**Sota Takagi**

12/2022

Postdoctral Fellow,

Carnegie Institution for Science

**Research Interests**

Mineralogy, Material science, Synchrotron, Shock physics

**Professional History**

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| 12/2022-present | Postdoctral Fellow, Carnegie Institution for Science, Earth and Planets Laboratory, USA |
| 4/2021-12/2022 | Research Fellow, Japan Society for the Promotion of Science, Japan |
| 4/2020-3/2021 | Researcher, Institute of Materials Structure Science, High Energy Accelerator Research Organization (KEK), Japan |

**Education**

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| 2020 | Ph.D., Science, University of Tsukuba, Japan |
| 2017 | M.S., Science, University of Tsukuba, Japan |
| 2015 | B.S., University of Tsukuba, Japan |

**Publications**

A. Kyono, R. Ikeda, S. Takagi, W. Nishiyasu, Structural evolution of gypsum (CaSO4·2H2O) during thermal dehydration, *Journal of Mineralogical and Petrological Sciences* (2022).

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Kouhei Ichiyanagi, Sota Takagi, Nobuaki Kawai, Ryo Fukaya, Shunsuke Nozawa, Kazutaka G. Nakamura, Klaus-Dieter Liss, Masao Kimura, Shin-ichi Adachi, Microstructural deformation process of shock-compressed polycrystalline aluminum, *Scientific Reports*, 9(1), 2019.

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