800 MeV. Nuclear Physics A, 1994, 578, 525-541.	0.6	13
130	DAPHNE: a large-acceptance tracking detector for the study of photoreactions at intermediate energies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 301, 473-481.	0.7	80
131	Evaluation of selective boron absorption in liver tumors. Strahlentherapie Und Onkologie, 1989, 165, 170-2.	1.0	9
132	MORTALITY AND STERILITY INDUCED IN <i>PIOPHILA CASEI</i> BY X-RAY AND NEUTRON IRRADIATION. Entomologia Experimentalis Et Applicata, 1977, 22, 60-70.	0.7	4
133	A brief review on reactor-based neutron sources for boron neutron capture therapy. Therapeutic Radiology and Oncology, 0, 2, 47-47.	0.2	9