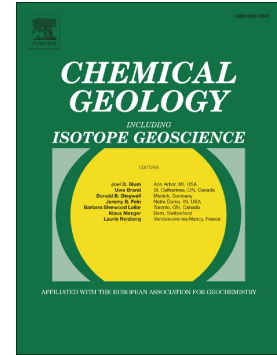


Accepted Manuscript

Bioleaching of rare earth elements from bastnaesite-bearing rock by actinobacteria

Limin Zhang, Hailiang Dong, Yan Liu, Liang Bian, Xi Wang, Ziqi Zhou, Ying Huang



PII: S0009-2541(18)30135-9
DOI: doi:[10.1016/j.chemgeo.2018.03.023](https://doi.org/10.1016/j.chemgeo.2018.03.023)
Reference: CHEMGE 18703
To appear in: *Chemical Geology*
Received date: 4 January 2018
Revised date: 8 March 2018
Accepted date: 14 March 2018

Please cite this article as: Limin Zhang, Hailiang Dong, Yan Liu, Liang Bian, Xi Wang, Ziqi Zhou, Ying Huang , Bioleaching of rare earth elements from bastnaesite-bearing rock by actinobacteria. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Chemge(2017), doi:[10.1016/j.chemgeo.2018.03.023](https://doi.org/10.1016/j.chemgeo.2018.03.023)

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.

**Bioleaching of rare earth elements from bastnaesite-bearing rock by
Actinobacteria**

Limin Zhang ^{a,b}, Hailiang Dong ^{a*}, Yan Liu ^c, Liang Bian ^{d,e}, Xi Wang ^a, Ziqi Zhou ^a,
Ying Huang ^{b*}

^aState Key Laboratory of Biology and Environmental Geology, China University of
Geosciences, Beijing, China

^bState Key Laboratory of Microbial Resources, Institute of Microbiology, Chinese
Academy of Science

^cInstitute of Geology, Chinese Academy of Geological Sciences, Beijing 100037, PR
China

^dKey Laboratory of Solid Waste Treatment and Resource Recycle, Ministry of
Education, South West University of Science and Technology, Mianyang 621010,
Sichuan, China

^eInstitute of Gem and Material Technology, Hebei GEO University, Shijiazhuang
050000, Hebei, China

***Corresponding authors:**

Hailiang Dong

State Key Laboratory of Biology and Environmental Geology, China University of
Geosciences, Beijing 100083, China

Tel.86-010-82320969; E-mail: dongh@cugb.edu.cn

Ying Huang

State Key Laboratory of Microbial Resources, Institute of Microbiology, Chinese
Academy of Sciences, Beijing 100101, China.

Tel/Fax: 86 10 64807311, E-mail: huangy@im.ac.cn

Revised for Chemical Geology
March 7, 2018

Download English Version:

<https://daneshyari.com/en/article/8910310>

Download Persian Version:

<https://daneshyari.com/article/8910310>

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