Dissertation List of the
Chinese Academy of Sciences

Dissertation title	Occurrence of Silver, Sources of Mineralized Substances and Ore-Forming Mechanism of Yinchangpo Silver-Polymetallic Deposit , Guizhou province, China				
Author's full name	HuYaoguo	Profession	Geochemistry of ore deposit	Academic degree	Doctor
Author's institution	Institute of Geochemistry C.A.S	Permanent address			
Supervisor's full name	Tu Guangchi Li Chaoyang	Academic post			
Supervisor's institution	Institute of Geochemistry, Chinese Academy of Sciences				

Abstracts (200-300 words, English translation of the Chinese original)

The geologic and geochemical characteristics, the occurrence of silver, the sources of mineralized substances, the features of ore-forming fluids and the ore-forming mechanism have been comprehensively studied through a series of researches on the petrology and lithogeochemistry, the mineralogy,the fluid inclusion, the rare earth elements and trace elements, the isotopes of lead, strontium, sulfur, carbon and oxygen for Yinchangpo silver-polymetallic deposit. In addition, the degree and direction of immigration of silver and other ingredients during the process of the wall rock alteration are calculated quantificationally on the basis of determining TiO_2 as an immobile ingredient. Finally, the metallogenic model has been established,and Indications of silver's exploration have been suggested.

Key words (3-8 words, English translation of the Chinese original)

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