

7 Prof. Jun Deng



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Education

B.A. Geomechanics, China University of Geosciences, Beijing, China, 1981

M.A. Structural Geology, China University of Geosciences, Beijing, China, 1989

Ph.D. Structural Geology, China University of Geosciences, Beijing, China, 1992

Work Experience

Dean of the school of earth science and resources, China University of Geosciences, Beijing, China, 1999.01—2000.01

Vice-president, China University of Geosciences, Beijing, China, 2000.01—2010.09

Vice-president, China University of Geosciences, Beijing, China, 2010.09—present

Research Interests

Regional metallogeny and metallogenic system, tectonic system and its dynamics

Services & Awards

Chief editor of 《Modern Geological》

Major Publications

Deng, J., Chen, X.M., Yang, L.Q., et al., Study on the center of mineralizing fluids in the Fankou superlarge PB-Zn ore deposit in northern Guangdong province. *Acta Petrological Sinica*, 2000, 16(4): 528-530.

Deng, J., Fang, Y., Yang, L.Q., et al. Numerical modelling of Ore-forming dynamics of fractal dispersive fluid systems. *Acta Geologica Sinica*, 2001, 75(2): 220-232.

Deng, J., Yang, L.Q., Sun, Z.S., et al. A Metallogenic Model of Gold Deposits of the Jiaodong Granite-Greenstone Belt. *Acta Geologica Sinica*, 2003, 77(4).

Deng, J., Liu, W., Sun, Z.S., et al. Evidence of mantle-rooted fluids and multi-level circulation ore-forming dynamics: A case study from the Xiadian gold deposit, Shandong province, China. *Science in China (Series D)*, 2003, 46(Supp) : 138-142.

Deng, J., Huang, D.H., Wang, Q.F., et al. Formation Mechanism of “Drag Depressions” and Irregular Boundaries in Intraplate Deformation. *Acta Geologica Sinica*, 2004, 78(1): 267-272.

Deng, J., Huang, D.H., Wang, Q.F., et al. Surplus Space Method: A New Numerical Model for Prediction of Shallow-seated Magmatic Bodies. *Acta Geologica Sinica*, 2004, 78(6): 1245-1249.

Deng, J., Huang, D.H., Wang, Q.F. et al. Experimental remolding on the cap rock's 3D strain field of the Indosinian-Yanshanian epoch in Tongling deposit concentrating area. *Science in China (Series D)*, 2005, 48(7) : 863-874.

Deng, J., Yang, L.Q., Wang, J.P., et al. Late-paleozoic Fluid Systems and Their Ore-forming

- Effects in the Yuebei Basin, China, *Acta Geological Sinical*, 2005, 79(5): 673-687.
- Deng, J., Wang, Q.F., Huang, D.H., et al. Transport network and flow mechanism of shallow ore-bearing magma in Tongling ore cluster area, *Science in China (Series D)*, 2006, 49(4): 397-407.
- Deng, J., Yang, L.Q., Ge, L.S., et al. Research advances in the Mesozoic tectonic regimes during the formation of Jiaodong ore cluster area. *Progress in Natural Science*, 2006, 16(8): 777-784.
- Deng, J., Wang, Q.F., Yang, L.Q., et al. Reconstruction of Ore Controlling Structures Resulting from Magmatic Intrusion into the Tongling Ore Cluster Area during the Yanshanian Epoch. *Acta Geologica Sinica*, 2007, 81(2): 287-296.
- Jun, D., Qing, J., Gong, L.Q., et al. Experimental Determination of Pyrite Dissolution Rate in Acidic Media at 21 °C to 61 °C. *Geochimica et Cosmochimica Acta, Special Supplement*, Germany, 2007, Volume 71, A 217.
- Jun, D., Gong, Q., Wang, L., et al. Tracing Ore Forming Fluid of Gold Deposits Hosted in Kangding Complex in Sichuan Province, China. *Geochimica et Cosmochimica Acta, Special Supplement*, Canada, 2008, Volume 72, A 210.
- Deng, J., Wang, Q.F., Yang, L.Q., et al. The Structure of Ore-controlling Strain and Stress Field in the Shangzhuang Gold Deposit in Shandong Province, China. *Acta Geologica Sinica*, 2008, 82(4): 769-780.
- Deng, J., Wang, Q.F., Wan, L., et al. Random Difference of the Trace Element Distribution in Skarn and Marbles from Shizishan Orefield, Anhui Province, China. *Journal of China University of Geosciences*, 2008, 19(4): 319-326.
- Deng, J., Wang, Q.F., Wan, L., et al. Self-similar fractal analysis of gold mineralization of Dayingezhuang disseminated-veinlet deposit in Jiaodong gold province, China. *Journal of Geochemical Exploration*, 2009, 102(2): 95-102.
- Deng, J., Yang, L.Q., Gao, B.F., et al. Fluid Evolution and Metallogenic Dynamics during Tectonic Regime Transition: Example from the Jiapigou Gold Belt in Northeast China. *Resource Geology*, 2009, 59(2): 140-152.
- Deng, J., Yang, L.Q., Chen, X.M. et al. Fluid system and Ore-forming dynamics of the Yuebei Basin, China. *Proceedings of the Eighth Biennial SGA Meeting*, Springer, 2005, volume I : 107-109.
- Deng, J., Wang, Q.F., Wan, L., et al. Singularity of Au Distribution in Altered Rock Type Deposit — An Example from Dayingezhuang Gold Ore Deposit. The 12th Conference of the International Association for Mathematical Geology, Pengda Zhao Eds. *Printed by China University of Geosciences Printing House*, 2007, 44-47.