

Academic Staff Resume

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Title: Postdoc

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Academic Qualification:

Ph.D. in Jilin University

Master in Jilin University

Bachelor in Jilin University

Research Area

Chang'e-3 and Chang'e-4 LPR forward simulation, data processing and geological interpretation;
Forward simulation, data processing and geological interpretation of Tianwen-1 Mars radar;
Research on ground penetrating radar methodology.

Academic Publication

Journal Articles:

1. Zhang Ling, Li Jing, Zeng ZhaoFa, Xu Yi, Liu Cai, Chen Shengbo. Stratigraphy of the Von Kármán Crater Based on Chang'E - 4 Lunar Penetrating Radar Data. Geophysical Research Letters. Volume: 47, Issue:15. Article number: e2020GL088680. DOI: 10.1029/2020GL088680.
2. Zhang Ling, Hu Bin, Jia Zhuo, Xu Yi, Huang L, The Subsurface Structure on the CE-3 Landing Site: LPR CH-1 Data Processing by Shearlet Transform. Pure and Applied Geophysics, 2020,177: 3459–3474. DOI: 10.1007/s00024-020-02417-z.
3. Zhang Ling, Zeng Zhao Fa, Li Jing, Huang Ling, Huo Zhi Jun, Wang Kun, Zhang Jian Min. A Story of Regolith Told by Lunar Penetrating Radar[J]. Icarus. 2019, 321:148-160. DOI: 10.1016/j.icarus.2018.11.006.
4. Zhang Ling, Zeng Zhao Fa, Li Jing, Lin Jing Yi, Hu Ying Sa, Wang Xue Gang, Sun Xiao Dong. Simulation of the Lunar Regolith and Lunar Penetrating Radar Data Processing. IEEE Journal of Selected Topics in Applied Earth Observations & Remote Sensing, 2018, 11(2):655-663. DOI: 10.1109/JSTARS.2017.2786476.

Conference Papers:

Zhang L, Zeng Z F, Li J, Lin J Y, Hu Z P, Zhang J M. Lunar Penetrating Radar Data Processing and Analysis Based on CEEMD[C]. International Conference on Ground Penetrating Radar. IEEE, 2018.

Zhang L, Zeng Z F, Li J, Lin J Y. Study on regolith modeling and lunar penetrating radar simulation[C]. International Conference on Ground Penetrating Radar. IEEE, 2016.