

Daobo Li

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EDUCATION:

B. Sc. Shandong University, China 2005-2009

Ph.D. University of Science and Technology of China 2009-2014

ACADEMIC POSITIONS:

2019-present assistant researcher, Guangdong Institute of Microbiology

2014-2019 Postdoc, University of Science and Technology of China

AREAS OF RESEARCH INTEREST:

Redox biochemistry of bacteria

Interfacial chemistry between bacteria and environment



Research Grants (last 3 years):

- Natural Scientific Foundation of China, molecular composition and operating mechanism of the extracellular electron transfer network in electroactive microbial aggregates, 2016-2018, RMB 210 k (PI)

Honors & Awards

Representative publications (selected from 170 papers)

1. Dao-Bo Li^{*}, Yuan-Yuan Cheng^{*}, Chao Wu, Wen-Wei Li, Na Li, Zong-Chuang Yang, Zhong-Hua Tong & Han-Qing Yu, Selenite reduction by *Shewanella oneidensis* MR-1 is mediated by fumarate reductase in periplasm. *Scientific Reports*, 2014, 4: 3735. (^{*}These authors contributed equally.)
2. Dao-Bo Li, Yuan-Yuan Cheng, Ling-Li Li, Wen-Wei Li, Yu-Xi Huang, Dan-Ni Pei, Zhong-Hua Tong, Yang Mu and Han-Qing Yu, Light-driven microbial dissimilatory electron transfer to hematite. *Physical Chemistry Chemical Physics*, 2014, **16**: 23003-23011. DOI: 10.1039/c4cp04065a.
3. Dao-Bo Li, Yu-Xi Huang, Jie Li, Ling-Li Li, Li-Jiao Tian, Han-Qing Yu, Electrochemical activities of *Geobacter* biofilms growing on electrodes with various potentials. *Electrochimica Acta*, 2017, 225: 452-457.
4. Dao-Bo Li, Jie Li, Dong-Feng Liu, Xin Ma, Lei Cheng, Wen-Wei Li, Chen Qian, Yang Mu, Han-Qing Yu, Potential regulates metabolism and extracellular respiration of electroactive *Geobacter* biofilm. *Biotechnology and Bioengineering*, 2019, in press, DOI: 10.1002/bit.26928.