

Review of lunar water studies and the implication to future exploration program.

*Ko Hashizume¹, Wataru Fujiya², Junichi Haruyama³, Chihiro Yamanaka¹

1.Graduate School of Science, Osaka University, 2.Faculty of Science, Ibaraki University,
3.JAXA-ISAS

Recent geochemical studies on water isotopes trapped in lunar rock samples are reviewed. From the results of the studies, including the problems recently recognized, we discuss how to maximize the performance in future lunar exploration program, particularly in sample return missions.

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