Marek MoszyÅ„ski

List of Publications by Year
in descending order

373	10,127	38742 50	58581 82
papers	citations	h-index	g-index

373	373	373	3921
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	LuAG:Pr, LuAG:Pr,Mo and LuYAG:Pr relative light yield measured at wide temperature range with MPPC readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1021, 165924.	1.6	3
2	The light response of CsI:Tl crystal after interaction with gamma radiation study using analysis of single scintillation pulses and digital oscilloscope readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2022, 1031, 166600.	1.6	5
3	Optical and scintillation properties of LuGd2Al2Ga3O12:Ce, Lu2GdAl2Ga3O12:Ce, and Lu2YAl2Ga3O12:Ce single crystals: A comparative study. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1004, 165381.	1.6	6
4	Sea container inspection with tagged neutrons. EPJ Nuclear Sciences & Technologies, 2021, 7, 6.	0.7	1
5	Comparison of detectors with pulse shape discrimination capability for simultaneous detection of gamma-rays, slow and fast neutrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1019, 165858.	1.6	12
6	Cerium-doped gadolinium fine aluminum gallate in scintillation spectrometry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2020, 979, 164464.	1.6	3
7	Neutron hardness of EJ-276 scintillation material. Journal of Instrumentation, 2020, 15, P10012-P10012.	1.2	5
8	SiPM proton irradiation for application in cosmic space. Journal of Instrumentation, 2020, 15, P03002-P03002.	1.2	8
9	Fast neutron and gamma ray pulse shape discrimination in EJ-276 and EJ-276G plastic scintillators. Journal of Instrumentation, 2020, 15, P03030-P03030.	1.2	34
10	Light Yield and Timing Characteristics of Luâ‚€.â‚ˆGdâ‚‚.â‚‚(Al_{5â€“x}Gax)Oâ‚‚:Ce,Mg Single Crystals. IEEE Transactions on Nuclear Science, 2020, 67, 2295-2299.	2.0	4
11	The light response of CsI: Tl scintillators with Tl concentrations of 0.05wt% to 0.13wt% for a temperature range of 303 K to 203 K. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 914, 165-172.	1.6	1
12	Scintillation properties of Gd3Al2Ga3O12:Ce, Li and Gd3Al2Ga3O12:Ce, Mg single crystal scintillators: A comparative study. Optical Materials, 2019, 92, 181-186.	3.6	20
13	Non-proportionality and energy resolution of LuxY1-xAG:Pr and LuAG:Pr,Mo crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 931, 81-87.	1.6	5
14	NEDAâ€”NEutron Detector Array. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 927, 81-86.	1.6	34
15	Scintillation response to gamma-rays measured at wide temperature range for Tl doped CsI with SiPM readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 916, 32-36.	1.6	5
16	Silicon photomultipliers in gamma spectroscopy with scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 926, 129-147.	1.6	21
17	Neutron detection and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll" id="d1e536" altimg="si9.gif"><mml:mi>Î³</mml:mi></mml:math>-ray suppression using artificial neural networks with the liquid scintillators BC-501A and BC-537. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 916, 238-245.	1.6	15
18	The New Neutron Multiplicity Filter NEDA and Its First Physics Campaign with AGATA. Acta Physica Polonica B, 2019, 50, 585.	0.8	3

#	Article	IF	Citations
19	New perspectives for undoped CaF2 scintillator as a threshold activation neutron detector. EPJ Web of Conferences, 2018, 170, 07012.	0.3	4
20	Study of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml79" display="inline" overflow="scroll" altimg="si79.gif"><mml:mi>n</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml80" display="inline" overflow="scroll" altimg="si80.gif"><mml:mi mathvariant="normal">Î³</mml:mi></mml:math> discrimination by zero-crossing method with SiPM based scintillation detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 8	1.6	17
21	Luminescence and scintillation characteristics of (GdxY3-x)Al2Ga3O12:Ce (xÂ=Â1,2,3) single crystals. Optical Materials, 2018, 76, 162-168.	3.6	21
22	Comparative Study of GdLu₂Al₂Ga₃O₁₂:Ce and GdY₂Al₂Ga₃O₁₂:Ce Scintillation Crystals for $gamma$ -Ray Detection. IEEE Transactions on Nuclear Science, 2018, 65, 2081-2084.	2.0	1
23	Advances on the development of the detection system of C-BORDâ€™s rapidly relocatable tagged neutron inspection. International Journal of Modern Physics Conference Series, 2018, 48, 1860125.	0.7	5
24	Pulse shape analysis of individual gamma eventsâ€”Correlation to energy resolution and the possibility of its improvement. Journal of Applied Physics, 2018, 124, 154504.	2.5	9
25	Scintillation properties of Gd3(Al5-xGax)O12:Ce (x = 2.3, 2.6, 3.0) single crystals. Optical Materials, 2018, 81, 23-29.	3.6	17
26	Non-proportionality of GAGG:Ce scintillators down to 50 eV electron equivalent by application of alpha particle excitation. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 898, 24-29.	1.6	5
27	Study of MPPC damage induced by neutrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 906, 30-36.	1.6	1
28	Pulse pile-up identification and reconstruction for liquid scintillator based neutron detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 897, 59-65.	1.6	24
29	Comparison of SensL and Hamamatsu 4Ã—4 channel SiPM arrays in gamma spectrometry with scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 856, 53-64.	1.6	27
30	Energy-Dependent Scintillation Pulse Shape and Proportionality of Decay Components for CsI:Tl: Modeling with Transport and Rate Equations. Physical Review Applied, 2017, 7, .	3.8	27
31	Silicon photomultipliers in scintillation detectors used for gamma ray energies up to 6.1 MeV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 874, 137-148.	1.6	10
32			

#	Article	IF	Citations
37	Conceptual design of the radial gamma ray spectrometers system forÎ±particle and runaway electron measurements at ITER. Nuclear Fusion, 2017, 57, 076016.	3.5	45
38	Detection System of the First Rapidly Relocatable Tagged Neutron Inspection System (RRTNIS), Developed in the Framework of the European H2020 C-BORD Project. Physics Procedia, 2017, 90, 279-284.	1.2	16
39	Evolution of MPPC properties as a function of neutron fluence. , 2017, , .		1
40	C-BORD - an overview of efficient toolbox for high-volume freight inspection. , 2017, , .		5
41	Non-proportionality and Energy Resolution of Lu<inf>X</inf>Y<inf>1-X</inf>AG:Pr and LuAG:Pr,Mo Crystals. , 2017, , .		0
42	Temperature Dependence of CsI:Tl Scintillation Pulse Shapes from -183Â°C to +90Â°C Measured with a SiPM Readout. , 2017, , .		0
43	Performance of 2 inch and 3 inch Scintillation Detectors with SiPM Light Readout. , 2017, , .		2
44	Temperature Dependence on Scintillation Properties of La-GPS(Ce). , 2017, , .		1
45	Timing resolution of monolithic scintillators coupled to laige SiPM arrays. , 2016, , .		0
46	High performance detectors for upgraded gamma ray diagnostics for JET DT campaigns. Physica Scripta, 2016, 91, 064003.	2.5	18
47	Photomultipliers With the Screening Grid at the Anode for TOF PET Block Detectors. IEEE Transactions on Nuclear Science, 2016, 63, 2772-2776.	2.0	1
48	Conceptual design of the early implementation of the NEutron Detector Array (NEDA) with AGATA. European Physical Journal A, 2016, 52, 1.	2.5	23
49	Commissioning and Field Tests of a Van-Mounted System for the Detection of Radioactive Sources and Special Nuclear Material. IEEE Transactions on Nuclear Science, 2016, 63, 1314-1322.	2.0	4
50	Scintillation timing characteristics of (La,Gd)2Si2O7:Ce and Gd2SiO5:Ce single crystal scintillators: A comparative study. Radiation Measurements, 2016, 92, 49-53.	1.4	3
51	Design of the rapidly relocatable tagged neutron inspection system of the C-BORD project. , 2016, , .		10
52	CsI:Tl scintillation pulse shapes measured with a SiPM photodetector in a liquid nitrogen cryostat. , 2016, , .		1
53	Comparison of prompt and delayed photofission neutron detection ttechniques using different types of radiation detectors. , 2016, , .		3
54	Energy Resolution and Slow Components in Undoped CsI Crystals. IEEE Transactions on Nuclear Science, 2016, 63, 459-466.	2.0	15

#	Article	IF	Citations
55	Timing characteristics of the scintillation response of Gd3Al2Ga3O12:Ce and Gd3Al2.6Ga2.4O12:Ce single crystal scintillators. Radiation Measurements, 2016, 87, 24-28.	1.4	5
56	Energy resolution of scintillation detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 805, 25-35.	1.6	64
57	Silicon photomultipliers in scintillation detectors used for gamma-ray energies up to 6.1 MeV. , 2015, , .		0
58	Photomultipliers with the screening grid at the anode for TOF PET block detectors. , 2015, , .		1
59	Gamma spectrometer based on CeBr<inf>3</inf> scintillator with compton suppression for identification of trace activities in water. , 2015, , .		0
60	New method for evaluating effective recovery time and single photoelectron response in silicon photomultipliers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 783, 58-64.	1.6	14
61	The time-of-flight method for characterizing the neutron response of liquid organic scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 781, 44-49.	1.6	17
62	Digital pulse-timing technique for the neutron detector array NEDA. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 775, 71-76.	1.6	19
63	Characterization of GAGG:Ce scintillators with various Al-to-Ga ratio. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 772, 112-117.	1.6	66
64	Digital Front-End Electronics for the Neutron Detector NEDA. IEEE Transactions on Nuclear Science, 2015, 62, 1063-1069.	2.0	6
65	Scintillation response of Xe gas studied by gamma-ray absorption and Compton electrons. Journal of Instrumentation, 2015, 10, P07003-P07003.	1.2	3
66	A New Front-End High-Resolution Sampling Board for the New-Generation Electronics of EXOGAM2 and NEDA Detectors. IEEE Transactions on Nuclear Science, 2015, 62, 1056-1062.	2.0	9
67	Verification of threshold activation detection (TAD) technique in prompt fission neutron detection using scintillators containing19F. Journal of Instrumentation, 2015, 10, T09005-T09005.	1.2	4
68	A digital front-end electronics for the neutron detector NEDA. , 2014, , .		0
69	microPMTâ€“A New Photodetector for Gamma Spectrometry and Fast Timing?. IEEE Transactions on Nuclear Science, 2014, 61, 2687-2693.	2.0	6
70	Measuring the scintillation decay time for different energy depositions in NaI:Tl, LSO:Ce and CeBr3 scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 749, 68-73.	1.6	26
71	Comparative studies of Lu1.95Y0.05SiO5:Ce and Lu0.7Y0.3AlO3:Ce single crystal scintillators for gamma-ray detection. Nuclear Instruments & Methods in Physics Research B, 2014, 326, 103-105.	1.4	2
72	Light yield nonproportionality of doped CeF3scintillators. Journal of Instrumentation, 2014, 9, P07013-P07013.	1.2	1

#	Article	IF	Citations
73	Test of digital neutronâ€“gamma discrimination with four different photomultiplier tubes for the NEutron Detector Array (NEDA). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 767, 83-91.	1.6	23
74	Scintillation properties of CsI:In single crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 761, 13-18.	1.6	17
75	Digital neutron-gamma discrimination methods: Charge comparison versus zero-crossing. , 2014, , .		2
76	Performance of FBK high-density SiPMs in scintillation spectrometry. Journal of Instrumentation, 2014, 9, P08004-P08004.	1.2	17
77	Study of n-Î³ discrimination by zero-crossing method with SiPM based scintillation detectors. , 2014, , .		4
78	Non-proportionality components in doped CsI. , 2014, , .		4
79	Common approach to study scintillators response to gamma-rays and protons. , 2014, , .		3
80	A new front-end high-resolution sampling board for the new-generation electronics of EXOGAM2 and NEDA detectors. , 2014, , .		0
81	Temperature properties of scintillators for PET detectors: A comparative study. , 2014, , .		4
82	Comparative study of large samples (2" Ã— 2") plastic scintillators and EJ309 liquid with pulse shape discrimination (PSD) capabilities. Journal of Instrumentation, 2014, 9, P06014-P06014.	1.2	22
83	Characterization of TSV MPPC arrays (4Ã—4 ch and 8Ã—8 ch) in scintillation spectrometry. , 2014, , .		1
84	Energy resolution of small scintillation detectors with SiPM light readout. Journal of Instrumentation, 2013, 8, P02017-P02017.	1.2	34
85	Decay chains and photofission investigation based on nuclear spectroscopy of highly enriched uranium sample. Applied Radiation and Isotopes, 2013, 82, 170-174.	1.5	4
86	CaF₂(Eu): an ``old'' scintillator revisited. Journal of Instrumentation, 2013, 8, P06010-P06010.	1.2	14
87	Characteristics of scintillation detectors based on inorganic scintillators and SiPM light readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 702, 91-93.	1.6	12
88	Characterization of CsI:Tl at a wide temperature range (â¯40Â°C to +22Â°C). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 707, 73-79.	1.6	15
89	Comparison of absorption, luminescence and scintillation characteristics in Lu1.95Y0.05SiO5:Ce,Ca and Y2SiO5:Ce scintillators. Optical Materials, 2013, 35, 1679-1684.	3.6	48
90	Characterization of new GAGG:Ce scintillators with different Al-to-Ga ratio. , 2013, , .		0

#	Article	IF	Citations
91	Response of doped alkali iodides measured with gamma-ray absorption and Compton electrons. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 705, 42-46.	1.6	16
92	Performance of cerium-doped Gd3Al2Ga3O12 (GAGG:Ce) scintillator in gamma-ray spectrometry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 712, 34-40.	1.6	117
93	MPPC Arrays in PET Detectors With LSO and BGO Scintillators. IEEE Transactions on Nuclear Science, 2013, 60, 1533-1540.	2.0	20
94	Odd-parity ¹⁰⁰Sn Core Excitations. Acta Physica Polonica B, 2013, 44, 491.	0.8	3
95	Performance of FBK high-density SiPMs in scintillation spectrometry. , 2013, , .		0
96	Non-proportionality and energy resolution of Xe gas scintillator in gamma-rays spectrometry. , 2013, , .		0
97	microPMT - a new photodetector for gamma spectrometry and fast timing?. , 2013, , .		0
98	Characterization of 2 Ã— 2 ch MPPC array over a wide temperature range (â^'20Â°C to +21Â°C). Journal of Instrumentation, 2013, 8, P07007-P07007.	1.2	7
99	Influence of lutetium content on the scintillation properties in (Lu x Y1â^'x)AlO3 :Ce single crystals. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1903-1908.	1.8	10
100	Extensive studies on light yield non-proportional response of undoped CeF3at room and liquid nitrogen temperatures. Journal of Instrumentation, 2013, 8, P06003-P06003.	1.2	5
101	Characterization of 4 Ã— 4ch MPPC array in scintillation spectrometry. Journal of Instrumentation, 2013, 8, P09020-P09020.	1.2	15
102	Calibration of EJ309 liquid scintillator for neutron spectrometry. , 2012, , .		2
103	Time jitter of silicon photomultipliers. , 2012, , .		0
104	N=50core excited states studied in the4696Pd50nucleus. Physical Review C, 2012, 86, .	2.9	13
105	Characterization of 2×2ch MPPC array at a wide temperature range (−20) Tj ETQq1 1 0.784314 rgBT /Ove		0
106	Properties of CdWO₄and ZnWO₄scintillators at liquid nitrogen temperature. Journal of Instrumentation, 2012, 7, P03011-P03011.	1.2	23
107	Electron response of some low-Z scintillators in wide energy range. Journal of Instrumentation, 2012, 7, P06011-P06011.	1.2	25
108	Characterization of 4×4ch MPPC array in scintillation spectrometry. , 2012, , .		2

#	Article	IF	Citations
109	Liquid scintillators and composites in fast neutron detection. Journal of Instrumentation, 2012, 7, C04004-C04004.	1.2	13
110	Investigation of the Properties of ${hbox {3}}^{primeprime}imes {hbox {3}}^{primeprime}$ Different Scintillation Detectors for Neutron Activation Analysis Techniques. IEEE Transactions on Nuclear Science, 2012, 59, 230-235.	2.0	2
111	MPPC Array in the Readout of CsI:Tl, LSO:Ce:Ca, LaBr$_{3}!$:Ce, and BGO Scintillators. IEEE Transactions on Nuclear Science, 2012, 59, 3294-3303.	2.0	31
112	Non-Proportionality of Electron Response and Energy Resolution of Compton Electrons in Scintillators. IEEE Transactions on Nuclear Science, 2012, 59, 222-229.	2.0	123
113	Study of NaI(Tl) scintillator cooled down to liquid nitrogen temperature. Journal of Instrumentation, 2012, 7, P11006-P11006.	1.2	15
114	Energy dependence of scintillation decay time measured with gamma-rays and compton electrons. , 2012, , .		0
115	Study of undoped CeF<inf>3</inf> scintillators at room and liquid nitrogen temperature. , 2012, , .		0
116	Neutron/gamma discrimination properties of composite scintillation detectors. Journal of Instrumentation, 2011, 6, P07007-P07007.	1.2	35
117	MPPC arrays in PET detectors with LSO and BGO scintillators. , 2011, , .		2
118	Properties of NaI(Tl) scintillator at liquid nitrogen temperature. , 2011, , .		2
119	Thermal neutron detection with Ce3+ doped LiCaAlF6 single crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 319-322.	1.6	46
120	Characterization of LFS-3 scintillator in comparison with LSO. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 226-230.	1.6	20
121	Suppression of gamma-ray sensitivity of liquid scintillators for neutron detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 330-333.	1.6	16
122	Scintillation Properties of Lu3Al5O12, Lu2SiO5 and LaBr3 Crystals Activated with Cerium. Physics Procedia, 2011, 22, 218-226.	1.2	17
123	Gamma-ray and electron response in doped alkali halide scintillators. , 2011, , .		0
124	The BC-704 scintillation screen with light readout by wavelength shifting fibers as a highly efficient neutron detector. , 2011, , .		2
125	2×2 MPPC arrays in gamma spectrometry with CsI(Tl), LSO:Ce(Ca), LaBr<inf>3</inf>, BGO. , 2011, , .		3
126	Effective dead time of APD cells of SiPM. , 2011, , .		12

#	Article	IF	Citations
127	Lu_{1.8}Y_{0.2}SiO₅:Ce and LaCl₃:Ce Scintillators for Gamma-Ray Detection. Advanced Materials Research, 2011, 284-286, 2064-2069.	0.3	1
128	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2011, 4, 59.	0.1	6
129	Characterization of Scintillators by Modern Photomultipliersâ€"A New Source of Errors. IEEE Transactions on Nuclear Science, 2010, 57, 2886-2896.	2.0	46
130	Energy resolution of CsI(Na) scintillators. Radiation Measurements, 2010, 45, 377-379.	1.4	22
131	Energy resolution and non-proportionality of scintillation detectors â€“ new observations. Radiation Measurements, 2010, 45, 372-376.	1.4	37
132	Measurement of Compton edge position in low-Z scintillators. Radiation Measurements, 2010, 45, 605-607.	1.4	53
133	Timing Resolution and Decay Time of LSO Crystals Co-Doped With Calcium. IEEE Transactions on Nuclear Science, 2010, 57, 1329-1334.	2.0	23
134	Energy resolution and nonlinearity of NaI(Tl), CaF<inf>2</inf>(Eu), and plastic scintillators measured with the wide-angle Compton-coincidence technique. , 2010, , .		5
135	Linearity and energy resolution of compton electrons in CZT measured using the wide angle compton coincidence technique. , 2010, , .		0
136	Energy Resolution of Compton Electrons in LaBr$_{3}$:Ce Scintillator. IEEE Transactions on Nuclear Science, 2010, 57, 1697-1701.	2.0	55
137	Light Pulse Shapes in Liquid Scintillators Originating From Gamma-Rays and Neutrons. IEEE Transactions on Nuclear Science, 2010, 57, 3846-3852.	2.0	27
138	Comparison of Neutron Detection Efficiency of a He-3 Counter and a Boron-10 Loaded Liquid Scintillator. IEEE Transactions on Nuclear Science, 2010, 57, 2857-2861.	2.0	6
139	Further study of undoped NaI scintillators with different purity. , 2010, , .		6
140	CaF<inf>2</inf>(Eu): An “Old” scintillator revisited. , 2010, , .		0
141	Energy resolution of scintillation detectors with SiPM light readout. , 2010, , .		18
142	Time resolution of scintillation detectors based on SiPM in comparison to photomultipliers. , 2010, , .		11
143	Further Study of Boron-10 Loaded Liquid Scintillators for Detection of Fast and Thermal Neutrons. IEEE Transactions on Nuclear Science, 2010, 57, 375-380.	2.0	29
144	A Time Resolution Study of a Continuous Crystal Detector for TOF PET. IEEE Transactions on Nuclear Science, 2010, 57, 40-47.	2.0	1

#	Article	IF	Citations
145	The comparison of large scintillators for high energy gamma-rays detection. , 2010, , .		0
146	Multi Pixel Photon Counters (MPPC) as an Alternative to APD in PET Applications. IEEE Transactions on Nuclear Science, 2010, 57, 1008-1014.	2.0	35
147	Non-proportionality of electron response and energy resolution of Compton electrons in scintillators. , 2010, , .		3
148	Energy Resolution of Calcium Co-Doped LSO:Ce Scintillators. IEEE Transactions on Nuclear Science, 2009, 56, 2972-2978.	2.0	21
149	Demonstration of a Dual-Range Photon Detector With SDD and ${hbox {LaBr}}_{3}({hbox) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.0	10
150	Composite scintillators as detectors for fast neutrons and gamma-radiation detection in the border monitoring. , 2009, , .		5
151	Performance of CsI(Na) scintillators in Î³-Ray spectrometry. , 2009, , .		3
152	Light pulse shapes in liquid scintillators originating from gamma-rays and neutrons. , 2009, , .		0
153	Properties of CdWO<inf>4</inf> and ZnWO<inf>4</inf> at liquid nitrogen temperature. , 2009, , .		0
154	Comparative studies of Lu₃Al₅O₁₂:Ce and Y₃Al₅O₁₂:Ce scintillators for gammaâ€ray detection. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 2599-2605.	1.8	43
155	A technique for measuring the energy resolution of low-Z scintillators. , 2009, , .		18
156	Scintillation Properties of LuAG:Ce, YAG:Ce and LYSO:Ce Crystals for Gamma-Ray Detection. IEEE Transactions on Nuclear Science, 2009, 56, 3800-3805.	2.0	227
157	Comparison of neutron detection efficiency using a He-3 counter and a Boron-10 loaded liquid scintillator EJ309B5. , 2009, , .		3
158	Light yield non-proportionality of undoped YAP scintillator. Journal of Instrumentation, 2009, 4, P05006-P05006.	1.2	11
159	Fast Photomultipliers for TOF PET. IEEE Transactions on Nuclear Science, 2009, 56, 173-181.	2.0	61
160	A Comparative Study of Fast Photomultipliers for Timing Experiments and TOF PET. IEEE Transactions on Nuclear Science, 2009, 56, 1017-1023.	2.0	11
161	Characterization of scintillators by modern photomultipliers — A new source of errors. , 2009, , .		3
162	A Comparative Study of Silicon Drift Detectors With Photomultipliers, Avalanche Photodiodes and PIN Photodiodes in Gamma Spectrometry With LaBr$_{3}$ Crystals. IEEE Transactions on Nuclear Science, 2009, 56, 1006-1011.	2.0	24

#	Article	IF	Citations
163	A Comparative Study of Undoped NaI Scintillators With Different Purity. IEEE Transactions on Nuclear Science, 2009, 56, 1655-1660.	2.0	28
164	Scintillation Properties of Praseodymium Doped LuAG Scintillator Compared to Cerium Doped LuAG, LSO and ${m LaBr} _{3}$. IEEE Transactions on Nuclear Science, 2009, 56, 2499-2505.	2.0	54
165	Light Yield Non-Proportionality and Energy Resolution of Praseodymium Doped LuAG Scintillator. IEEE Transactions on Nuclear Science, 2009, 56, 934-938.	2.0	49
166	Energy resolution of Compton electrons in scintillators. , 2009, , .		0
167	Measurement of 14MeV neutron-induced prompt gamma-ray spectra from 15 elements found in cargo containers. Applied Radiation and Isotopes, 2008, 66, 421-434.	1.5	42
168	In-field tests of the EURITRACK tagged neutron inspection system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 397-405.	1.6	57
169	Light transport in long, plastic scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 593, 426-430.	1.6	7
170	Energy Resolution of Scintillation Detectorsâ€"New Observations. IEEE Transactions on Nuclear Science, 2008, 55, 1062-1068.	2.0	53
171	Light Pulse Shape Dependence on $gamma$-Ray Energy in CsI(Tl). IEEE Transactions on Nuclear Science, 2008, 55, 1246-1250.	2.0	83
172	Silicon photomultiplier as an alternative for APD in PET/MRI applications. , 2008, , .		13
173	A Comparative Study of Undoped NaI Scintillators with Different Purity. , 2008, , .		0
174	Scintillation Properties of Undoped CsI and CsI Doped With CsBr. IEEE Transactions on Nuclear Science, 2008, 55, 1241-1245.	2.0	12
175	Boron-10 Loaded BC523A Liquid Scintillator for Neutron Detection in the Border Monitoring. IEEE Transactions on Nuclear Science, 2008, 55, 3710-3716.	2.0	37
176	Non-Proportionality of Organic Scintillators and BGO. IEEE Transactions on Nuclear Science, 2008, 55, 1069-1072.	2.0	37
177	Application of Hamamatsu S8550 APD Array to the Common PET/CT Detector. IEEE Transactions on Nuclear Science, 2008, 55, 2460-2464.	2.0	8
178	A Continuous Crystal Detector for TOF PET. , 2008, , .		0
179	Energy Resolution of Calcium Co-doped LSO:Ce Scintillators. , 2008, , .		3
180	Study of LaBr$_{3}$ Crystals Coupled to Photomultipliers and Avalanche Photodiodes. IEEE Transactions on Nuclear Science, 2008, 55, 1774-1780.	2.0	28

#	Article	IF	Citations
181	Scintillation Properties of Praseodymium Doped LuAG Scintillator Compared to Cerium Doped LuAG, LSO and LaBr₃. , 2008, , .		1
182	Further study of Boron-10 loaded liquid scintillators for detection of fast and thermal neutrons. , 2008, , .		3
183	Fast photomultipliers for TOF PET. , 2007, , .		9
184	Application of Hamamatsu S8550 APD array to the common PET/CT detector. , 2007, , .		0
185	Scanning Cargo Containers with Tagged Neutrons. AIP Conference Proceedings, 2007, , .	0.4	1
186	Energy Resolution of LGSO Scintillators. IEEE Transactions on Nuclear Science, 2007, 54, 725-731.	2.0	61
187	Energy Resolution and Non-proportionality of Scintillation Detectors. Materials Research Society Symposia Proceedings, 2007, 1038, 1.	0.1	1
188	Boron-10 loaded BC523A liquid scintillator for neutron detection in the border monitoring. , 2007, , .		2
189	Application of LaBr<inf>3</inf>(Ce³⁺) scintillators in radio-isotope identification devices. , 2007, , .		4
190	Study of LaBr<inf>3</inf> crystals coupled to photomultipliers and avalanche photodiodes. , 2007, , .		13
191	Investigation of Absolute Light Output Measurement Techniques. IEEE Transactions on Nuclear Science, 2007, 54, 1367-1371.	2.0	17
192	The Road to the Common PET/CT Detector. IEEE Transactions on Nuclear Science, 2007, 54, 1459-1463.	2.0	14
193	A Further Study of Timing With LSO on XP20D0 for TOF PET. IEEE Transactions on Nuclear Science, 2007, 54, 1464-1473.	2.0	31
194	Non-Proportionality and Energy Resolution of NaI(Tl) at Wide Temperature Range ($-40^{circ}{hbox) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.0	38
195	Non-Proportionality and Energy Resolution of CsI(Tl). IEEE Transactions on Nuclear Science, 2007, 54, 1836-1841.	2.0	47
196	Development of the EURITRACK tagged neutron inspection system. Nuclear Instruments & Methods in Physics Research B, 2007, 261, 295-298.	1.4	56
197	Comparative Study of Scintillators for PET/CT Detectors. IEEE Transactions on Nuclear Science, 2007, 54, 3-10.	2.0	80
198	Energy Resolution of LGSO Scintillators. , 2006, , .		4

#	Article	IF	Citations
199	Comparison of a LaBr$_{3}$(Ce) Scintillation Detector With a Large Volume CdZnTe Detector. IEEE Transactions on Nuclear Science, 2006, 53, 3938-3943.	2.0	13
200	The 75 mm diameter photonis XP43D2 photomultiplier with the screening grid at the anode for timing experiments. IEEE Transactions on Nuclear Science, 2006, 53, 1540-1546.	2.0	6
201	Comparative study of large NaI(Tl) and BGO scintillators for the EURopean illicit TRAfficking countermeasures kit project. IEEE Transactions on Nuclear Science, 2006, 53, 1737-1743.	2.0	22
202	NON-PROPORTIONALITY AND ENERGY RESOLUTION OF SCINTILLATION DETECTORS. , 2006, , 293-315.		11
203	New Prospects for Time-of-Flight PET With LSO Scintillators. IEEE Transactions on Nuclear Science, 2006, 53, 2484-2488.	2.0	66
204	Comparative study of PP0275C hybrid photodetector and XP2020Q photomultiplier in scintillation detection. Journal of Instrumentation, 2006, 1, P05001-P05001.	1.2	5
205	Temperature dependences of LaBr3(Ce), LaCl3(Ce) and NaI(Tl) scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 568, 739-751.	1.6	127
206	New Photonis XP20D0 photomultiplier for fast timing in nuclear medicine. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 567, 31-35.	1.6	58
207	The Road to the Common PET/CT Detector. , 2006, , .		2
208	A Further Study of Timing with LSO on XP20D0 for TOF PET. , 2006, , .		0
209	Non-proportionality and Energy Resolution of CsI(Tl). , 2006, , .		8
210	The EURITRACK project: development of a tagged neutron inspection system for cargo containers. , 2006, 6213, 34.		15
211	Investigation of Absolute Light Output Measurement Techniques. , 2006, , .		0
212	Non-proportionality and Energy Resolution of NaI(Tl) at Wide Temperature Range (-40Â°C to +23Â°C). , 2006, , .		8
213	Observation ofNi54: Cross-Conjugate Symmetry inf7/2Mirror Energy Differences. Physical Review Letters, 2006, 97, 152501.	7.8	41
214	Publisherâ€™s Note: Observation ofNi54: Cross-Conjugate Symmetry inf7/2Mirror Energy Differences [Phys. Rev. Lett.97, 152501 (2006)]. Physical Review Letters, 2006, 97, .	7.8	0
215	Comparison of LaCl3:Ce and NaI(Tl) scintillators in Î³-ray spectrometry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 537, 50-56.	1.6	52
216	Characterization of CaWO4 scintillator at room and liquid nitrogen temperatures. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 553, 578-591.	1.6	63

#	Article	IF	Citations
217	Maximally aligned states in the proton drip line nucleus 106Sb. Nuclear Physics A, 2005, 753, 251-262.	1.5	7
218	Highly efficient charged particle veto detector CUP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 550, 414-424.	1.6	2
219	Non-proportionality and thermoluminescence of LSO:Ce. IEEE Transactions on Nuclear Science, 2005, 52, 1098-1104.	2.0	80
220	Evaluation of new photonis XP1472 nine-channel photomultiplier. IEEE Transactions on Nuclear Science, 2005, 52, 1027-1032.	2.0	3
221	Energy resolution and non-proportionality of the light yield of pure CsI at liquid nitrogen temperatures. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 537, 357-362.	1.6	58
222	Low-temperature spectroscopic and scintillation characterisation of Ti-doped Al2O3. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 546, 523-534.	1.6	29
223	CdWO/sub 4/ crystal in gamma-ray spectrometry. IEEE Transactions on Nuclear Science, 2005, 52, 3124-3128.	2.0	52
224	Perspectives for high resolution and high light output LuAP:Ce crystals. IEEE Transactions on Nuclear Science, 2005, 52, 1823-1829.	2.0	8
225	Spectral gamma detectors for hand-held radioisotope identification devices (RIDs) for nuclear security applications. IEEE Transactions on Nuclear Science, 2005, 52, 3111-3118.	2.0	16
226	/sup 6/LiI(Eu) in neutron and /spl gamma/-ray spectrometry-a highly sensitive thermal neutron detector. IEEE Transactions on Nuclear Science, 2005, 52, 3151-3156.	2.0	49
227	Energy resolution of scintillation detectors. , 2005, , .		30
228	First in-beam PET imaging with LSO/APD array detectors. IEEE Transactions on Nuclear Science, 2004, 51, 2654-2661.	2.0	13
229	Observation of a core-excitedE4isomer inCd98. Physical Review C, 2004, 69, .	2.9	71
230	The LSO/APD array as a possible detector for in-beam PET in hadron therapy. IEEE Transactions on Nuclear Science, 2004, 51, 1389-1394.	2.0	10
231	Intrinsic energy resolution and light yield nonproportionality of BGO. IEEE Transactions on Nuclear Science, 2004, 51, 1074-1079.	2.0	76
232	New fast photomultipliers with a screening grid at the anode. IEEE Transactions on Nuclear Science, 2004, 51, 1701-1706.	2.0	51
233	Readout of plastic scintillators with cooled large-area avalanche photodiodes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 523, 425-434.	1.6	1
234	Characterization of Yb:YAG and Yb:YAP scintillators by means of LAAPD at temperature around 100K. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 496, 385-389.	1.6	26

#	Article	IF	Citations
235	Avalanche photodiodes in scintillation detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 497, 226-233.	1.6	42
236	Application of large area avalanche photodiodes to study scintillators at liquid nitrogen temperatures. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 504, 307-312.	1.6	30
237	Hamamatsu S8550 APD arrays for high-resolution scintillator matrices readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 504, 139-142.	1.6	26
238	Intrinsic energy resolution of pure NaI studied with large area avalanche photodiodes at liquid nitrogen temperatures. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 505, 63-67.	1.6	34
239	Inorganic scintillation detectors in Î³-ray spectrometry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 505, 101-110.	1.6	103
240	Study of pure NaI at room and liquid nitrogen temperatures. IEEE Transactions on Nuclear Science, 2003, 50, 767-773.	2.0	45
241	New fast photomultipliers with a screening grid at the anode. , 2003, , .		0
242	Comparative study of PP0275C hybrid photodetector and XP2020Q photomultiplier in scintillation detection. , 2003, , .		0
243	Intrinsic energy resolution and light yield non-proportionality of BGO. , 2003, , .		2
244	Performance of large-area avalanche photodiodes at liquid nitrogen temperature. IEEE Transactions on Nuclear Science, 2002, 49, 971-976.	2.0	27
245	Evaluation of LAAPD arrays for high-resolution scintillator matrices readout. IEEE Transactions on Nuclear Science, 2002, 49, 1693-1698.	2.0	2
246	Energy resolution and light yield non-proportionality of ZnSe:Te scintillator studied by large area avalanche photodiodes and photomultipliers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 482, 720-727.	1.6	38
247	Intrinsic energy resolution of NaI(Tl). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 484, 259-269.	1.6	164
248	Studies of scintillation light nonproportionality of ZnSe(Te), CsI(Tl) and YAP(Ce) crystals using heavy ions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 484, 327-332.	1.6	10
249	Large area avalanche photodiodes in scintillation and X-rays detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 485, 504-521.	1.6	104
250	Energy resolution and light yield non-proportionality of pure NaI scintillator studied with large area avalanche photodiodes at liquid nitrogen temperatures. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 486, 13-17.	1.6	32
251	Scintillation properties and mechanism in Lu0.8Y0.2AlO3:Ce. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 486, 176-180.	1.6	36
252	Neutron excitations across the N=50 shell gap in 102In. Nuclear Physics A, 2002, 708, 181-189.	1.5	8

#	Article	IF	Citations
253	Comparative study of avalanche photodiodes with different structures in scintillation detection. IEEE Transactions on Nuclear Science, 2001, 48, 1205-1210.	2.0	50
254	Timing properties of LuAP:Ce studied with large-area avalanche photodiodes. IEEE Transactions on Nuclear Science, 2001, 48, 2344-2347.	2.0	5
255	Excited states in103Sn:Neutron single-particle energies with respect to100Sn. Physical Review C, 2001, 63, .	2.9	28
256	RoSiB â€“ a 4Ï€ silicon ball for charged-particle detection in EUROBALL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 443, 304-318.	1.6	6
257	Large Area Avalanche Photodiodes in X-rays and scintillation detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 442, 230-237.	1.6	51
258	Future hosts for fast and high light output cerium-doped scintillator. Journal of Luminescence, 2000, 87-89, 963-966.	3.1	56
259	Response of BaF2 and YAP:Ce to heavy ions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 444, 626-630.	1.6	13
260	YSO, LSO, GSO and LGSO. A study of energy resolution and nonproportionality. IEEE Transactions on Nuclear Science, 2000, 47, 1319-1323.	2.0	149
261	Comparison of the scintillation properties of LSO:Ce manufactured by different laboratories and of LGSO:Ce. IEEE Transactions on Nuclear Science, 2000, 47, 1341-1345.	2.0	45
262	Large area avalanche photodiodes in X-rays and light detection. IEEE Transactions on Nuclear Science, 2000, 47, 1297-1302.	2.0	29
263	Large size LSO:Ce and YSO:Ce scintillators for 50 MeV range /spl gamma/-ray detector. IEEE Transactions on Nuclear Science, 2000, 47, 1324-1328.	2.0	20
264	Avalanche photodiodes in scintillation detection for high resolution PET. IEEE Transactions on Nuclear Science, 2000, 47, 2029-2033.	2.0	16
265	The EUROBALL neutron wall â€“ design and performance tests of neutron detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 421, 531-541.	1.6	124
266	A high-energy resolution observed from a YAP:Ce scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 421, 610-613.	1.6	92
267	Low energy /spl gamma/-rays scintillation detection with large area avalanche photodiodes. IEEE Transactions on Nuclear Science, 1999, 46, 880-885.	2.0	69
268	Properties of the YAP : Ce scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 404, 157-165.	1.6	130
269	Comparison of YAP and BGO for high-resolution PET detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 404, 413-417.	1.6	20
270	Energy resolution of scintillation detectors readout with large area avalanche photodiodes and photomultipliers. IEEE Transactions on Nuclear Science, 1998, 45, 472-477.	2.0	97

#	Article	IF	Citations
271	Blue enhanced large area avalanche photodiodes in scintillation detection with LSO, YAP and LuAP crystals. IEEE Transactions on Nuclear Science, 1997, 44, 436-442.	2.0	128
272	Limitations of the pulse-shape technique for particle discrimination in planar Si detectors. IEEE Transactions on Nuclear Science, 1997, 44, 1040-1045.	2.0	21
273	Absolute light output of scintillators. IEEE Transactions on Nuclear Science, 1997, 44, 1052-1061.	2.0	368
274	Properties of the new LuAP:Ce scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 385, 123-131.	1.6	108
275	Investigation of some scintillation properties of YAG:Ce crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 398, 287-294.	1.6	62
276	Subnanosecond timing with large area avalanche photodiodes and LSO scintillator. IEEE Transactions on Nuclear Science, 1996, 43, 1298-1302.	2.0	35
277	Identification of light charged particles and heavy ions in silicon detectors by means of pulse-shape discrimination. IEEE Transactions on Nuclear Science, 1996, 43, 1097-1101.	2.0	32
278	Timing properties of GSO, LSO and other Ce doped scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 372, 51-58.	1.6	51
279	Ballistic deficit correction methods for large Ge detectors High counting rate study. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 357, 546-558.	1.6	5
280	Comparison of n-Î³ discrimination by zero-crossing and digital charge comparison methods. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 360, 584-592.	1.6	79
281	The light yield response of NE213 organic scintillators to charged particles resulting from neutron interactions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 359, 530-536.	1.6	36
282	Application of the pulse-shape technique to proton-alpha discrimination in Si-detector arrays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 365, 176-184.	1.6	37
283	Advantages and limitations of LSO scintillator in nuclear physics experiments. IEEE Transactions on Nuclear Science, 1995, 42, 328-336.	2.0	81
284	Identification of different reaction channels of high energy neutrons in liquid scintillators by the pulse shape discrimination method. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 343, 563-572.	1.6	31
285	Study of n-Î³ discrimination with NE213 and BC501A liquid scintillators of different size. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 350, 226-234.	1.6	69
286	Properties of the YAG:Ce scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 345, 461-467.	1.6	285
287	Timing properties of Philips XP2020UR photomultiplier. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 324, 269-275.	1.6	19
288	Prospects for new fast photomultipliers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 337, 154-164.	1.6	23

#	Article	IF	Citations
289	Particle identification by digital charge comparison method applied to CsI(Tl) crystal coupled to photodiode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 336, 587-590.	1.6	21
290	Timing study with fast photomultipliers equipped with a screening grid at the anode. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 330, 100-102.	1.6	7
291	Study of n-Î³ discrimination by digital charge comparison method for a large volume liquid scintillator. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 317, 262-272.	1.6	42
292	Retardation of B(E2; 01+ â†' 21+) rates in 90â€“96Sr and strong subshell closure effects in the A ~ 100 region. Nuclear Physics A, 1991, 523, 197-227.	1.5	149
293	A fast charge integrating ADC for the CPLEAR experiment at CERN. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 301, 424-434.	1.6	5
294	Ballistic deficit correction methods for large Ge detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 308, 557-567.	1.6	13
295	Comparative study of new 130 mm diameter fast photomultipliers for neutron detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 307, 97-109.	1.6	27
296	A 2Ï€ neutron and Î³-ray multiplicity filter for the NORDBALL detection system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 300, 303-311.	1.6	69
297	Timing properties of long scintillation counters based on scintillating fibers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 301, 223-229.	1.6	19
298	Sudden shape change from spherical to maximally deformed for Aâ‹100 nuclei. Nuclear Physics A, 1990, 507, 141-148.	1.5	24
299	Evidence for the contribution of 0f5/2,1p3/2 proton excitations in the low-lying states inZr92,94. Physical Review C, 1990, 42, 568-572.	2.9	14
300	Coexistence features in the spherical-deformedAâ‰Š100 transition region: Picosecond lifetime measurements inSr97,Y97, andZr97. Physical Review C, 1990, 41, 1115-1125.	2.9	28
301	Strong octupole and dipole collectivity inZr96: Indication for octupole instability in theA=100 mass region. Physical Review C, 1990, 42, R811-R814.	2.9	21
302	Picosecond lifetime measurements in116,118,120Cd and the structure of normal and intruder states. Physical Review Letters, 1989, 63, 143-146.	7.8	37
303	A pulse shape discriminator with high precision of neutron and gamma ray selection at high counting rate. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 275, 322-328.	1.6	21
304	A method for picosecond lifetime measurements for neutron-rich nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 277, 407-417.	1.6	122
305	A method for picosecond lifetime measurements for neutron-rich nuclei. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 280, 49-72.	1.6	204
306	Limitation of the Compton suppression in Ge-BGO Compton suppression spectrometers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 280, 73-82.	1.6	25

#	Article	IF	Citations
307	Remarks on constant fraction discriminators applied for BaF2 crystals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 281, 657-659.	1.6	9
308	Properties of BaF2 scintillator working with p-terphenyl wavelength shifter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 265, 485-489.	1.6	15
309	Determination of the scintillation light yield for NaF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 264, 388-390.	1.6	3
310	Properties of optical greases for BaF2 scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1987, 254, 85-87.	1.6	23
311	Time pickoff methods for BGO crystals in Ge-BGO Compton suppression spectrometer systems. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 251, 115-118.	1.6	6
312	Further study of scintillation counters with BaF2 crystals for time-of-flight positron tomography in medicine. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1984, 226, 534-541.	1.6	42
313	Timing study with R 1294 U microchannel plate photomultipliers. Nuclear Instruments & Methods in Physics Research, 1983, 204, 471-478.	0.9	9
314	Recent progress in fast timing with CsF scintillators in application to time-of-flight positron tomography in medicine. Nuclear Instruments & Methods in Physics Research, 1983, 205, 239-249.	0.9	37
315	Timing properties of a R1294Z microchannel plate photomultiplier. Nuclear Instruments & Methods in Physics Research, 1983, 217, 453-458.	0.9	6
316	Barium fluoride â€" Inorganic scintillator for subnanosecond timing. Nuclear Instruments & Methods in Physics Research, 1983, 206, 169-176.	0.9	453
317	Multidetector system for the search and investigation of high spin, high energy isomers produced in heavy ion induced nuclear reactions. Nuclear Instruments & Methods in Physics Research, 1982, 204, 91-99.	0.9	3
318	Timing improved by the use of dynode signals studied with different scintillators and photomultipliers. Nuclear Instruments & Methods in Physics Research, 1982, 204, 129-140.	0.9	65
319	Application of the HR 400 microchannel plate photomultiplier to study the light pulse shape from fast and slow scintillators by means of the single photon method. Nuclear Instruments & Methods in Physics Research, 1982, 204, 141-147.	0.9	37
320	Timing properties of BGO scintillator. Nuclear Instruments & Methods in Physics Research, 1981, 188, 403-409.	0.9	85
321	High spin levels in151Ho. Zeitschrift FÃ¼r Physik A, 1981, 301, 67-74.	1.4	15
322	Properties of CsF, a fast inorganic scintillator in energy and time spectroscopy. Nuclear Instruments & Methods, 1981, 179, 271-276.	1.2	47
323	A multiplicity logic unit. Nuclear Instruments & Methods in Physics Research, 1981, 189, 433-437.	0.9	1
324	Unambiguous identification and properties of high spin isomers in nuclei close to N = 82. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 97, 50-54.	4.1	35

#	Article	IF	Citations
325	Status of timing with plastic scintillation detectors. Nuclear Instruments & Methods, 1979, 158, 1-31.	1.2	126
326	Study of primary energy transfer process in ultrafast plastic scintillators. Nuclear Instruments & Methods, 1978, 155, 221-231.	1.2	21
327	Electrical field distribution and the charge collection process in not-ideally compensated coaxial Ge(Li) detectors. Nuclear Instruments & Methods, 1978, 155, 507-516.	1.2	2
328	Light pulse shape study from crystal organic scintillators. Nuclear Instruments & Methods, 1978, 153, 439-443.	1.2	8
329	Light pulse shapes from plastic scintillators. Nuclear Instruments & Methods, 1977, 142, 417-434.	1.2	99
330	Influence of incident light wavelength on time jitter of fast photomultipliers. Nuclear Instruments & Methods, 1977, 141, 319-323.	1.2	28
331	Study of light collection process from cylindrical scintillators. Nuclear Instruments & Methods, 1976, 134, 77-85.	1.2	28
332	Timing properties of thin scintillator foils. Nuclear Instruments & Methods, 1975, 123, 341-352.	1.2	26
333	Timing properties of a ZnO(Ga) scintillator (NE843). Nuclear Instruments & Methods, 1975, 125, 443-446.	1.2	30
334	Pulse-height resolution of thin scintillator foils. Nuclear Instruments & Methods, 1975, 125, 231-236.	1.2	7
335	Determination of the electric-field distribution in coaxial Ge(Li) detectors with the help of the Câ^'V characteristics of the detector. Nuclear Instruments & Methods, 1975, 125, 237-243.	1.2	3
336	Further study of timing properties of scintillation counters. Nuclear Instruments & Methods, 1974, 117, 221-226.	1.2	12
337	Energy-transfer and light-collection characteristics for different types of plastic scintillators. Nuclear Instruments & Methods, 1974, 117, 227-232.	1.2	32
338	Timing system for high resolution time spectroscopy. Nuclear Instruments & Methods, 1972, 105, 51-56.	1.2	17
339	The shape distribution of pulses from a planar Ge(Li) detector studied by a differential pulse-shape selection method. Nuclear Instruments & Methods, 1972, 100, 285-291.	1.2	9
340	Subnanosecond timing with a planar Ge(Li) detector. Nuclear Instruments & Methods, 1972, 100, 293-300.	1.2	18
341	Plasma delay and plasma time jitter in subnanosecond timing with a surface barrier detector. Nuclear Instruments & Methods, 1971, 91, 73-77.	1.2	32
342	Odd parity states in 238Pu. Nuclear Physics A, 1970, 159, 249-256.	1.5	5

#	Article	IF	Citations
343	Odd parity states in 238Pu. Nuclear Physics A, 1970, 159, 249-256.	1.5	14
344	Properties of a plastic-NaI(Tl) sum counter arrangement for time and energy measurements. Nuclear Instruments & Methods, 1970, 85, 133-136.	1.2	7
345	Electric field distribution in Si(Li) detectors. Nuclear Instruments & Methods, 1970, 83, 329-330.	1.2	3
346	Application of a pulse shape selection method to a true coaxial Ge(Li) detector for measurements of nanoseconds half-lives. Nuclear Instruments & Methods, 1970, 80, 233-238.	1.2	24
347	Timing properties of scintillation counters. Nuclear Instruments & Methods, 1970, 81, 109-120.	1.2	108
348	Timing properties of NE 111 and Naton 136 scintillators. Nuclear Instruments & Methods, 1969, 75, 152-154.	1.2	6
349	Process of charge collection in silicon drifted detectors with unhomogeneous distribution of the electric field. Nuclear Instruments & Methods, 1969, 68, 261-267.	1.2	6
350	Properties of the 321 keV level in 125Te. Nuclear Physics A, 1968, 113, 561-563.	1.5	19
351	Properties of the low-energy excited states in 125I and 127I. Nuclear Physics A, 1968, 107, 476-480.	1.5	17
352	The shape of pulses generated by alpha-particles in silicon drifted detectors. Nuclear Instruments & Methods, 1968, 64, 244-250.	1.2	16
353	Time spreads of pulses generated by beta-particles in silicon drifted detectors. Nuclear Instruments & Methods, 1968, 61, 173-180.	1.2	8
354	Reduction of pile-up effects in time and energy measurements. Nuclear Instruments & Methods, 1967, 47, 61-70.	1.2	22
355	Quadrupole moment of the KÏ€ = 0+ excited state in odd 172Lu. Nuclear Physics A, 1967, 104, 459-465.	1.5	7
356	Multiple slow coincidence circuit with pulse shaping by saturated transistors. Nuclear Instruments & Methods, 1967, 56, 141-144.	1.2	2
357	Lifetime of the 55 keV level in Ir188. Nuclear Physics (journal), 1965, 67, 271-276.	1.9	7
358	An electronic device improving the resolution of the time-of-flight spectrometer with many-layer tray of counters. Nuclear Instruments & Methods, 1964, 29, 241-244.	1.2	1
359	Large size LSO:Ce scintillators and YSO:Ce for 50 MeV range gamma-ray detector. , 0, , .		3
360	Comparison of the scintillation properties of LSO:Ce manufactured by different laboratories and of LGSO:Ce. , 0, , .		3

#	Article	IF	Citations
361	Evaluation of LAAPD arrays for high-resolution scintillator matrices readout. , 0, , .		0
362	Performances of large area avalanche photodiodes at liquid nitrogen temperature. , 0, , .		1
363	Study of pure NaI at room and liquid nitrogen temperatures. , 0, , .		2
364	Non-proportionality and thermoluminescence of LSO:Ce. , 0, , .		3
365	/sup 6/ LiI(Eu) in neutron and Î³-ray spectrometry - a high sensitive thermal neutron detector. , 0, , .		1
366	Perspectives for high resolution and high light output LuAP:Ce crystals. , 0, , .		8
367	Evaluation of new photonis XP1472 nine-channel photomultiplier. , 0, , .		0
368	CdWO/sub 4/ crystal in gamma-ray spectrometry. , 0, , .		1
369	Comparative Study of Large NaI(Tl) and BGO Scintillators for the EURopean Illicit TRAfficking Countermeasures Kit Project. , 0, , .		7
370	New Prospects for Time-of-Flight PET with LSO Scintillators. , 0, , .		3
371	The 75 mm Diameter Photonis XP43D2 Photomultiplier with the Screening Grid at the Anode for Timing Experiments. , 0, , .		0
372	Comparative Study of Scintillators for PET/CT Detectors. , 0, , .		14
373	Comparison of Lu₃Al₅O₁₂:Ce and LaBr₃:Ce Scintillators in Gamma-Ray Spectrometry. Advanced Materials Research, 0, 418-420, 922-927.	0.3	0