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Education

2019/10-now, Tsinghua University, Department of Earth System Science, Postdoc, supervisor, Zhu Liu

2012/09-2019/10, Tsinghua University, Department of Earth System Science, Ph.D, supervisor, Feng Tian

2009/09-2012/07, Northwest Institute of Eco-Environment and Resources Chinese Academy of Sciences, CAS, Master, supervisor, Yulin Li

2005/09-2009/07, China University of Mining and Technology, Bachelor

Publication

- (1) **Duo Cui**, Feng Tian*, Yuwei Wang, Changshen Li, Chaoqing Yu, Le Yu, On the Growth and Detectability of Land Plants on Habitable Planets around M Dwarfs. *Astrobiology*, 2017, 17(12): 1219-1232.
- (2) **Duo Cui**, Zhu Deng, and Zhu Liu*, China's Non-Fossil Fuel Co2 Emissions from Industrial Processes. *Applied Energy*, 2019, 254: 113537.
- (3) WenLiang Cui, JinSu Zhang, Frederic Schmidt, **Duo Cui**, XiaoMeng Huang, Tong Li, and Feng Tian, Simultaneous Characterization of the Atmospheres, Surfaces, and Exomoons of Nearby Rocky Exoplanets. *Earth and Planetary Physics* 2018, 2, no. 3: 247-56.
- (4) Yulin Li, Chen Jing, Wei Mao, **Duo Cui**, XinYuan Wang, XueYong Zhao, N and P Resorption in a Pioneer Shrub (*Artemisia halodendron*) Inhabiting Severely Desertified Lands of Northern China. *Journal of Arid Land*, 2014, 6(2): 174-185.
- (5) Wei Mao, Yulin Li*, **Duo Cui**, Xueyong Zhao, Tonghui Zhang, Yongqiang Li, Biomass Allocation Response of Species with Different Life History Strategies to Nitrogen and Water Addition in Sandy Grassland in Inner Mongolia. *Chinese Journal of Plant Ecology*, 2014, 38(2): 125-133.
- (6) Xinyuan Wang, Xueyong Zhao*, Yulin Li, Xiaolan Zuo, **Duo Cui**, Hao Qu, Jie Lian, Responses of Soil Respiration to Simulated Precipitation and Nitrogen,

Phosphorus Additions in Horqin Sandy Land of Northeastern China[J]. Fresen Environ Bull, 2013, 22(5): 1463-1471.

(7) Yulin Li, **Duo Cui**, Jing Chen, Wei Mao, Xueyong Zhao, Divergence of Nitrogen Resorption Efficiency of Dominant Perennial Plants in Horqin Sandy Grassland, Journal of Desert Research, 2013, 33(3): 688-695.

(8) **Duo Cui**, Yulin Li*, Xinyuan Wang, Xueyong Zhao, Tonghui Zhang, Spatial Distribution of Aboveground Biomass of Grassland in Desert and Desertified Regions in Northern China, Journal of Desert Research, 2011, 31(4): 868-872.