

Andre Sieverding

List of Publications by Year in descending order

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18
papers

246
citations

1307594

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940533

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313
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Comparison between Core-collapse Supernova Nucleosynthesis and Meteoric Stardust Grains: Investigating Magnesium, Aluminium, and Chromium. <i>Astrophysical Journal</i> , 2022, 927, 220. | 4.5 | 3 |
| 2 | Role of low-lying resonances for the Be^{10} reaction rate and implications for the formation of the Solar System. <i>Physical Review C</i> , 2022, 106, . | 2.9 | 5 |
| 3 | Impact of Dark Photon Emission on Massive Star Evolution and Pre-supernova Neutrino Signal. <i>Astrophysical Journal</i> , 2021, 912, 13. | 4.5 | 2 |
| 4 | New Fe59 Stellar Decay Rate with Implications for the Fe60 Radioactivity in Massive Stars. <i>Physical Review Letters</i> , 2021, 126, 152701. | 7.8 | 4 |
| 5 | The radioactive nuclei and in the Cosmos and in the solar system. <i>Publications of the Astronomical Society of Australia</i> , 2021, 38, . | 3.4 | 25 |
| 6 | Exploring the astrophysical conditions for the creation of the first r-process peak. <i>Journal of Physics: Conference Series</i> , 2020, 1667, 012030. | 0.4 | 0 |
| 7 | Mass measurements of neutron-rich gallium isotopes refine production of nuclei of the first r-process abundance peak in neutron-star merger calculations. <i>Physical Review C</i> , 2020, 101, . | 2.9 | 15 |
| 8 | Potential Impact of Fast Flavor Oscillations on Neutrino-driven Winds and Their Nucleosynthesis. <i>Astrophysical Journal</i> , 2020, 900, 144. | 4.5 | 49 |
| 9 | Nucleosynthesis of an 11.8 M M_{Sun} Supernova with 3D Simulation of the Inner Ejecta: Overall Yields and Implications for Short-lived Radionuclides in the Early Solar System. <i>Astrophysical Journal</i> , 2020, 904, 163. | 4.5 | 20 |
| 10 | Neutrino-nucleus reactions and their role in supernova nucleosynthesis. <i>Journal of Physics: Conference Series</i> , 2020, 1643, 012024. | 0.4 | 1 |
| 11 | Rate of dark photon emission from electron positron annihilation in massive stars. <i>Physical Review D</i> , 2019, 100, . | 4.7 | 4 |
| 12 | The r -process with Fully Time-dependent Supernova Neutrino Emission Spectra. <i>Astrophysical Journal</i> , 2019, 876, 151. | 4.5 | 31 |
| 13 | Mass measurements of neutron-deficient Y, Zr, and Nb isotopes and their impact on rp and r -process nucleosynthesis processes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 781, 358-363. | 4.1 | 28 |
| 14 | The r -Process in the Light of an Improved Understanding of Supernova Neutrino Spectra. <i>Astrophysical Journal</i> , 2018, 865, 143. | 4.5 | 49 |
| 15 | Neutrino nucleosynthesis in core-collapse Supernova explosions. <i>Journal of Physics: Conference Series</i> , 2018, 940, 012054. | 0.4 | 2 |
| 16 | The r -process in the innermost supernova ejecta. <i>EPJ Web of Conferences</i> , 2017, 165, 01045. | 0.3 | 3 |
| 17 | Neutrino Induced Nucleosynthesis of Radioactive Nuclei in Core-Collapse Supernovae. , 2017, , . | | 0 |
| 18 | Neutrino nucleosynthesis in core-collapse Supernova explosions. <i>EPJ Web of Conferences</i> , 2016, 109, 06004. | 0.3 | 5 |