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Education

B.A. Peking University, Beijing, China, 1998

M.A. Peking University, Beijing, China, 2001

Ph.D. Mineral Deposit Geology, Queen's University, Kingston, Canada, 2008

Work Experience

2008- 2012: The Australian Atlas of Mineral Resources, Mines, and Processing Centres
Department of Geology, Australia

Research Interests

Ore deposits

Membership

Member of Society of Economic Geologists (SEG) , Asia chairman of Society for Geology Applied to Mineral Deposits (SGA)

Major Publications

- Chen, H. Y., 2013, External sulphur in IOCG mineralization: Implications on definition and classification of the IOCG clan: *Ore Geology Reviews*, in press
<http://dx.doi.org/10.1016/j.oregeorev.2012.12.002>
- Chen, H. Y., Cooke, D. R., Baker, M. J., 2013, Mesozoic IOCG Mineralization in the Central Andes and the Gondwana Supercontinent Breakup: *Economic Geology*, v. 108, p. 37-44
- Zhang, L., Chen, H. Y., Chen, Y. J., et al., 2012, Alteration, Mineralization and Fluid Geochemistry of the Wangfeng Orogenic-type Gold Deposit, Western Tian Shan, China: *Ore Geology Reviews*, v. 49, p. 85-95 (corresponding author)
- Chen, H. Y., Chen, Y. J., Baker, M., 2012, Isotopic geochemistry of the Sawayaerdun gold deposit, northwest China: *Implications for ore genesis and mineral exploration: Chemical Geology*, v. 310-311, p. 1-11
- Chen, H. Y., Chen, Y. J., Baker, M., 2012, Evolution of ore-forming fluids in the Sawayaerdun gold deposit in the Southwestern Chinese Tianshan metallogenic belt, Northwest China: *Journal of Asian Earth Sciences*, v. 49, p. 131-144
- Chen, H. Y., Yang, J. T., Baker, M., 2012, Mineralization and fluid evolution of the Jiyuan polymetallic Cu-Ag-Pb-Zn-Au deposit, eastern Tianshan, NW China: *International Geology Review*, v. 54, p. 816-832
- Chen, H. Y., Tian, W., Falloon, T., et al., 2011, Pyrite trace element geochemistry of mafic granulite xenoliths from Xikeer: implications for the source of Cu in the exotic sediment-hosted mineralization of the northwest Tarim Basin (Northwest China): *Mineralium*

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- Chen, H. Y., Chen, Y. J., Liu, Y. L., 2001, Metallogenesis and its relationship with orogenesis of Erqs auriferous belt, *Xinjiang: Science in China (Series D)*, 44(3), 245-255
- Chen, H. Y., Zhang, Z. J., 2001, The multipurpose use of mineral resource of black shale in northwest Hunan: *Geology and Prospecting* (in Chinese), v. 37 (3), p. 32-35.
- Chen, H. Y., Bao, J. X., Zhang, Z. J., et al., 2000, The isotope Tracing of the Sources of Ore Metals and Fluids in the Wangfeng Gold Deposit, Xinjiang:-a contribution to collisional orogenic metallogenesis: *Science in China(Series D)* 43 (supp):156-166
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- Li, Y. J., Wei, J. H., Chen, H. Y., 2012, Origin of the Maodun Pb-Zn-Mo polymetallic deposit, eastern Cathaysia Block, China: geological, geochronological, geochemical and Sr-Nd-Pb-S isotopic constraints: *Mineralium Deposita* DOI: 10.1007/s00126-011-0389-9
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