

# Shoulong Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5561306/publications.pdf>

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11  
papers

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2258059

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| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A novel approach for radionuclide diffusion in the enclosed environment of a marine nuclear reactor during a severe accident. Nuclear Science and Techniques/Hewuli, 2022, 33, . | 3.4 | 5         |
| 2  | Study on the Availability of 4T-APS as a Video Monitor and Radiation Detector in Nuclear Accidents. Sustainability, 2018, 10, 2172.  | 3.2 | 4         |
| 3  | Low Dose Rate $\hat{I}^3$ -ray Detection using a MAPS Camera under a Neutron Radiation Environment. Optics Express, 2021, 29, 34913-34925.                                       | 3.4 | 4         |
| 4  | Obtaining High-Dose-Rate $\gamma$ -Ray Detection With Commercial Off-the-Shelf CMOS Pixel Sensor Module. IEEE Sensors Journal, 2019, 19, 6729-6735.                              | 4.7 | 3         |
| 5  | Effect of Commercial Off-The-Shelf MAPS on $\hat{I}^3$ -Ray Ionizing Radiation Response to Different Integration Times and Gains. Sensors, 2019, 19, 4950.                       | 3.8 | 3         |
| 6  | Ultrawide-range radiation detection based on dynamic identification and analysis of the response of a monolithic active pixel sensor. Optics Express, 2022, 30, 14134-14145.     | 3.4 | 3         |
| 7  | Video Monitoring Application of CMOS 4T-PPD-APS Under $\hat{I}^3$ -ray Radiation. Sensors, 2019, 19, 359.  | 3.8 | 1         |
| 8  | Radionuclide Transfer in the Zirconium Oxychloride Production Process and the Radiation Effect in a Typical Chinese Enterprise. Sustainability, 2019, 11, 5906.                  | 3.2 | 1         |
| 9  | Research on Calculation Method of Radiation Response Eigenvalue of a Single-Chip Active Pixel Sensor. Sensors, 2022, 22, 4815.   | 3.8 | 1         |
| 10 | Strong Radiation Field Online Detection and Monitoring System with Camera. Sensors, 2022, 22, 2279.  | 3.8 | 0         |
| 11 | Real-Time Monitoring Method for Radioactive Substances Using Monolithic Active Pixel Sensors (MAPS). Sensors, 2022, 22, 3919.  | 3.8 | 0         |