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Curriculum Vitae available Online

Bio

HONORS AND AWARDS

- JSPS Overseas Research Fellowships, Japan Society for the Promotion of Science (April, 2026)
- Springer Thesis Award, Springer Nature (2026) (March, 2026)
- Dean's award of the Graduate School of Science, Nagoya University, Japan (March, 2023)

Publications

PUBLICATIONS

- **Modeling Atmospheric Alteration on Titan: Hydrodynamics and Shock-induced Chemistry of Meteoroid Entry** *ASTROPHYSICAL JOURNAL*
  Miyayama, R., Schaefer, L., Kobayashi, H., Zorzi, A.
  2025; 989 (2)
- **Formation of planetary atmospheres Analytical estimation of vapor production via planetary impacts** *ASTRONOMY & ASTROPHYSICS*
  Miyayama, R., Kobayashi, H.
  2024; 688