

Dissolution kinetics of monazite LnPO_4 (Ln = La to Gd): A multiparametric study

Clémence Gausse, Stéphanie Szenknect, Adel Mesbah, Nicolas Clavier, Stefan Neumeier, Nicolas Dacheux



PII: S0883-2927(18)30087-8

DOI: [10.1016/j.apgeochem.2018.04.005](https://doi.org/10.1016/j.apgeochem.2018.04.005)

Reference: AG 4068

To appear in: *Applied Geochemistry*

Received Date: 18 December 2017

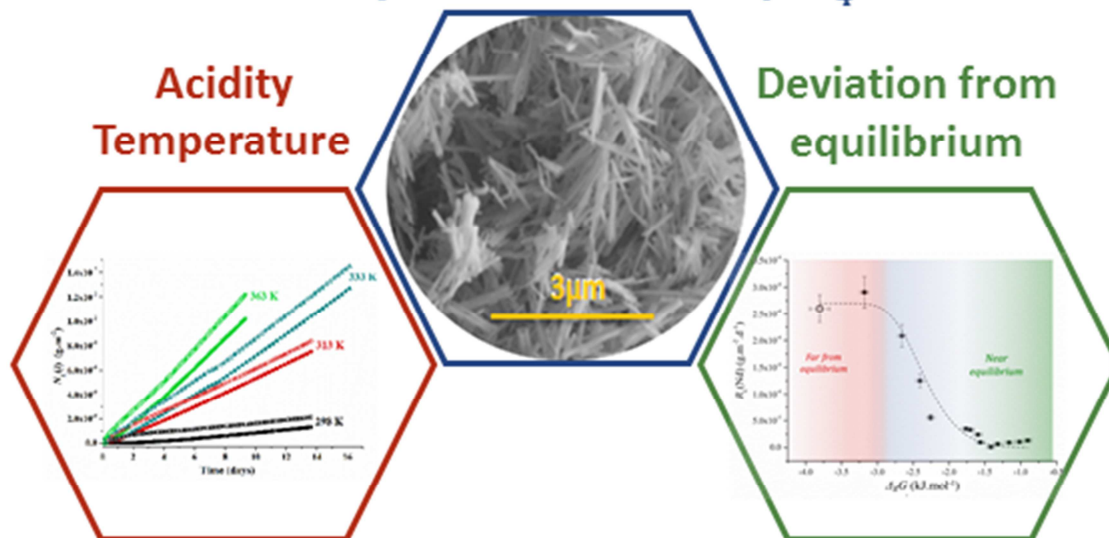
Revised Date: 9 April 2018

Accepted Date: 9 April 2018

Please cite this article as: Gausse, Clé., Szenknect, Sté., Mesbah, A., Clavier, N., Neumeier, S., Dacheux, N., Dissolution kinetics of monazite LnPO_4 (Ln = La to Gd): A multiparametric study, *Applied Geochemistry* (2018), doi: 10.1016/j.apgeochem.2018.04.005.

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.

Dissolution of monazite



$$R_L(i, T) = k \times e^{-E_a/RT} \times (\text{H}_3\text{O}^+)^n \times g(I) \times \prod_i (a_i)^{n_i} \times f(\Delta_R G)$$

Download English Version:

<https://daneshyari.com/en/article/8863118>

Download Persian Version:

<https://daneshyari.com/article/8863118>

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