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中性子放射化分析法による隕石の元素組成に関する研究
Elemental Contents of Meteorites by means of Neutron Activation Analysis

学術論文（査読あり）

- [1] N. Shirai, T. Hozumi, Y. Toh and M. Ebihara, “Comparison of PGAA and wet chemical analysis for determining major element contents in eucritic meteorites,” J. Radioanal. Nucl. Chem. **325**, 949-957 (2020).
<https://doi.org/10.1007/s10967-020-07273-8>
- [2] Hiroshi Nagaoka, Timothy J. Fagan, Masahiro Kayama, Yuzuru Karouji, Nobuyuki Hasebe and Mitsuru Ebihara, Formation of ferroan dacite by lunar silicic volcanism recorded in a meteorite from the Moon. Progress in Earth and Planetary Science (2020) 7:12 (<https://doi.org/10.1186/s40645-020-0324-8>)
- [3] Hiroshi Nagaoka, Makiko Ohtake, Naoki Shirai, Yuzuru Karouji, Masahiro Kayama, Yuko Kaket, Nobuyuki Hasbe, Mitsuru Ebihara, ” Investigation of the source region of the lunar-meteorite group with the remote sensing datasets: Implication for the origin of mare volcanism in Mare Imbrium,” Icarus **370** (2021) 114690
(<https://doi.org/10.1016/j.icarus.2021.114690>).

学術論文（査読なし）

- [1] 海老原充, 「中性子放射化分析の高度化と宇宙地球化学研究への応用」, 放射化学 第 45 号, 12-24 (2022).

卒業論文

- [1] 近藤佳大「中性子誘起即発ガンマ線測定による H コンドライトの元素組成分析」(早稲田大学教育学部地球科学専修)