

Yoshiyuki Shirakawa

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

280
citations

933447

10
h-index

888059

17
g-index

27
all docs

27
docs citations

27
times ranked

101
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Fluorescence pulses derived from thin poly (ethylene terephthalate) in response to charged particles. <i>Physica Scripta</i> , 2021, 96, 125307. | 2.5 | 1 |
| 2 | Alpha Particle Response for a Prototype Radiation Survey Meter Based on Poly(ethylene terephthalate) with Un-doping Fluorescent Guest Molecules. <i>Japanese Journal of Health Physics</i> , 2016, 51, 60-63. | 0.1 | 1 |
| 3 | A potential base substrate for deformable scintillation materials. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 818, 91-94. | 1.6 | 1 |
| 4 | Exclusive attributes of undoped poly (ethylene terephthalate) for alpha particle detection. <i>Radiation Measurements</i> , 2016, 92, 54-58. | 1.4 | 2 |
| 5 | Polysulfone as a scintillation material without doped fluorescent molecules. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 797, 206-209. | 1.6 | 2 |
| 6 | A model survey meter using undoped poly (ether sulfone). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 780, 127-130. | 1.6 | 4 |
| 7 | Undoped poly (phenyl sulfone) for radiation detection. <i>Radiation Measurements</i> , 2015, 73, 14-17. | 1.4 | 6 |
| 8 | Optical characteristics of pure poly (vinyltoluene) for scintillation applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 770, 131-134. | 1.6 | 8 |
| 9 | Position Dependence for Count Rates in a Polyethylene Naphthalate Survey Meter. <i>Japanese Journal of Health Physics</i> , 2015, 50, 90-93. | 0.1 | 0 |
| 10 | Poly (ether sulfone) as a scintillation material for radiation detection. <i>Applied Radiation and Isotopes</i> , 2014, 86, 36-40. | 1.5 | 15 |
| 11 | Characterizing radiation spectra with stacked plastic sheets. <i>Physics Education</i> , 2014, 49, 135-136. | 0.5 | 8 |
| 12 | Detection of alpha particles with undoped poly (ethylene naphthalate). <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 739, 6-9. | 1.6 | 15 |
| 13 | Blended poly (ether sulfone) and poly (ethylene naphthalate) as a scintillation material. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2014, 759, 1-5. | 1.6 | 10 |
| 14 | Optimised mounting conditions for poly (ether sulfone) in radiation detection. <i>Applied Radiation and Isotopes</i> , 2014, 91, 131-134. | 1.5 | 5 |
| 15 | Undoped Polycarbonate for Detection of Environmental Radiation. <i>Japanese Journal of Health Physics</i> , 2014, 49, 98-101. | 0.1 | 9 |
| 16 | Mechanism of wavelength conversion in polystyrene doped with benzoxanthene: emergence of a complex. <i>Scientific Reports</i> , 2013, 3, 2502. | 3.3 | 28 |
| 17 | Blended polyethylene terephthalate and polyethylene naphthalate polymers for scintillation base substrates. <i>Radiation Measurements</i> , 2013, 59, 172-175. | 1.4 | 37 |
| 18 | Optimized mounting of a polyethylene naphthalate scintillation material in a radiation detector. <i>Applied Radiation and Isotopes</i> , 2013, 80, 84-87. | 1.5 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Light propagation characteristics of high-purity polystyrene. Applied Physics Letters, 2013, 103, . | 3.3 | 22 |
| 20 | Senses alone cannot detect different properties. Physics Education, 2013, 48, 556-558. | 0.5 | 10 |
| 21 | Radiation Counting Characteristics on Surface-Modified Polyethylene Naphthalate Scintillators. Radioisotopes, 2013, 62, 879-884. | 0.2 | 16 |
| 22 | Development of polystyrene-based scintillation materials and its mechanisms. Applied Physics Letters, 2012, 101, 261110. | 3.3 | 27 |
| 23 | Cheap educational materials for understanding radiation. Physics Education, 2012, 47, 17-18. | 0.5 | 13 |
| 24 | Remote sensing of nuclear accidents using a direction finding detector. , 2009, , . | | 6 |
| 25 | Energy Responses of a Direction Finding Gamma Ray Detector Applied to a Monitoring Post. Radioisotopes, 2006, 55, 13-20. | 0.2 | 3 |
| 26 | Quick Response of a Survey Meter in Static Condition. Radioisotopes, 2005, 54, 199-204. | 0.2 | 13 |
| 27 | Multi-Parameter Measurements in a Blast Furnace Using Interactions of Neutrons and γ -rays. Transactions of the Society of Instrument and Control Engineers, 1998, 34, 311-317. | 0.2 | 1 |