CURRICULUM VITAE

<table>
<tr><td colspan="4">Personal Information</td><td rowspan="5">  </td></tr>
<tr><td>Name</td><td>Hu Chengxiao</td><td>Gender</td><td>Male</td></tr>
<tr><td colspan="2">Position Title</td><td colspan="2">Professor in Soil, Plant Nutrition and Environmental Ecology Science</td></tr>
<tr><td colspan="2">Working Department</td><td colspan="2">College of Resources & Environment</td></tr>
<tr><td>Email</td><td colspan="3">hucx@mail.hzau.edu.cn</td></tr>
<tr><td>Address</td><td colspan="3">No. 1, Shizishan Road, Hongshan District, Wuhan 430070, Hubei, P.R.China</td><td></td></tr>
<tr><td>Tel</td><td>86-27-87282026 (Office),
86-27-87288730 (Lab)</td><td>Fax</td><td colspan="2">86-27-87396057.</td></tr>
</table>

Research Interest

- Elected the Scientist of China Agriculture Research System (CARS-027) in 2007.
- Awarded the New Century Excellent Talents in University by the Education Ministry of China in 2004.
- Elected the Second Glass of New Century Excellent Talents in Hubei Province in 2003.
- Awarded the Second Grade Award for Science and Technology Improvement of Hubei Province in 1998.
- Member of the Soil Science Society of China in 1991.
- Member of the Society of Plant Nutrition and Fertilizers of China in 1991.
- Secretary of the Hubei Society of Soil and Fertilizers in 2003, to 2008.

Professional Memberships

- Elected the Scientist of China Agriculture Research System (CARS-027) in 2007.
- Awarded the New Century Excellent Talents in University by the Education Ministry of China in 2004.
- Elected the Second Glass of New Century Excellent Talents in Hubei Province in 2003.
- Awarded the Second Grade Award for Science and Technology Improvement of Hubei Province in 1998.
- Member of the Soil Science Society of China in 1991.
- Member of the Society of Plant Nutrition and Fertilizers of China in 1991.
- Secretary of the Hubei Society of Soil and Fertilizers in 2003, to 2008.

Other Roles

- Head of Graduate School, Huazhong Agricultural University, 2002.8-2014.5.
- Director of Micro-element Research Center, HZAU, 2006.9-2012.12.
- Director of Hubei Provincial Engineering Laboratory for New-Type Fertilizers, 2012.12-
- Director of International Cooperation and Exchange Department, Dean of International College, HZAU, 2014.5-

Education & Working Experience

- October 2002 - Present: Professor of Soil in Plant and Environmental Science, Soil and Plant Micro-element Group, Department of Resources and Environment, Huazhong Agricultural University.

- March 1999, and December 2000: Lincoln University, and Environment Research Inst., New Zealand.
- October 1997 – October 2002: Associate Professor in Soil and Plant Micro-element Group, Department of Resources and Environment, Huazhong Agricultural University.
- October 1993 – December 1997: Lecture in Soil and Plant Micro-element Group, Department of Resources and Environment, Huazhong Agricultural University.
- August 1991 – October 1993: Assistant Lecturer in Department of Resources, Environment and Agro-chemistry, Huazhong Agricultural University.
- 1999 PhD, Huazhong Agricultural University, China.
- 1988 Masters of Agricultural Science, majoring in Soil and Plant Nutrition, with the research area of Agricultural Environment Protection. Huazhong Agricultural University, China.
- 1984 Bachelor of Agricultural Science, majoring in Soil Science and Agricultural Chemistry, Huazhong Agricultural University, China.

Publications

- Xuejiao Qing，Xiaohu Zhao(corresponding author)，***Chengxiao Hu***，Peng Wang，Ying Zhang，Xuan Zhang，Pengcheng Wang，Hanzhi Shi，Fen Jia，Chanjuan Qu. Selenium alleviates chromium toxicity by preventing oxidative stress in cabbage *(Brassica campestris L.ssp. Pekinensis)* leaves. ***Ecotoxicology and Environmental Safety***，2015，114（1）：179-189. (In English)
- Zhichao Wu, Xiaohu Zhao, Xuecheng Sun, Qiling Tan, Yafang Tang, Zhaojun Nie, Chanjuan Qu, Zuoxin Chen, ***Chengxiao Hu (corresponding author)***. Antioxidant enzyme systems and the ascorbate–glutathione cycle as contributing factors to cadmium accumulation and tolerance in two oilseed rape cultivars *(Brassica napus L.)* under moderate cadmium stress. ***Chemosphere***, 2015, 138:526–536. (In English)
- Cang-Song Zheng, Xiang Lan, Qi-Ling Tan, Ying Zhang, Hui-Ping Gui, ***Cheng-Xiao Hu(corresponding author)***. Soil application of calcium and magnesium fertilizer influences the fruit pulp mastication characteristics of Nanfeng tangerine *(Citrus reticulata Blanco cv. Kinokuni)*. ***Scientia Horticulturae***. 2015, 191:121-126. (In English)
- Ying Zhang, ***Chengxiao Hu (corresponding author)***, Qiling Tan, Zhaojun Nie, Cangsong Zheng, Huiping Gui, Xuecheng Sun, Xiaohu Zhao.S oil Application of Boron and Zinc Influence Fruit Yield and Quality of Satsuma Mandarin in Acidic Soils. ***Agronomy Journal,*** 2015, 107(1): 1-8. (In English)
- Zhaojun Nie, Shuying Li, ***Chengxiao Hu (corresponding author)***, Xuecheng Sun, Qiling Tan, and Hongen Liu. EFFECTS OF MOLYBDENUM AND PHOSPHORUS FERTILIZERS ON COLD RESISTANCE IN WINTER WHEAT. ***Journal of Plant Nutrition***, 2015, 38(5): 808-820. (In English)
- Ying Zhang, Qiling Tan, ***Chengxiao Hu (corresponding author)***, Cangsong Zheng, Huiping Gui, Weinan Zeng, Xuecheng Sun, Xiaohu Zhao. Differences in responses of soil microbial properties and trifoliate orange seedling to biochar derived from three feedstocks. J. Soils Sediments, 2015, 15(3): 541-551. (In English)
- Zhichao Wu, Xiaohu Zhao, Xuecheng Sun, Qiling Tan, Yafang Tang, Zhaojun Nie, ***Chengxiao Hu (corresponding author)***. Xylem transport and gene expression play decisive roles in cadmium accumulation in shoots of two oilseed rape cultivars ***(Brassica napus)***. Chemosphere, 2015, 119:1217–1223. (In English)
- Molybdenum affects photosynthesis and ionic homeostasis of Chinese cabbage under

salinity stress. Mu Zhang, ***Chengxiao Hu(corresponding author)***, Xuecheng Sun, Xiaohu Zhao, Qiling Tan, Ying Zhang，Na Li. ***Communications in Soil Science and Plant Analysis.*** 2014, 45(20): 2660-2672. (In English)

- Zhaojun Nie, ***Chengxiao Hu***, Hongen Liu, Qiling Tan , Xuecheng Sun(corresponding author). Differential expression of molybdenum transport and assimilation genes between two winter wheat cultivars *(Triticum aestivum)*. ***Plant Physiology and Biochemistry***. 2014, 82: 27-33. (In English)
- Wu S, Hu C, Tan Q, Nie Z, Sun X. Effects of molybdenum on water utilization, antioxidative defense system and osmotic-adjustment ability in winter wheat *(Triticum aestivum)* under drought stress. ***Plant Physiol Biochem.*** 2014, 83:365–374. (In English)
- Ying Zhang, ***Cheng-Xiao Hu (corresponding author)***, Qi-Ling Tan, Cang-Song Zheng, Hui-Ping Gui, WEI-Nan Zeng, Xue-Cheng Sun, Xiao-Hu Zhao. Plant nutrition status, yield and quality of satsuma mandarin (*Citrus unshiu Marc.*) under soil application of Fe-EDDHA and combination with zinc and manganese in calcareous soil. ***Scientia Horticulturae***. 2014, 174: 46-53. (In English)
- Jingjun Su, Eric Bochove, Jean-Christian Auclair, Georges Thériault, ***Chengxiao Hu***, Xuyong Li. Phosphorus Fluxes at the Sediment-Water Interface in a Temperate Region Agricultural Catchment. ***Water, Air, & Soil Pollution,*** 2014, 225 (1):1-11. (In English)
- Jingjun Sua, Eric van Bochoveb, Jean-Christian Auclairc, Georges Thériaultd, Jean-Thomas Denaultd, Catherine Bosséd, Xuyong Li, ***Chengxiao Hu***. Phosphorus algal availability and release potential in suspended and streambed sediments in relation to sediment and catchment characteristics. ***Agriculture, Ecosystems and Environment***. 2014, 188: 169-179. (In English)
- Hui-Ping Gui, Qi-Ling Tan, ***Cheng-xiao Hu (corresponding author)***, Ying Zhang, Cang-Song Zheng, Xue-Cheng Sun, Xiao-Hu Zhao. Floral analysis for Satsuma mandarin *(Citrus unshiu Marc.)* nutrient diagnosis based on the relationship between flowers and leaves. ***Scientia Horticulturae***. 2014, 169: 51-56. (In English)
- Xuecheng Sun, Qiling Tan, Zhaojun Nie, ***Chengxiao Hu (corresponding author)***, Yongqiang An. Differential Expression of Proteins in Response to Molybdenum Deficiency in Winter Wheat Leaves Under Low-Temperature Stress. ***Plant Mol Biol Rep.*** 2014, 32(5): 1057-1069. (In English)

- Yafang Tang, Xuecheng Sun, ***Chengxiao Hu (corresponding author)***, Qiling Tan, Xiaohu Zhao. Genotypic differences in nitrate uptake, translocation and assimilation of two Chinese cabbage cultivars *[Brassica campestris L. ssp.Chinensis (L.)]*. ***Plant Physiology and Biochemistry.*** 2013, 70: 14-20. (In English)
- Mu ZHANG, ***Chengxiao HU(corresponding author)***, Xiaohu ZHAO, Qiling TAN, Xuecheng SUN and NA LI. Impact of molybdenum on Chinese cabbage response to selenium in solution culture. ***Soil Science and Plant Nutrition***. 2012, 58：595-603. (In English)
- Hong Huang, **Chengxiao Hu(corresponding author)**, Qiling Tan, Xiaohu Zhao, Xuecheng Sun, Xiaoming Hu, Liangzhi Peng and Changpin Chun. Diagnosing of the nutritional status of 'Newhall' navel orange trees with the method of modified diagnosis and recommendation integrated system (M-DRIS). Journal of Food, Agriculture & Environment, 2012, 10 (3&4): 379-383. (In English)
- Hongen Liu, **Chengxiao Hu(corresponding author)**, Xuecheng Sun, Qiling Tan and Zhaojun Nie. Interactive effects of molybdenum and phosphorus fertilizers on dry matter accumulation, seed yield and yield components in Brassica napus. Journal of Food, Agriculture & Environment, 2012, 10 (3&4): 389-392. (In English)
- Hong Huang, **Chengxiao Hu(corresponding author)**, Qiling Tan, Xiaoming Hu, Xuecheng Sun, Lei Bi. Effects of Fe-EDDHA application on iron chlorosis of citrus trees and comparison of evaluations on nutrient balance with three approaches. Scientia Horticulturae, 2012, 146:137-142. (In English)
- Mu Zhang, **Chengxiao Hu(corresponding author)**, Xiaohu Zhao, Qiling Tan, Xuecheng Sun, Anyong Cao, Min Cui, Ying Zhang. Molybdenum improves antioxidant and osmotic-adjustment ability against salt stress in Chinese cabbage *(Brassica campestris L. ssp. Pekinensis)*. Plant and Soil. 2012,355(1):375-383. (In English)
- Quanji Liu, Chuangmu Zheng, **Chengxiao Hu(corresponding author)**, Qiling Tan, Xuecheng Sun and Jingjun Su. Effects of high concentrations of soil arsenic on the growth of Winter wheat *(Triticum aestivum L)* and Rape (Brassic napus). Plant Soil and Environment. 2012, 58(1): 22-27. (In English)
- Zhang Yunhong, Zhang Geng, Liu Lanying, Zhao Kai, Wu Lishu, **Hu Chengxiao**, Di Hongjie. The role of calcium in regulating alginate-derived oligosaccharides in nitrogen metabolism of Brassica campestris L.var. utilis Tsen et Lee. Plant Growth

Regulation, 2011, 64(2): 193-202. (In English)

- Lei Zhong, **Chengxiao Hu (corresponding author)**, Qiling Tan, Jinshan Liu, Xuecheng Sun. Effects of sulfur application on sulfur and arsenic absorption by rapeseed in arsenic-contaminated soil. Plant Soil and Environment. 2011, 57(9): 429-434. (In English)
- Jinshan Liu, Xiaoming Hu, **Chengxiao Hu(corresponding author)**, Weihong Qiu, Xuecheng Sun, Qiling Tan, Jialong Zou & Bin Li. Differences in Soil Fertility Parameters between 1981 and 2006 in Jingzhou County, China Associated with Changes of Agricultural Practices. Communications in Soil Science and Plant Analysis. 2011, 42(20):2504-2514. (In English)
- Min Cui, Xuecheng Sun, **Chengxiao Hu(corresponding author)**, Hong J. Di, Qiling Tan, Changsheng Zhao. Effective mitigation of nitrate leaching and nitrous oxide emissions in intensive vegetable production systems using a nitrification inhibitor, dicyandiamide. Journal of Soils and Sediments，2011, 11: 722-730. (In English)
- Yuan-Yuan Wang, Ping Ai, **Cheng-Xiao Hu(corresponding author)**, Yan-lin Zhang. Effects of Various Pretreatment Methods of Anaerobic Mixed Microflora on Biohydrogen Production And The Fermentation Pathway of Glucose. International Journal of Hydrogen Energy, 2011,36(1): 390-396. (In English)
- J.J. Su, E. van Bochove, G. Theriault, B.Novotna, J. khaldoune, J.T. Denault, J. Zhou, M.C.Nolin, **C.X. Hu**, M. Bernier,G. Benoy,Z.S.Xing,L.Chow. Effects of snowmelt on phosphorus and sediment losses from agricultural watersheds in Eastern Canada. Agriculture Water Management.. 2011, 98: 867-876. (In English)
- Jinshan Liu, Zhiwen Liao, **Chengxiao Hu(corresponding author)**, Weihong Qiu, Xuecheng Sun, Qiling Tan. Relationships between Mehlich-3, ASI and Routine methods of soil available nutrients analysis for paddy soils in China. Journal of Food, Agriculture & Environment, 2011,9(1): 132-136. (In English)
- Weihong Qiu, Jinshan Liu, **Chengxiao Hu(corresponding author)**, Xuecheng Sun and Qiling Tan. Effects of nitrogen and soil moisture on nitrous oxide emission from an alfisol in Wuhan, China. Journal of Food, Agriculture & Environment. 2010, 8 (3&4), 592-596. (In English)
- Sun Xuecheng, **Chengxiao Hu(corresponding author)**, Tan Qiling, Liu Jinshan, Liu Hongen. Endogenous Hormone in Response to Molybdenum in Winter Wheat Roots

under Low Temperature Stress. Journal of Food Agriculture & Environment, 2010, 8 (3&4) : 597-601. (In English)

- Weihong Qiu, Jinshan Liu, **Chengxiao Hu(corresponding author),** Xuecheng Sun, Qiling Tan. Effects of N fertilizer application rates on N2O emissions from a vegetable field in Wuhan, China-a lysimeter study. IEEE-ICCBE/EPPH2010（EI）. (In English)
- H.E. Liu, **C.X. Hu (corresponding author),** X.C. Sun, Q.L. Tan, and Z.J. Nie. Interaction of molybdenum and phosphorus supply on uptake and translocation of P and Mo by Brassica napus. Journal of Plant Nutrition, 2010, 33: 151-160. (In English)
- Weihong Qiu, Hongjie Di, Keith C. Cameron, **Chengxiao Hu.** Nitrous oxide from animal urine as affected by season and a nitrification inhibitor dicyandiamide. Journal of Soils and Sediments，2010, 10（7）:1229-1235. (In English)
- Huafeng Hu, **Chengxiao Hu(Corresponding author),** Xiaolei Jie, Shiliang Liu, Xiao Guo, Dangling Hua, Chuang Ma, Jianwei Lu and Hongen Liu．Effects of selenium on herbage yield, selenium nutrition and quality of alfalfa. Journal of Food, Agriculture & Environment, 2010, 8(2): 792-795。(In English)
- Min Yu, **Chengxiao Hu,** Sun Xuecheng, Yunhua Wang.Influences of Mo on Nitrate Reductase, Glutamine Synthetase and Nitrogen Accumulation and Utilization in Mo-Efficient and Mo-Inefficient Winter Wheat Cultivars. Agricultural Sciences in China, 2010，9（3）：355-361。(In English)
- Zhao Changsheng, **Hu Chengxiao(Corresponding author),** Huang Wei, Sun Xuecheng, Tan Qiling, H. J. Di. Design, construction and installation of large soil core lysimeters. Nongye Gongcheng Xuebao, 2010, 26（2）：48-53. (In English)
- CS Zhao, **CX Hu**, W Huang, XC Sun, HJ Di. A lysimeter study of nitrate leaching and optimum nitrogen application rates for intensively irrigated vegetable production systems in Central China. J Soils Sediments, 2010, 10(1), 9-17. (In English)
- Hongen Liu, **Chengxiao Hu**, Xuecheng Sun, Qiling Tan, Zhaojun Nie, Xiaoming Hu. Interactive effect of molybdenum and phosphorus fertilizer application on photosynthetic characteristics at seedling stage and grain yield of Brassica napus. Plant and Soil,2010,326(1-2):345-353. (In English)
- H. E. Liu, **C. X. Hu(Corresponding author)**, X. C. Sun, Q. L. Tan, and Z. J. Nie.Interactive effects of molybdenum and phosphorus fertilizers on grains and quality of Brassica napus. Journal of Food, Agriculture & Environment, 2009, 7(3-4): 266-269。(In English)

- Xuecheng Sun, **Chengxiao Hu(Corresponding author)**, Qiling Tan,Effects of molybdenum on cold-responsive genes in abscisic acid (ABA)-dependent and ABA-independent pathways in winter wheat under low temperature stress. Annals of Botany, 2009,104:345-356. (In English)
- Xiaoming Hu, **Chengxiao Hu,** Xuecheng Sun, Mingxing Lu, Bin Su, Anyong Cao. Effects of simulated acid rain on soil acidification, availabilities and temporal and spatial variations of Cu and Pb in a vegetable field under natural conditions. Journal of Food, Agriculture & Environment, 2009, 7 (1): 92 -96. (In English)
- ZJ Nie, **CX Hu**, XC Sun, QL Tan, HE Liu. Effects of molybdenum on ascorbate-glutathione cycle metabolism in Chinese cabbage. Plant and soil, 2007, 295:13-21(In English)
- QJ Liu, **CX Hu**, QL Tan，XC Sun，JJ Su, YX Liang. Effects of As on As uptake and speciation, and nutrient uptake by winter wheat *(Triticum aestivum L)* under hydroponic conditions. Journal of Environmental Sciences, 2008, 20: 326-331(In English)
- XL Liu, **CX Hu**, S Zhang. Effects of earthworm activity on fertility and heavy metal bioavailability in sewage sludge. Environment International, 2005,31: 874-879 (In English)
- M. Yu, ***CX Hu*** and YH Wang. Influence of Mo on the metabolism of nitrogen in winter wheat cultivars with different Mo efficiency,,W.J. Horst et al (Eds.), Plant nutrition—Food security and sustainability of agro-ecosystem,2001:112-113 (In English)
- **Chengxiao Hu**, Yunhua Wang, and Wenxue Wei. Effect of molybdenum application on the free amino acid composition of winter wheat at different growth stages. *Journal of Plant Nutrition*,2002,25(7):1487-1499.(In English)
- Min Yu, **Chengxiao Hu**, Yunhua Wang. Molybdenum efficiency in winter wheat cultivars as related to molybdenum uptake and distribution. *Plant and Soil*, 2002, 245(2): 287-293. (In English)
- Min Yu, **Chengxiao Hu**, Yunhua Wang. Influences of Seed Molybdenum and Molybdenum Application on Nitrate Reductase Activity, Shoot Dry Matter, and Grain Yields of Winter Wheat Cultivars. Journal of Plant Nutrition, 1999, 22(9):1433-1441. (In English)
- **CX Hu**, Y. Wang, and W. Wei. Effect of molybdenum application on the free amino

acid composition of winter wheat at different growth stages.《Soil 2000: New Horizons for a New Century—Australian and New Zealand Second Joint Soils Conference》, 2000, Vol.3: 97-98. (In English)

- SUN Xue-Cheng, **HU Cheng-Xiao**, TAN Qi-Ling. Effects of Molybdenum on Antioxdative Defense System and Membrane Lipid Peroxidation in Winter Wheat under Low Temperature Stress. *Journal of Plant Physiology and Molecular Biology*, 2006, 32(2):175-182. (In English)
- **Hu Chengxiao**, Pang Jing, Wei Wenxue, Du Changwen, Wang Yunhua, Chen Hao, Chen Zhiwei. Study on soil molybdenum value as soil dialognosis standard for winter wheat. Plant nutrition and fertilizer science. 1998,4(4):393-398.(In Chinese)
- **Hu Chengxiao,** Wang Yunhua, Li Zhongtang, Tan Qiling, Du Changwen, Wei Wenxue. Effects of N, Mo compound on yield and dry matter of winter wheat. Journal of Huazhong Agricultural University.1999, 18(3): 225-228. (In Chinese)
- **Hu Chengxiao**, Wang Yunhua, Wei Wenxue, Li Zongtang, He Hua, Tan Qiling, Chen Hao. A Study on Molybdenum Distribution in Winter Wheat. Journal of Huazhong Agricultural University. 2000, 19(6):568-572. (In Chinese)
- **Hu Chengxiao**, Wang Yunhua, Tan Qiling, Pang Jing, Wei Wenxue, Chen Hao, Chen Zhiwei. Effect of Molybdenum Nutrition on Inorganic Nitrogen Compounds of Winter Wheat. 2001, 20(2):125-129. (In Chinese)
- **Hu Chengxiao**, Wang Yunhua, Pang Jing, Chen Hao, Wei Wenxue. Study on Molybdenum Absorption and Accumulation of Winter Wheat at Different Stages. Journal of Huazhong Agricultural University. 2001, 20(4):350-353. (In Chinese)
- Pang Jing, **Hu Chengxiao**, Wang Yunhua, Wei Wenxue. The Mechanism of Molybdenum Effects on Carbon Metablism of Winter Wheat in Acid Yellow Brown soil. Journal of Huazhong Agricultural University. 2001, 20(1):33-35. (In Chinese)
- Sun Xuecheng, **Hu Chengxiao**, Wei Wenxue. Effects of Mo fertilizer on Ammonia N Content and Membrane Permeability in Winter Wheat. Journal of China Three Gorges University. 2001(4):381-384. (In Chinese)
- Sun Xuecheng, **Hu Chengxiao**, Wei Wenxue. Effects of Mo Fertilizer on Proline Content and Ascorbic Acid Content in Winter Wheat. Journal of China Three Gorges University. 2001(5):473-476. (In Chinese)
- Sun Xuecheng, **Hu Chengxiao**, Tan Qiling, Wei Wenxue, Wang Yunhua. Effects of

Molybdenum Application on Contents of Free Amino Acid, Soluble Sugar and Protein of Winter Wheat at Different Growth Stages. Journal of Huazhong Agricultural University. 2002,21(1):40-43. (In Chinese)

- **Hu Chengxiao**, Wang Yunhua, Tan Qiling, WEI Wenxue. Effect of molybdenum and nitrogen fertilizers on free amino acid, protein and its amino acid composition of winter wheat grains. Plant Natrition and Fertilizen Science. 2002,8(2):224-228.(In Chinese)
- Yu Min, **Hu Chengxiao**, WangYunhua. Response of Different Winter Wheat Cultivars to Mo Deficiency. Journal of Huazhong Agricultural University. 2003,22(4):360-364. (In Chinese)
- Liu Yong, **Hu Cheng-xiao**, Tan Qi-ling. Effects of molybdenum application on fatty acids and mesophyll cell ultrastructure of winter wheat leaves. Plant Nutrition and Fertilizing Science. 2004,10(1):86-90.(In Chinese)
- YU Min, **HU Chengxiao**, WANG Yunhua. Molybdenum Efficiency in Winter Wheat Cultivars as Related to Molybdenum Uptake and Distribution. Scientia Agricultura Sinica. 2004,37(11):1749-1753.(In Chinese)
- SUN Xue-Cheng, **HU Cheng-Xiao**. Molybdoenzymes and Molybdenum Nutrition in Higher Plants. Plant Physiology Communications. 2005,41(3):395-399.(In Chinese)
- Yu Min, **Hu Chengxiao**, Wang Yunhua. Effect of Mo Deficiency on the Content of Chlorophyll and the Ultrastructure of Chloroplast in Winter Wheat Cultivars. 2005, 24(5):465-469. (In Chinese)
- YU Min, **HU Cheng-xiao**, WANG Yun-Hua. Effect of Molybdenum on the Catabolism of Chlorophyll in Winter Wheat Cultivars. *Journal of Triticeae Crops*. 2006, 26(2):113-116. (In Chinese)
- SUN Xue-cheng; TAN Qi-ling; **HU Cheng-xiao**, GAN Qiao-qiao; YI Chang-cheng. Effects of Molybdenum on Antioxidative Enzymes in Winter Wheat under Low Temperature Stress. *Scientia Agricultura Sinica.* 2006, 39(5):952-959. (In Chinese)
- YU Min, **HU Chengxiao**, WANG Yunhua. Effects of Molybdenum on the Precursors of Chlorophyll Biosynthesis in Winter Wheat Cultivars under Low Temperature. Scientia Agricultura Sinica. 2006, 39(4):702-708. (In Chinese)
- ZHENG Yi-mei, **HU Cheng-xiao**. Relationship between Molybdenum in Food and Human Health. Trace Elements Science. 2005, 12(8):1-4. (In Chinese)