

- Stöffler, D., Ryder, G., Ivanov, B.A., Artemieva, N.A., Cintala, M.J., Grieve, R.A., 2006. Cratering history and lunar chronology. *Rev. Min. Geochem.* 60, 519–596.
- Tanaka, K.L., 1986. The stratigraphy of Mars. *Proc. 17th Lunar and Planet. Sci. Conf. J. Geophys. Res.* 91, E139–E158.
- Tanaka, K.L., Skinner, J.A., Hare, T.M., 2005. Geologic map of the northern plains of Mars, U.S. Geological Survey Scientific Investigations Map 2888.
- Tera, F., Papanastassiou, D.A., Wasserburg, G.J., 1974. Isotopic evidence for a terminal lunar cataclysm. *Earth Planet. Sci. Lett.* 22, 1–21.
- Toon, O.B., Pollack, J.B., Ward, W., Burns, J.A., Bilski, K., 1980. The astronomical theory of climate change on Mars. *Icarus* 44, 552–607.
- Weitz, C.M., Parker, T.J., 2000. New evidence that the Valles Marineris interior deposits formed in standing bodies of water, LPSC XXXI, Abstract 1693
- Wilhelms, D.E., Squyres, S.W., 1984. The Martian hemispheric dichotomy may be due to a giant impact. *Nature* 309, 138–140.
- Wise, D.U., Golombek, M.P., McGill, G.E., 1979. Tectonic evolution of Mars. *J. Geophys. Res.* 84, 7934–7939.
- Wiseman, S.M., et al., 2007. Initial analyses of CRISM data over Meridiani Planum, LPSC XXXVIII, abstract 1945
- Zahnle, K.J., Kasting, J.F., Pollack, J.B., 1988. Evolution of a steam atmosphere during Earth's accretion. *Icarus* 74, 62–97.
- Zhong, S., Zuber, M.T., 2001. Degree-1 mantle convection and the crustal dichotomy on Mars. *Earth Planet. Sci. Lett.* 189, 75–84.
- Zolotov, M.Yu., Mironenko, M.V., 2008. Formation and fate of phyllosilicates on the surface of Mars: Geochemical modeling of aqueous weathering, LPSC XXXIX, Abstract 3365.
- Zuber, M.T., Solomon, S.C., Phillips, R.J., Smith, D.E., Tyler, L., Aharonson, O., et al., 2000. Internal structure and early thermal evolution of Mars from Mars Global Surveyor topography and gravity. *Science* 287, 1788–1792.