

# Shulin Liu

## List of Publications by Year in descending order

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16  
papers

132  
citations

1478505

6  
h-index

1281871

11  
g-index

17  
all docs

17  
docs citations

17  
times ranked

76  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Calibration strategy of the JUNO experiment. Journal of High Energy Physics, 2021, 2021, 1.   | 4.7 | 39        |
| 2  | Exhaled breath analysis using online preconcentration mass spectrometry for gastric cancer diagnosis. Journal of Mass Spectrometry, 2021, 56, e4588.  | 1.6 | 15        |
| 3  | The design and sensitivity of JUNO's scintillator radiopurity pre-detector OSIRIS. European Physical Journal C, 2021, 81, 1.  | 3.9 | 15        |
| 4  | Nano-oxide thin films deposited via atomic layer deposition on microchannel plates. Nanoscale Research Letters, 2015, 10, 162.  | 5.7 | 14        |
| 5  | Radioactivity control strategy for the JUNO detector. Journal of High Energy Physics, 2021, 2021, 1.  | 4.7 | 13        |
| 6  | JUNO sensitivity to low energy atmospheric neutrino spectra. European Physical Journal C, 2021, 81, 1.  | 3.9 | 11        |
| 7  | MCP performance improvement using alumina thin film. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2017, 868, 43-47. | 1.6 | 6         |
| 8  | New neutralization method for measuring the secondary electron yield of insulative material. Radiation Detection Technology and Methods, 2020, 4, 319-326.  | 0.8 | 4         |
| 9  | Spherical Measuring Device of Secondary Electron Emission Coefficient Based on Pulsed Electron Beam. Springer Proceedings in Physics, 2018, , 113-116.  | 0.2 | 4         |
| 10 | The Design of the Emission Layer for Electron Multipliers. Nanoscale Research Letters, 2021, 16, 151.   | 5.7 | 4         |
| 11 | Cosmic ray test for a compact Cherenkov TO detector. Radiation Detection Technology and Methods, 2020, 4, 92-96.  | 0.8 | 2         |
| 12 | The Design of the AZO Conductive Layer on Microchannel Plate. Nanoscale Research Letters, 2021, 16, 55.   | 5.7 | 2         |
| 13 | Mass Production of MCP-PMT for JUNO and Development of 20-inch MCP-PMT with TTS Improved. , 2019, , .   |     | 1         |
| 14 | Measurement of True Secondary Electron Emission Yields of Kapton. , 2021, , .   |     | 1         |
| 15 | THE DESIGN OF LARGE AREA MCP-PMT FOR NEUTRINO DETECTOR. , 2021, , .   |     | 0         |
| 16 | THE AGING BEHAVES AND THE SMALL BATCH TEST OF THE 20m³ MCP-PMTs. , 2019, , .  |     | 0         |