

Academic Staff Resume

Name: Shaolin Li

Title: Assistant Professor

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Academic Qualification:

Ph.D. in Purple Mountain Observatory, Chinese Academy of Sciences

Master in China University of Geosciences (Wuhan)

Bachelor in China University of Geosciences (Wuhan)

Teaching Area

Research Area

1. Mineralogy, petrology and geochemistry of lunar samples
2. Mineralogical and chronological records of impacts in asteroidal meteorites

Working Experience

Sep 19– Assistant professor, State Key Laboratory of Lunar and Planetary Sciences, Macau University of Science and Technology

Jul 17–Jun 19 Postdoctoral fellow, School of Astronomy and Space Science, Nanjing University

Research Projects

1. Basaltic fragments in lunar feldspathic meteorites: An implication for lateral heterogeneity in maria-forming volcanic activity. China Postdoctoral Science Foundation, PI.
2. In situ U-Pb systematics of lunar meteorites: Implications for the formation and evolution of lunar crust. National Natural Science Foundation of China, participating.
3. Impact history of the L-chondrite parent body. National Natural Science Foundation of China, participating.
4. Geochemical studies of ChangE-5 lunar samples. Macau FDCT, participating.

Professional Certification and Awards

Professional Society Membership

Academic Publication

Journal Articles:

1. Li S.-L. and Hsu W.-B. (2014) New dense meteorite collection areas were found in Lop Nur, Xinjiang (in Chinese). *Chinese Science Bulletin* 59, 2091–2097.
2. Li S.-L. and Hsu W.-B. (2015) Petrography and mineralogy of 18 newly recovered ordinary chondrites in China (in Chinese). *Acta Astronomica Sinica* 56(3), 201–217.
3. Zhu Y., Zhou H.-W, Li S.-L., et. al., (2015) Late Paleoproterozoic crustal anatexis and its tectonic significance: Evidence from petrology and zircon U-Pb ages of migmatite from Xiaojinling area, west Henan (in Chinese). *Earth Science—Journal of China University of*
4. Li S.-L., Hsu W.-B., Guan Y.-B., Wang L.-Y., and Wang Y. (2016) Petrogenesis of the Northwest Africa 4898 high-Al mare basalt. *Meteoritics & Planetary Science* 51(7), 1268–1288.
5. Yang, Y.-Z., Zhang, H., Wang, Z.-W., Yuan, Y., Li, S.-L., Hsu, W.-B. and Liu, C.-J. (2017) Optical spectroscopic characterizations of laser irradiated olivine grains. *Astronomy &*
6. Li S.-L. and Hsu W.-B. (2018a) Dating the high-pressure phosphate in shock melt veins of Suizhou L6 chondrite. *American Mineralogist* 103(11), 1789–1799.
7. Li S.-L. and Hsu W.-B. (2018b) The nature of the L chondrite parent body's disruption as deduced from high-pressure phases in the Sixiangkou L6 chondrite. *Meteoritics & Planetary*
8. Cai W., Li S.-L., Lu Y. et. al., (2018) Study on basalt mineral composition of Mare Serenitatis (in Chinese). *Acta Astronomica Sinica*, 59(06), 3–14.
9. Hu X.-Y., Chen Y., Zhang X.-Y, Li S.-L., et. al., (2018) The thickness and scale of late-stage basalts in Oceanus Procellarum (in Chinese). *Acta Astronomica Sinica* 59(02), 17–32.

Books & Book Chapters:

Conference Papers:

1. Hsu W.-B., Guan Y.-B, Li S.-L. and Wang Y. (2011) REE microdistributions in NWA 4898: A high-Al mare basalt. *Meteoritics & Planetary Science* 46, A103.
2. Hsu W.-B. and Li S.-L. (2014) Meteorites from northwest of China. *Meteoritics & Planetary Science* 49, A174
3. Li S.-L. and Hsu W.-B. (2016) U-Pb dating of the shock melt veins in two L6 chondrites. *Meteoritics & Planetary Science* 51, A265
4. Li S.-L. and Hsu W.-B. (2016) Petrogenesis of lunar high-Al basalt NWA 4898 (in Chinese). 16th Chinese Society for Mineralogy Petrology and Geochemistry Conference.
5. Li S.-L. and Hsu W.-B. (2017) The effects of shock metamorphism on the U-Pb systematics of apatite (in Chinese). 11st National Symposium on Isotopic Geochronology and Geochemistry.
6. Li S.-L. and Hsu W.-B. (2019a) Mineralogy and in situ Pb–Pb dating of silicate inclusions in Miles (IIE). *Meteoritics & Planetary Science* 54(S1), A245.
7. Li S.-L. and Hsu W.-B. (2019b) The relationship between shock-induced phase transformation and isotopic resetting: Insights from Pb isotopic systematics of phosphates in L chondrites. *Meteoritics & Planetary Science* 54(S1), A246.