geosciences

an Open Access Journal by MDPI

IMPACT FACTOR 2.1

CITESCORE 5.1

Geochronology Applied to Metallogeny and Deposit Studies

Guest Editor:

Dr. Paul Alexandre
Department of Geology, Brandon University, John R. Brodie Science Centre, 270 18th Street, Brandon, MB R7A 6A9, Canada

Deadline for manuscript submissions:
closed (30 June 2018)

Message from the Guest Editor

Dear Colleagues,

It has been frequently and extensively demonstrated that geochronology has the potential to very significantly contribute to metallogeny and deposit studies by precisely placing the deposit formation within a fast evolving geodynamic context and thus helping elucidate the physical and chemical conditions prevailing at that time, ultimately leading to a much improved understanding of the ore-deposition events.

This Special Issue aims to gather high-quality original research articles or reviews on the topic of Geochronology Applied to Metallogeny and Deposit Studies.
Submissions are invited on geochronology applied to a wide variety of deposit types, from igneous-related to supergene, in a variety of geodynamic contexts, and applying a range of dating techniques ($^{40}Ar/^{39}Ar$, U/Pb, $^{207}Pb/^{206}Pb$, Re/Os, Sm/Nd). Of particular interest are submissions describing innovative analytical techniques, applications, interpretations, or implications. Success stories of dating particularly challenging deposits, such as the very young or containing very low amounts of datable minerals, are also welcome.

geosciences

IMPACT FACTOR 2.1

CITESCORE 5.1

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alberto G. Fairén
1. Centro de Astrobiología, CSIC-INTA, Madrid, Spain
2. Department of Astronomy, Cornell University, Ithaca, NY, USA

Message from the Editor-in-Chief

Understanding the Earth's origin and its bio-geological evolution, the multiple implications of the geosciences (as a coherentset of interconnected disciplines), and the sociocultural and ethical interdisciplinary approaches, will be crucial for a better understanding of Nature, and also for undertaking scientifically based political decisions.

We are committed to drive *Geosciences* to a position in which it is recognized for its high-quality, cutting-edge research and scientific influence, and strongly encourage and invite your participation and manuscripts.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, ESCI (Web of Science), GeoRef, Astrophysics Data System, and other databases.
Journal Rank: CiteScore - Q1 (General Earth and Planetary Sciences)

Contact Us

Geosciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/geosciences
geosciences@mdpi.com
𝕏@Geosciences_OA