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Name:Jinhui Yang
Organization:Division of Lithosphere Evolution, Institute of Geology and Geophysics, Chinese Academy of Sciences (CAS)
E-mail: jinhui@mail.iggcas.ac.cn

Education

B.A. Geology, Changchun College of Geology, Changchun, China, 1994
M.A. Mineral Deposits, Changchun College of Geology, Changchun, China, 1997
Ph.D. Petrology, Institute of Geology and Geophysics, Chinese Academy of Sciences (CAS), Hefei, China, 2000

Work Experience

Research Assistantship, University of Science and Technology of China, 2000-2003
Associate Researcher, University of Science and Technology of China, 2003-2006
Senoir Researcher, University of Science and Technology of China, 2006-present

Research Interests

Petrogenesis of igneous rocks, Continental crustal growth and reworking, Formation and evolution of lithospheric mantle, the origin of granites with related mineralization

Services&Awards

Hou Defeng Award in 2006, the Shen-Su Sun Award in 2008, the China Science and Technology Award for Youth in 2010, the Second Prize of National Natural Science Award in 2011, and the Outstanding Youth Award of CAS in 2012
Assistant Director of the Institute of Geology and Geophysics, CAS
Editorial board member of Acta Petrologica et Mineralogica and Chinese Science Bulletin

Major Publications

Chen, J. Y., Yang, J. H., Zhang, J. H., Sun, J. F., 2014. Geochemical transition shown by Cretaceous granitoids in southeastern China: Implications for continental crustal reworking and growth. Lithos, 196-197: 115-130.

Chen, J. Y., Yang, J. H., Zhang, J. H., Sun, J. F., Wilde, S. A., 2013. Petrogenesis of the Cretaceous Zhangzhou batholith in southeastern China: Zircon U–Pb age and Sr–Nd–Hf–O isotopic evidence Original Research Article. Lithos, 162–163: 140-156.

Yang, J. H., Sun, J. F., Zhang, J. H., Wilde, S. A., 2012. Petrogenesis of Late Triassic intrusive rocks in the northern Liaodong Peninsula related to decratonization of the North China Craton: Zircon U–Pb age and Hf–O isotope evidence.Lithos,153: 108-128.

Zhang, M., Yang, J. H., Sun, J. F., Wu, F. Y., Zhang, M., 2012. Juvenile subcontinental lithospheric mantle beneath the eastern part of the Central Asian Orogenic Belt. Chemical Geology, 328: 109-122.

Yang, J. H., Sun, J. F., Zhang, M., Wu, F. Y., Wilde, S. A., 2012. Petrogenesis of silica-saturated and silica-undersaturated syenites in the northern North China Craton related to post-collisional and intraplate extension. Chemical Geology, 328: 149-167.

Yang, J. H., O'Reilly, S., Walker, R., Griffin, W. L., Wu, F. Y., Zhang, M., Pearson, N., 2010. Diachronous decratonization of the Sino-Korean craton: Geochemistry of mantle xenoliths from North Korea. Geology, 38 (9): 799–802.

Sun, J. F., Yang, J. H., Wu, F. Y., Li, X. H., Yang, Y. H., Xie, L. W., Wilde, S. A., 2010. Magma mixing controlling the origin of the Early Cretaceous Fangshan granitic pluton, North China Craton In situ U-Pb age and Sr-, Nd-, Hf- and O-isotope evidence. Lithos, 120: 421-438.

Yang, J. H., Wu, F. Y., Wilde, S. A., Belousova, E., Griffin, W. L., 2008. Mesozoic decratonization of the North China Block.Geology, 36(6): 467-470.

Yang, J. H., Wu, F. Y., Wilde, S. A., Zhao, G. C., 2008. Petrogenesis and geodynamics of Late Archean magmatism in the east Hebei, eastern North China Craton: Geochronological, geochemical and Nd-Hf isotopic evidence. Precambrian Research, 167(1-2), 125-149.

Yang, J. H., Wu, F. Y., Wilde, S. A., Chen, F., Liu, X. M., Xie, L. W., 2008. Petrogenesis of an Alkali Syenite-Granite-Rhyolite Suite in the Yanshan Fold and Thrust Belt, Eastern North China Craton: Geochronological, Geochemical and Nd-Sr-Hf Isotopic Evidence for Lithospheric Thinning. Journal of Petrology, 49(2): 315-351.

Yang, J. H., Wu, F. Y., Wilde, S. A., Xie, L. W., Yang, Y. H., Liu, X. M., 2007. Tracing magma mixing in granite genesis: in situ U-Pb dating and Hf-isotope analysis of zircons. Contributions to Mineralogy and Petrology 153 (2): 177-190.

Yang, J. H., Wu, F. Y., Chung, S. L., Lo, C. H., Wilde, S. A., Davis, G. A., 2007. Rapid exhumation and cooling of the Liaonan metamorphic core complex: Inferences from 40Ar/39Ar thermochronology and implications for Late Mesozoic extension in the eastern North China Craton. The Geological Society of America Bulletin, 119(11): 1405-1414.

Yang, J. H., Sun, J. F., Chen, F. K., Wilde, S. A., Wu, F. Y., 2007. Sources and petrogenesis of Late Triassic dolerite dikes in the Liaodong Peninsula: Implications for post-collisional lithosphere thinning of Eastern North China Craton. Journal of Petrology, 48(10): 1973-1997.

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Yang, J. H., Wu, F. Y., Chung, S. L., Wilde, S. A., Chu, M .F., Lo, C. H., Song, B., 2005. Petrogenesis of Early Cretaceous intrusions in the Sulu ultrahigh-pressure orogenic belt, east China and their relationship to lithospheric thinning.Chemical Geology 222 (3-4): 200-231.

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