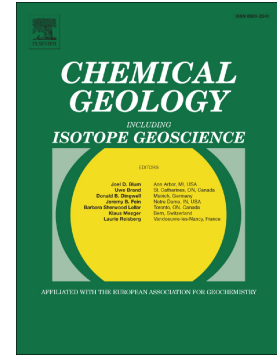


# Accepted Manuscript

REE-Th-U and Nd isotope systematics of monazites in magnetite- and ilmenite-series granitic rocks of the Japan arc: Implications for its use as a tracer of magma evolution and detrital provenance

Keita Itano, Tsuyoshi Iizuka, Mihoko Hoshino

PII: S0009-2541(17)30663-0  
DOI: doi:[10.1016/j.chemgeo.2017.11.033](https://doi.org/10.1016/j.chemgeo.2017.11.033)  
Reference: CHEMGE 18561  
To appear in: *Chemical Geology*  
Received date: 11 July 2017  
Revised date: 19 November 2017  
Accepted date: 23 November 2017



Please cite this article as: Keita Itano, Tsuyoshi Iizuka, Mihoko Hoshino , REE-Th-U and Nd isotope systematics of monazites in magnetite- and ilmenite-series granitic rocks of the Japan arc: Implications for its use as a tracer of magma evolution and detrital provenance. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Chemgeol*(2017), doi:[10.1016/j.chemgeo.2017.11.033](https://doi.org/10.1016/j.chemgeo.2017.11.033)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

REE-Th-U and Nd isotope systematics of monazites in magnetite- and ilmenite-series granitic rocks of the Japan arc: Implications for its use as a tracer of magma evolution and detrital provenance

Keita Itano\*<sup>a</sup>, Tsuyoshi Iizuka<sup>a</sup> and Mihoko Hoshino<sup>b</sup>

<sup>a</sup> Department of Earth and Planetary Science, The University of Tokyo, 7-3-1 Hongo, Tokyo 113-0033, Japan

<sup>b</sup> Mineral Resources Research Group, Institute for Geo-Resources and Environment, National Institute of Advanced Industrial Science and Technology (AIST), Central 7, Higashi 1-1-1, Tsukuba, Ibaraki, 305-8567, Japan

\* To whom corresponding should be addressed:

Email: [k.itano@eps.s.u-tokyo.ac.jp](mailto:k.itano@eps.s.u-tokyo.ac.jp)

Tel: +81 3 5841 8332

Fax: +81 3 5841 8378

Download English Version:

<https://daneshyari.com/en/article/8910251>

Download Persian Version:

<https://daneshyari.com/article/8910251>

[Daneshyari.com](https://daneshyari.com)