



陈伟研究员 中国地质大学（北京）

1、个人简介

陈伟, 男, 1984年5月。博士, 研究员。主要从事矿床学方面的研究。

2、学习和工作经历

2001.09—2005.07: 长安大学, 地质学专业, 获学士学位。

2005.09—2009.12: 中科院广州地化所, 矿床学专业, 获硕士学位。

2010.01—2013.12: 香港大学, 矿床学和经济地质学专业, 获博士学位。

2014.01—2016.03: 香港大学, 博士后。

2016.03—今: 中科院地化所, 研究员、博士生导师。

3、成果奖励及荣誉称号

(1) 2016年获国家高层次人才计划。

4、国内外学术任职

中国矿物岩石地球化学学会矿床地球化学专业委员会委员,《地质科技通报》编委。

5、负责/主持的项目

(1) 国家自然科学基金优秀青年基金项目, 41822303, 热液系统中成矿元素的活化和富集, 2019/01-2021/12, 130万元, 负责人;

(2) 国家自然科学基金面上项目, 41673048, 中越边境新泉至龙脖河地区 Fe-Cu 矿床的成矿机制, 2017/01-2020/12, 72万元, 负责人;

(3) 国家重点研发计划(课题二), 2017YFC0602302, 深部稀土矿化的浅部表征, 2017/07-2021/07, 643万元, 负责人。

6、专著、论文

(1) Ma R L, Chen W T*, Zhang W, Chen Y W. 2021. Hydrothermal upgrading as an important tool for the REE mineralization in the Miaoya carbonatite-syenite complex, Central China. *American Mineralogists* 106, in press (Corresponding author)

(2) 胡瑞忠, 陈伟, 毕献武, 付山岭, 尹润生, 肖加飞, 2020. 扬子克拉通前寒武纪基底对中生代大面积低温成矿的制约[J]. *地学前缘*, 27: 137-150.

- (3) Chen W T, Zhou M F, Li X C, Gao J F, Bao Z, Yuan HL, 2019. In situ Pb-Pb isotopic dating of sulfides from hydrothermal deposits: A case study of the Lala Fe-Cu deposit, SW China[J]. *Mineralium Deposita*, 54:671-682.
- (4) Zhang W, Chen W T*, Gao J F, Chen H K, Li J H. 2019. Two episodes of REE mineralization in the Qinling Orogenic Belt, Central China: In-situ U-Th-Pb dating of bastnäsite and monazite[J]. *Mineralium Deposita*, 54: 1265-1280.
- (5) 陈伟, 赵新福, 李晓春, 周美夫. 2019. 中国铁氧化物-铜-金(IOCG)矿床的基本特征及研究进展[J]. *岩石学报*, 35(1): 99-118. (邀请论文)
- (6) Zhao X F, Chen W T, Li X C, Zhou M F. 2019. Iron oxide copper-gold deposits in China: a review and perspectives on ore genesis[J]. *SEG Special Publication 22*: 553-580 .(invited)
- (7) Chen W T, Sun W H, Zhou M F, Wang W. 2018. Ca. 1050 Ma intra-continental rift-related A-type felsic rocks in the southwestern Yangtze Block, South China[J]. *Precambrian Research*, 309: 22-44.
- (8) Chen W T*, Zhou M F. 2017. Hydrothermal alteration of magmatic zircon related to NaCl-rich brines: diffusion-reaction and dissolution-reprecipitation processes[J]. *American Journal of Sciences*, 317:177-215.
- (9) Chen W T, Zhou M F *, Gao, J.F., Hu, RZ., 2015. Geochemistry of magnetite from Fe-Cu deposits in the Kangdian metallogenic province, SW China[J]. *Mineralium Deposita* , 50:795-809.
- (10) Chen W T, Zhou M F *, 2015. Mineralogical and geochemical constraints on the mobilization and mineralization of rare earth elements in the Lala Fe-Cu-(Mo, REE) deposit, SW China[J]. *American Journal of Sciences*, 315:671-711.
- (11) Chen W T, Zhou M F, Gao J F, Zhao T P*. 2015. Oscillatory Sr isotopic signature in plagioclase megacrysts from the Damiao anorthosite complex, North China[J]. *Chemical Geology*, 393-394: 1-15.
- (12) Chen W T, Zhou M F*. 2014. Ages and compositions of primary and secondary allanite from the Lala Fe-Cu deposit, SW China: Implications for multiple episodes of hydrothermal events[J]. *Contributions to Mineralogy and Petrology*, 168:1043-1062.
- (13) Chen W T, Sun W H*, Zhao J H, Wang W, Zhou M F. 2014. "Grenvillian" intra-plate mafic magmatism in the southwestern Yangtze Block, SW China[J]. *Precambrian Research*, 242:138-153.
- (14) Zhou M F*, Zhao X F, Chen W T, Li X C, Wang W, Yan D P, Qiu H N. 2014. Proterozoic Fe-Cu metallogeny and supercontinental cycles of the southwestern Yangtze Block, southern China and northern Vietnam[J]. *Earth-Science Reviews*, 139:59-82.
- (15) Chen W T, Zhou M F, Zhao T P*. 2013. Differentiation of nelsonitic magmas in the formation of the ~1.74 Ga Damiao Fe-Ti-P ore deposit, North China[J]. *Contributions to Mineralogy and Petrology*, 165:1341-1362.
- (16) Chen W T, Zhou M F*, Zhao, X.F., 2013. Late Paleoproterozoic sedimentary and mafic rocks in the Hekou area, SW China: Implication for the reconstruction of the Yangtze Block in Columbia[J]. *Precambrian Research*, 231: 61-77.
- (17) Chen W T, Zhou M F*. 2012. Paragenesis, stable isotopes and molybdenite Re-Os isotopic age of the Lala iron-copper deposit, Southwest China[J]. *Econ. Geol.*, 107:459-480.