

# Tomasz Szczesniak

## List of Publications by Year in descending order

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154  
papers

2,708  
citations

185998

28  
h-index

223531

46  
g-index

154  
all docs

154  
docs citations

154  
times ranked

1796  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Scintillation Properties of LuAG:Ce, YAG:Ce and LYSO:Ce Crystals for Gamma-Ray Detection. IEEE Transactions on Nuclear Science, 2009, 56, 3800-3805.   | 1.2 | 227       |
| 2  | Temperature dependences of LaBr <sub>3</sub> (Ce), LaCl <sub>3</sub> (Ce) and NaI(Tl) scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 568, 739-751.  | 0.7 | 127       |
| 3  | Non-Proportionality of Electron Response and Energy Resolution of Compton Electrons in Scintillators. IEEE Transactions on Nuclear Science, 2012, 59, 222-229.   | 1.2 | 123       |
| 4  | Performance of cerium-doped Gd <sub>3</sub> Al <sub>2</sub> Ga <sub>3</sub> O <sub>12</sub> (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. | 0.7 | 117       |
| 5  | New Prospects for Time-of-Flight PET With LSO Scintillators. IEEE Transactions on Nuclear Science, 2006, 53, 2484-2488.  | 1.2 | 66        |
| 6  | 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.  | 0.7 | 66        |
| 7  | Energy resolution of scintillation detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 805, 25-35.   | 0.7 | 64        |
| 8  | Characterization of CaWO <sub>4</sub> 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.  | 0.7 | 63        |
| 9  | Fast Photomultipliers for TOF PET. IEEE Transactions on Nuclear Science, 2009, 56, 173-181.  | 1.2 | 61        |
| 10 | 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.  | 0.7 | 58        |
| 11 | Energy Resolution of Compton Electrons in LaBr <sub>3</sub> :Ce Scintillator. IEEE Transactions on Nuclear Science, 2010, 57, 1697-1701.   | 1.2 | 55        |
| 12 | Scintillation Properties of Praseodymium Doped LuAG Scintillator Compared to Cerium Doped LuAG, LSO and LaBr <sub>3</sub> . IEEE Transactions on Nuclear Science, 2009, 56, 2499-2505.   | 1.2 | 54        |
| 13 | Energy Resolution of Scintillation Detectors—New Observations. IEEE Transactions on Nuclear Science, 2008, 55, 1062-1068.  | 1.2 | 53        |
| 14 | Measurement of Compton edge position in low-Z scintillators. Radiation Measurements, 2010, 45, 605-607.  | 0.7 | 53        |
| 15 | Light Yield Non-Proportionality and Energy Resolution of Praseodymium Doped LuAG Scintillator. IEEE Transactions on Nuclear Science, 2009, 56, 934-938.  | 1.2 | 49        |
| 16 | Comparison of absorption, luminescence and scintillation characteristics in Lu <sub>1.95</sub> Y <sub>0.05</sub> SiO <sub>5</sub> :Ce,Ca and Y <sub>2</sub> SiO <sub>5</sub> :Ce scintillators. Optical Materials, 2013, 35, 1679-1684.  | 1.7 | 48        |
| 17 | Characterization of Scintillators by Modern Photomultipliers—A New Source of Errors. IEEE Transactions on Nuclear Science, 2010, 57, 2886-2896.  | 1.2 | 46        |
| 18 | Comparative studies of Lu <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> :Ce and Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> :Ce scintillators for gamma-ray detection. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 2599-2605.                                     | 0.8 | 43        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Boron-10 Loaded BC523A Liquid Scintillator for Neutron Detection in the Border Monitoring. IEEE Transactions on Nuclear Science, 2008, 55, 3710-3716.   | 1.2 | 37        |
| 20 | Non-Proportionality of Organic Scintillators and BGO. IEEE Transactions on Nuclear Science, 2008, 55, 1069-1072.  | 1.2 | 37        |
| 21 | Multi Pixel Photon Counters (MPPC) as an Alternative to APD in PET Applications. IEEE Transactions on Nuclear Science, 2010, 57, 1008-1014.   | 1.2 | 35        |
| 22 | Neutron/gamma discrimination properties of composite scintillation detectors. Journal of Instrumentation, 2011, 6, P07007-P07007.   | 0.5 | 35        |
| 23 | Energy resolution of small scintillation detectors with SiPM light readout. Journal of Instrumentation, 2013, 8, P02017-P02017.   | 0.5 | 34        |
| 24 | Fast neutron and gamma ray pulse shape discrimination in EJ-276 and EJ-276G plastic scintillators. Journal of Instrumentation, 2020, 15, P03030-P03030.   | 0.5 | 34        |
| 25 | A Further Study of Timing With LSO on XP20D0 for TOF PET. IEEE Transactions on Nuclear Science, 2007, 54, 1464-1473.  | 1.2 | 31        |
| 26 | MPPC Array in the Readout of CsI:Tl, LSO:Ce:Ca, LaBr <sub>3</sub> :Ce, and BGO Scintillators. IEEE Transactions on Nuclear Science, 2012, 59, 3294-3303.  | 1.2 | 31        |
| 27 | Further Study of Boron-10 Loaded Liquid Scintillators for Detection of Fast and Thermal Neutrons. IEEE Transactions on Nuclear Science, 2010, 57, 375-380.  | 1.2 | 29        |
| 28 | Study of LaBr <sub>3</sub> Crystals Coupled to Photomultipliers and Avalanche Photodiodes. IEEE Transactions on Nuclear Science, 2008, 55, 1774-1780.   | 1.2 | 28        |
| 29 | A Comparative Study of Undoped NaI Scintillators With Different Purity. IEEE Transactions on Nuclear Science, 2009, 56, 1655-1660.  | 1.2 | 28        |
| 30 | Light Pulse Shapes in Liquid Scintillators Originating From Gamma-Rays and Neutrons. IEEE Transactions on Nuclear Science, 2010, 57, 3846-3852.   | 1.2 | 27        |
| 31 | Comparison of SensL and Hamamatsu 4 $\times$ 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.                   | 0.7 | 27        |
| 32 | Measuring the scintillation decay time for different energy depositions in NaI:Tl, LSO:Ce and CeBr <sub>3</sub> scintillators. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 749, 68-73. | 0.7 | 26        |
| 33 | Electron response of some low-Z scintillators in wide energy range. Journal of Instrumentation, 2012, 7, P06011-P06011.   | 0.5 | 25        |
| 34 | A Comparative Study of Silicon Drift Detectors With Photomultipliers, Avalanche Photodiodes and PIN Photodiodes in Gamma Spectrometry With LaBr <sub>3</sub> Crystals. IEEE Transactions on Nuclear Science, 2009, 56, 1006-1011.   | 1.2 | 24        |
| 35 | Timing Resolution and Decay Time of LSO Crystals Co-Doped With Calcium. IEEE Transactions on Nuclear Science, 2010, 57, 1329-1334.  | 1.2 | 23        |
| 36 | Properties of CdWO <sub>4</sub> and ZnWO <sub>4</sub> scintillators at liquid nitrogen temperature. Journal of Instrumentation, 2012, 7, P03011-P03011.   | 0.5 | 23        |

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|----|--|-----|-----------|
| 37 | 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.  | 1.2 | 22        |
| 38 | Energy resolution of CsI(Na) scintillators. Radiation Measurements, 2010, 45, 377-379.   | 0.7 | 22        |
| 39 | Comparative study of large samples (2" $\hat{A}$ – 2") plastic scintillators and EJ309 liquid with pulse shape discrimination (PSD) capabilities. Journal of Instrumentation, 2014, 9, P06014-P06014.  | 0.5 | 22        |
| 40 | Energy Resolution of Calcium Co-Doped LSO:Ce Scintillators. IEEE Transactions on Nuclear Science, 2009, 56, 2972-2978.   | 1.2 | 21        |
| 41 | Luminescence and scintillation characteristics of (Gd $\times$ Y $\times$ -x)Al $\times$ Ga $\times$ O $\times$ 12:Ce (x $\hat{A}$ = $\hat{A}$ 1,2,3) single crystals. Optical Materials, 2018, 76, 162-168.   | 1.7 | 21        |
| 42 | 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.                              | 0.7 | 21        |
| 43 | 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.                                  | 0.7 | 20        |
| 44 | MPPC Arrays in PET Detectors With LSO and BGO Scintillators. IEEE Transactions on Nuclear Science, 2013, 60, 1533-1540.  | 1.2 | 20        |
| 45 | Scintillation properties of Gd $\times$ Al $\times$ Ga $\times$ O $\times$ 12:Ce, Li and Gd $\times$ Al $\times$ Ga $\times$ O $\times$ 12:Ce, Mg single crystal scintillators: A comparative study. Optical Materials, 2019, 92, 181-186.           | 1.7 | 20        |
| 46 | A technique for measuring the energy resolution of low-Z scintillators. , 2009, , .  |     | 18        |
| 47 | Energy resolution of scintillation detectors with SiPM light readout. , 2010, , .  |     | 18        |
| 48 | High performance detectors for upgraded gamma ray diagnostics for JET DT campaigns. Physica Scripta, 2016, 91, 064003.   | 1.2 | 18        |
| 49 | Investigation of Absolute Light Output Measurement Techniques. IEEE Transactions on Nuclear Science, 2007, 54, 1367-1371.  | 1.2 | 17        |
| 50 | Performance of FBK high-density SiPMs in scintillation spectrometry. Journal of Instrumentation, 2014, 9, P08004-P08004.   | 0.5 | 17        |
| 51 | 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, 2018, 81, 23-29. | 0.7 | 17        |
| 52 | Scintillation properties of Gd $\times$ (Al $\times$ -xGa $\times$ )O $\times$ 12:Ce (x = 2.3, 2.6, 3.0) single crystals. Optical Materials, 2018, 81, 23-29.  | 0.7 | 17        |
| 53 | Scintillation properties of Gd $\times$ (Al $\times$ -xGa $\times$ )O $\times$ 12:Ce (x = 2.3, 2.6, 3.0) single crystals. Optical Materials, 2018, 81, 23-29.  | 1.7 | 17        |
| 54 | 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.             | 0.7 | 16        |

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|----|--|-----|-----------|
| 55 | 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.  | 0.7 | 16        |
| 56 | Study of NaI(Tl) scintillator cooled down to liquid nitrogen temperature. Journal of Instrumentation, 2012, 7, P11006-P11006.  | 0.5 | 15        |
| 57 | Characterization of CsI:Tl at a wide temperature range ( $\hat{\sim}40\hat{\sim}^{\circ}\text{C}$ to $+22\hat{\sim}^{\circ}\text{C}$ ). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 707, 73-79. | 0.7 | 15        |
| 58 | Characterization of 4 $\hat{\sim}$ — 4ch MPPC array in scintillation spectrometry. Journal of Instrumentation, 2013, 8, P09020-P09020.   | 0.5 | 15        |
| 59 | Energy Resolution and Slow Components in Undoped CsI Crystals. IEEE Transactions on Nuclear Science, 2016, 63, 459-466.  | 1.2 | 15        |
| 60 | The Road to the Common PET/CT Detector. IEEE Transactions on Nuclear Science, 2007, 54, 1459-1463.   | 1.2 | 14        |
| 61 | CaF <sub>2</sub> (Eu): an "old" scintillator revisited. Journal of Instrumentation, 2013, 8, P06010-P06010.  | 0.5 | 14        |
| 62 | 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.                        | 0.7 | 14        |
| 63 | Study of LaBr <sub>3</sub> crystals coupled to photomultipliers and avalanche photodiodes. , 2007, , .   |     | 13        |
| 64 | Silicon photomultiplier as an alternative for APD in PET/MRI applications. , 2008, , .   |     | 13        |
| 65 | Effective dead time of APD cells of SiPM. , 2011, , .  |     | 12        |
| 66 | 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.                                     | 0.7 | 12        |
| 67 | 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.  | 0.7 | 12        |
| 68 | Light yield non-proportionality of undoped YAP scintillator. Journal of Instrumentation, 2009, 4, P05006-P05006.   | 0.5 | 11        |
| 69 | A Comparative Study of Fast Photomultipliers for Timing Experiments and TOF PET. IEEE Transactions on Nuclear Science, 2009, 56, 1017-1023.  | 1.2 | 11        |
| 70 | Time resolution of scintillation detectors based on SiPM in comparison to photomultipliers. , 2010, , .  |     | 11        |
| 71 | Demonstration of a Dual-Range Photon Detector With SDD and $\text{LaBr}_3(\text{Tl})$ . IEEE Transactions on Nuclear Science, 2010, 57, 1017-1023.   | 1.2 | 10        |
| 72 | Influence of lutetium content on the scintillation properties in $(\text{Lu}_{x}\text{Y}_{1-x})\text{AlO}_3:\text{Ce}$ single crystals. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1903-1908.  | 0.8 | 10        |

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|----|---|-----|-----------|
| 73 | 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. | 0.7 | 10        |
| 74 | Fast photomultipliers for TOF PET. , 2007, , .  |     | 9         |
| 75 | Luminescence and Scintillation Properties of Mg <sup>2+</sup> -Codoped Lu <sub>0.6</sub> Gd <sub>2.4</sub> Al <sub>2</sub> Ga <sub>3</sub> O <sub>12</sub> :Ce Single Crystal. IEEE Transactions on Nuclear Science, 2020, 67, 904-909.             | 1.2 | 9         |
| 76 | Application of Hamamatsu S8550 APD Array to the Common PET/CT Detector. IEEE Transactions on Nuclear Science, 2008, 55, 2460-2464.  | 1.2 | 8         |
| 77 | SiPM proton irradiation for application in cosmic space. Journal of Instrumentation, 2020, 15, P03002-P03002.   | 0.5 | 8         |
| 78 | Comparative Study of Large NaI(Tl) and BGO Scintillators for the EUROpean Illicit TRAfficking Countermeasures Kit Project. , 0, , .   |     | 7         |
| 79 | Characterization of 2 Å— 2 ch MPPC array over a wide temperature range (âˆ”20Â°C to +21Â°C). Journal of Instrumentation, 2013, 8, P07007-P07007.  | 0.5 | 7         |

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| 91  | Scintillation characteristics of YAlO <sub>3</sub> :Pr perovskite single crystals. <i>Optical Materials</i> , 2020, 108, 110161.   | 1.7 | 5         |
| 92  | Neutron hardness of EJ-276 scintillation material. <i>Journal of Instrumentation</i> , 2020, 15, P10012-P10012.  | 0.5 | 5         |
| 93  | The light response of CsI:Tl crystal after interaction with gamma radiation study using analysis of single scintillation pulses and digital oscilloscope readout. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2022, 1031, 166600. | 0.7 | 5         |
| 94  | Application of LaBr <sub>3</sub> (Ce) scintillators in radio-isotope identification devices. , 2007, , .   |     | 4         |
| 95  | Study of n- <sup>13</sup> discrimination by zero-crossing method with SiPM based scintillation detectors. , 2014, , .  |     | 4         |
| 96  | Temperature properties of scintillators for PET detectors: A comparative study. , 2014, , .  |     | 4         |
| 97  | MCORD - MPD Cosmic Ray Detector a new features. <i>EPJ Web of Conferences</i> , 2019, 204, 07016.  | 0.1 | 4         |
| 98  | New Prospects for Time-of-Flight PET with LSO Scintillators. , 0, , .  |     | 3         |
| 99  | Energy Resolution of Calcium Co-doped LSO:Ce Scintillators. , 2008, , .  |     | 3         |
| 100 | Further study of Boron-10 loaded liquid scintillators for detection of fast and thermal neutrons. , 2008, , .  |     | 3         |
| 101 | Performance of CsI(Na) scintillators in <sup>13</sup> I-Ray spectrometry. , 2009, , .  |     | 3         |
| 102 | Comparison of neutron detection efficiency using a He-3 counter and a Boron-10 loaded liquid scintillator EJ309B5. , 2009, , .   |     | 3         |
| 103 | Characterization of scintillators by modern photomultipliers &#x2014; A new source of errors. , 2009, , .  |     | 3         |
| 104 | Non-proportionality of electron response and energy resolution of Compton electrons in scintillators. , 2010, , .  |     | 3         |
| 105 | 2&#x00D7;2 MPPC arrays in gamma spectrometry with CsI(Tl), LSO:Ce(Ca), LaBr <sub>3</sub> , BGO. , 2011, , .  |     | 3         |
| 106 | Coincidence resolution time of two small scintillators coupled to high quantum-efficiency photomultipliers in a PET-like system. <i>EPJ Web of Conferences</i> , 2014, 66, 10010.  | 0.1 | 3         |
| 107 | Scintillation timing characteristics of (La,Gd) <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> :Ce and Gd <sub>2</sub> SiO <sub>5</sub> :Ce single crystal scintillators: A comparative study. <i>Radiation Measurements</i> , 2016, 92, 49-53.   | 0.7 | 3         |
| 108 | Luminescence and scintillation timing characteristics of (Lu x Gd 2â <sup>~</sup> x )SiO 5 :Ce single crystals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 844, 116-120.   | 0.7 | 3         |

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|-----|---|-----|-----------|
| 109 | 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.  | 0.7 | 3         |
| 110 | The Road to the Common PET/CT Detector. , 2006, , .   |     | 2         |
| 111 | Boron-10 loaded BC523A liquid scintillator for neutron detection in the border monitoring. , 2007, , .  |     | 2         |
| 112 | MPPC arrays in PET detectors with LSO and BGO scintillators. , 2011, , .  |     | 2         |
| 113 | Properties of NaI(Tl) scintillator at liquid nitrogen temperature. , 2011, , .  |     | 2         |
| 114 | Characterization of 4&#x00D7;4ch MPPC array in scintillation spectrometry. , 2012, , .  |     | 2         |
| 115 | Investigation of the Properties of $\text{3}^{\prime} \times \text{3}^{\prime}$ Different Scintillation Detectors for Neutron Activation Analysis Techniques. IEEE Transactions on Nuclear Science, 2012, 59, 230-235.  | 1.2 | 2         |
| 116 | Comparative studies of Lu <sub>1.95</sub> Y <sub>0.05</sub> SiO <sub>5</sub> :Ce and Lu <sub>0.7</sub> Y <sub>0.3</sub> AlO <sub>3</sub> :Ce single crystal scintillators for gamma-ray detection. Nuclear Instruments & Methods in Physics Research B, 2014, 326, 103-105. | 0.6 | 2         |
| 117 | Digital neutron-gamma discrimination methods: Charge comparison versus zero-crossing. , 2014, , .   |     | 2         |
| 118 | Dynamic derivative convolution algorithm for prompt gamma neutron activation spectra. , 2016, , .   |     | 2         |
| 119 | Performance of 2 inch and 3 inch Scintillation Detectors with SiPM Light Readout. , 2017, , .   |     | 2         |
| 120 | MCORD: MPD cosmic ray detector for NICA. , 2018, , .  |     | 2         |
| 121 | Scintillation Properties of Praseodymium Doped LuAG Scintillator Compared to Cerium Doped LuAG, LSO and LaBr <sub>3</sub> . , 2008, , .   |     | 1         |
| 122 | New Organic Scintillators for Neutron Detection. , 2010, , .  |     | 1         |
| 123 | A Time Resolution Study of a Continuous Crystal Detector for TOF PET. IEEE Transactions on Nuclear Science, 2010, 57, 40-47.  | 1.2 | 1         |
| 124 | Lu <sub>1.8</sub> Y <sub>0.2</sub> SiO <sub>5</sub> :Ce and LaCl <sub>3</sub> :Ce Scintillators for Gamma-Ray Detection. Advanced Materials Research, 2011, 284-286, 2064-2069.   | 0.3 | 1         |
| 125 | Characterization of TSV MPPC arrays (4Å—4 ch and 8Å—8 ch) in scintillation spectrometry. , 2014, , .  |     | 1         |
| 126 | Photomultipliers with the screening grid at the anode for TOF PET block detectors. , 2015, , .  |     | 1         |



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|-----|--|-----|-----------|
| 127 | Photomultipliers With the Screening Grid at the Anode for TOF PET Block Detectors. IEEE Transactions on Nuclear Science, 2016, 63, 2772-2776.  | 1.2 | 1         |
| 128 | CsI:Tl scintillation pulse shapes measured with a SiPM photodetector in a liquid nitrogen cryostat. , 2016, , .  |     | 1         |
| 129 | Evolution of MPPC properties as a function of neutron fluence. , 2017, , .   |     | 1         |
| 130 | Comparative Study of GdLu <sub>2</sub> Al <sub>2</sub> Ga <sub>3</sub> O <sub>12</sub> :Ce and GdY <sub>2</sub> Al <sub>2</sub> Ga <sub>3</sub> O <sub>12</sub> :Ce Scintillation Crystals for $\gamma$ -Ray Detection. IEEE Transactions on Nuclear Science, 2018, 65, 2081-2084.       | 1.2 | 1         |
| 131 | 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.   | 0.7 | 1         |
| 132 | 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. | 0.7 | 1         |
| 133 | Conceptual design report of the MPD Cosmic Ray Detector (MCORD). Journal of Instrumentation, 2021, 16, P11035.   | 0.5 | 1         |
| 134 | A Further Study of Timing with LSO on XP20D0 for TOF PET. , 2006, , .  |     | 0         |
| 135 | Application of Hamamatsu S8550 APD array to the common PET/CT detector. , 2007, , .  |     | 0         |
| 136 | A Comparative Study of Undoped NaI Scintillators with Different Purity. , 2008, , .  |     | 0         |
| 137 | A Continuous Crystal Detector for TOF PET. , 2008, , .   |     | 0         |
| 138 | Light pulse shapes in liquid scintillators originating from gamma-rays and neutrons. , 2009, , .   |     | 0         |
| 139 | Properties of CdWO <sub>4</sub> and ZnWO <sub>4</sub> at liquid nitrogen temperature. , 2009, , .  |     | 0         |
| 140 | Energy resolution of Compton electrons in scintillators. , 2009, , .   |     | 0         |
| 141 | Radiation results of the SEE test of Xilinx XC3S400 FPGA instances. , 2009, , .  |     | 0         |
| 142 | Time Resolution of Fast Photomultipliers for Time of Flight PET. , 2010, , .   |     | 0         |
| 143 | Linearity and energy resolution of compton electrons in CZT measured using the wide angle compton coincidence technique. , 2010, , .   |     | 0         |
| 144 | CaF <sub>2</sub> (Eu): An $\alpha$ -scintillator revisited. , 2010, , .  |     | 0         |

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|-----|--|----|-----------|
| 145 | The comparison of large scintillators for high energy gamma-rays detection. , 2010, , .                                      |    | 0         |
| 146 | Gamma-ray and electron response in doped alkali halide scintillators. , 2011, , .  |    | 0         |
| 147 | Time jitter of silicon photomultipliers. , 2012, , .   |    | 0         |
| 148 | Characterization of 2&#x00D7;2ch MPPC array at a wide temperature range (&#x2212;20 Tj ETQq0 0 0 rgBT /Overlock 10 Tf        |    |           |
| 149 | Energy dependence of scintillation decay time measured with gamma-rays and compton electrons. , 2012, , .                    |    | 0         |
| 150 | Performance of FBK high-density SiPMs in scintillation spectrometry. , 2013, , .   |    | 0         |
| 151 | microPMT - a new photodetector for gamma spectrometry and fast timing?. , 2013, , .  |    | 0         |
| 152 | Silicon photomultipliers in scintillation detectors used for gamma-ray energies up to 6.1 MeV. , 2015, , .                   |    | 0         |
| 153 | Timing resolution of monolithic scintillators coupled to laige SiPM arrays. , 2016, , .                                      |    | 0         |
| 154 | Temperature Dependence of CsI:Tl Scintillation Pulse Shapes from -183Â°C to +90Â°C Measured with a SiPM Readout. , 2017, , . |    | 0         |