

Publications

1) International Journal (118):- peer-reviewed publications

2009

1. Zheng T Y, Zhao L, Zhu R X.
New evidence from seismic imaging for subduction during assembly of the North China Craton.
Geology, 37(5), 395–398, doi: 10.1130/G25600A.1, 2009
2. Ao H, Dekkers M J, Deng C L, Zhu R X.
Paleoclimatic significance of the Xiantai fluvio-lacustrine sequence in the Nihewan Basin (North China), based on rock magnetic properties and clay mineralogy.
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3. Pan Y X, Lin W, Tian L X, Zhu R X, Petersen N.
Combined approaches for characterization of an uncultivated magnetotactic coccus from the Lake Miyun near Beijing.
Geomicrobiology Journal, 26, 313-320, 2009
4. Pan Y X, Lin W, Li J H, Wu W F, Tian L X, Deng C L, Liu Q S, Zhu R X, Winklhofer M, Petersen N.
Reduced Efficiency of Magnetotaxis in Magnetotactic Coccoid Bacteria in Higher than Geomagnetic Fields.
Biophysical Journal, 97, 986–991, 2009
5. Wang F, Zheng X S, Lee J I K, Choe W H, Evans N, Zhu R X.
An $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology on a mid-Eocene igneous event on the Barton and Weaver peninsulas: Implications for the dynamic setting of the Antarctic Peninsula.
G-Cubic, 10(12), Q12006, doi:10.1029/2009GC002874, 2009
6. Zhan X, Liao X, Zhu R X, Zhang K K.
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7. Zhu R X, Pan Y X, He H Y, Qin H F, Ren S M.

Palaeomagnetism and $^{40}\text{Ar}/^{39}\text{Ar}$ age from a Cretaceous volcanic sequence, Inner Mongolia, China: Implications for the field variation during the Cretaceous normal superchron.

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Earth Planet. Sci. Lett., 272, 97-104, 2008
10. Wang F, Zhu R X, Yang L K, He H Y, Lo C-H. $^{40}\text{Ar}/^{39}\text{Ar}$ analyses on Quaternary K-Ar standard BB-24: Evaluations.
International J. Mass Spectrometry, 270, 16-22, 2008
11. Deng C L, Zhu R X, Zhang R, Ao H, Pan Y X. Timing of the Nihewan formation and faunas.
Quat. Res., 69, 77-90, 2008.
12. Shi G H, Zhu R X, Jiang N, Jia X M. Geochemistry and Mineralogy of Two Contrasting Cretaceous Lavas: Implications for Lithospheric Mantle Evolution beneath the Northeastern North China Craton.
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13. Shi G H, Tropper P, Zhu R X. The Occurrence of magnesioferrite-rich spinels in a trachyandesite from NE China.
Miner. Petrol., DOI: 10.1007/s00710-008-0025-2, 2008.
14. Zheng T Y, Zhao L, Zhu R X. Insight into the geodynamics of cratonic reactivation from seismic analysis of the crust-mantle boundary
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16. Sun J M, Zhang L Y, Deng C L, Zhu R X.

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17. He H Y, Pan Y X, Tauxe L, Qin H F, Zhu R X.

Toward age determination of the M0r (Barremian–Aptian boundary) of the Early Cretaceous.

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18. Liu Q S, Roberts A P, Rohling E J, Zhu R X, Sun Y B.

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20. Zhu R X, Pan Y X, Shi R P, Liu Q S, Li D M.

Palaeomagnetic and $^{40}\text{Ar}/^{39}\text{Ar}$ dating constraints on the age of the Jehol Biota and the duration of deposition of the Sihetun fossil-bearing lake sediments, northeastern China.

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Magnetostratigraphy of the Feiliang Paleolithic site in the Nihewan Basin and implications for early human adaptability to high northern latitudes in East Asia.
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