

- Head, J. W. (1979), Serenitatis multi-ringed basin: Regional geology and basin ring interpretation, *Moon Planets*, 21, 439–462, doi:10.1007/BF00897836.
- Head, J. W., C. I. Fassett, S. J. Kadish, D. E. Smith, M. T. Zuber, G. A. Neumann, and E. Mazarico (2010), Global distribution of large lunar craters: Implications for resurfacing and impactor populations, *Science*, 329, 1504–1507, doi:10.1126/science.1195050.
- Joliff, B. L., C. K. Shearer, D. A. Papanastassiou, L. Alkalai, and the Moon-Rise Team (2010), Moonrise: South Pole-Aitken Basin sample return mission for solar system science, Abstract 3072 presented at Annual Meeting of the Lunar Exploration Analysis Group, Lunar Planet. Inst., Washington, D. C., 14–16 Sept.
- Kadish, S. J., C. I. Fassett, J. W. Head, D. E. Smith, M. T. Zuber, G. A. Neumann, and E. Mazarico (2011), A global catalog of large lunar crater (≥ 20 km) from the Lunar Orbiter Laser Altimeter, *Lunar Planet. Sci.*, XLII, Abstract 1006.
- Kneissl, T., S. van Gassel, and G. Neukum (2011), Map-projection-independent crater size-frequency determination in GIS environments: New software tool for ArcGIS, *Planet. Space Sci.*, 59, 1243–1254, doi:10.1016/j.pss.2010.03.015.
- Lucchita, B. K. (1978), Geologic map of the north side of the Moon, *U.S. Geol. Surv. Map*, I-1062.
- Marchi, S., S. Mottola, G. Cremonese, M. Massironi, and E. Martellato (2009), A new chronology for the Moon and Mercury, *Astron. J.*, 137, 4936–4948, doi:10.1088/0004-6256/137/6/4936.
- Marcus, A. H. (1970), Comparison of equilibrium size distributions for lunar craters, *J. Geophys. Res.*, 75, 4977–4984, doi:10.1029/JB075i026p04977.
- Morbidelli, A., and D. Vokrouhlický (2003), The Yarkovsky-driven origin of near-Earth asteroids, *Icarus*, 163, 120–134, doi:10.1016/S0019-1035(03)00047-2.
- Mutch, T. A. (1972), *Geology of the Moon: A Stratigraphic View*, Princeton Univ. Press, Princeton, N. J.
- Neukum, G. (1983), Meteoritenbombardement und Datierung planetarer Oberflächen. Habilitation diss. for faculty membership, 186 pp., Univ. of Munich, Munich, Germany.
- Neukum, G., and B. A. Ivanov (1994), Crater size distributions and impact probabilities on Earth from lunar, terrestrial-planet, and asteroid cratering data, in *Hazards Due to Comets and Asteroids*, edited by T. Gehrels, M. S. Matthews, and A. Schumann, pp. 359–416, Univ. of Ariz. Press, Tucson.
- Neukum, G., B. A. Ivanov, and W. K. Hartmann (2001), Cratering records in the inner solar system in relation to the lunar reference system, *Space Sci. Rev.*, 96, 55–86, doi:10.1023/A:1011989004263.
- Norman, M. D. (2009), The lunar cataclysm: Reality or “mythconception”?, *Elements*, 5, 23–28, doi:10.2113/gselements.5.1.23.
- Petro, N. E., S. C. Mest, and Y. Teich (2011), Geomorphic terrains and evidence for ancient volcanism within northeastern South Pole-Aitken basin, *Spec. Pap. Geol. Soc. Am.*, 477, 129–140, doi:10.1130/2011.2477(06).
- Richardson, J. E. (2009), Cratering saturation and equilibrium: A new model looks at an old problem, *Icarus*, 204, 697–715, doi:10.1016/j.icarus.2009.07.029.
- Scott, D. H., J. F. McCauley, and M. N. West (1977), Geologic map of the west side of the Moon, *U.S. Geol. Surv. Map*, I-1034.
- Shoemaker, E. M., and R. J. Hackman (1962), Stratigraphic basis for a lunar time scale, in *The Moon*, edited by Z. Kopal and Z. K. Mikhailov, pp. 289–300, Academic, San Diego, Calif.
- Smith, D. E., et al. (2010), The Lunar Orbiter Laser Altimeter investigation on the Lunar Reconnaissance Orbiter mission, *Space Sci. Rev.*, 150, 209–241, doi:10.1007/s11214-009-9512-y.
- Spudis, P. D., J. J. Gillis, and R. A. Reisse (1994), Ancient multiringed basins on the Moon revealed by Clementine laser altimetry, *Science*, 266, 1848–1851, doi:10.1126/science.266.5192.1848.
- Spudis, P. D., D. E. Wilhelms, and M. S. Robinson (2011), The Sculptured Hills of the Taurus Highlands: Implications for the relative age of Serenitatis, basin chronologies and the cratering history of the Moon, *J. Geophys. Res.*, 116, E00H03, doi:10.1029/2011JE003903.
- Stöffler, D., G. Ryder, B. A. Ivanov, N. A. Artemieva, M. J. Cintala, and R. A. F. Grieve (2006), Cratering history and lunar chronology, *Rev. Mineral. Geochem.*, 60, 519–596, doi:10.2138/rmg.2006.60.05.
- Strom, R. G. (1977), Origin and relative age of lunar and Mercurian intercrater plains, *Phys. Earth Planet. Inter.*, 15, 156–172, doi:10.1016/0031-9201(77)90028-0.
- Strom, R. G. (1987), The solar system cratering record: Voyager 2 results at Uranus and implications for the origin of impacting objects, *Icarus*, 70, 517–535, doi:10.1016/0019-1035(87)90093-5.
- Strom, R. G., R. Malhotra, T. Ito, F. Yoshida, and D. A. Kring (2005), The origin of planetary impactors in the inner solar system, *Science*, 309, 1847–1850, doi:10.1126/science.1113544.
- Stuart-Alexander, D. E. (1978), Geologic map of the central far side of the Moon, *U.S. Geol. Surv. Map*, I-1047.
- Stuart-Alexander, D. E., and K. A. Howard (1970), Lunar maria and circular basins: A review, *Icarus*, 12, 440–456, doi:10.1016/0019-1035(70)90013-8.
- Tera, F., D. A. Papanastassiou, and G. J. Wasserburg (1974), Isotopic evidence for a terminal lunar cataclysm, *Earth Planet. Sci. Lett.*, 22, 1–21, doi:10.1016/0012-821X(74)90059-4.
- Werner, S. C. (2008), The early Martian evolution: Constraints from basin formation ages, *Icarus*, 195, 45–60, doi:10.1016/j.icarus.2007.12.008.
- Whitaker, E. A., and R. G. Strom (1976), Populations of impacting bodies in the inner solar system, *Proc. Lunar Sci. Conf.*, 7th, 933–934.
- Wilhelms, D. E. (1976), Secondary impact craters of lunar basins, *Proc. Lunar Sci. Conf.*, 7th, 2883–2901.
- Wilhelms, D. E. (1987), *The Geologic History of the Moon*, USGS Prof. Pap. 1348.
- Wilhelms, D. E., and F. El-Baz (1977), Geologic map of the east side of the Moon, *U.S. Geol. Surv. Map*, I-946.
- Wilhelms, D. E., and J. F. McCauley (1971), Geologic map of the near side of the Moon, *U.S. Geol. Surv. Map*, I-703.
- Wilhelms, D. E., V. R. Oberbeck, and H. R. Aggarwal (1978), Size-frequency distributions of primary and secondary lunar impact craters, *Proc. Lunar Planet. Sci. Conf.*, 9th, 3735–3762.
- Wilhelms, D. E., K. A. Howard, and H. G. Wilshire (1979), Geologic map of the south side of the Moon, *U.S. Geol. Surv. Map*, I-1192.
- Woronow, A., R. Strom, and M. Gurnis (1982), Interpreting the cratering record: Mercury to Ganymede and Callisto, in *Satellites of Jupiter*, edited by D. Morrison and M. Matthews, pp. 237–276, Univ. of Ariz. Press, Tucson.

C. I. Fassett, Department of Astronomy, Mount Holyoke College, South Hadley, MA 01075, USA. (cfassett@mtholyoke.edu)

J. W. Head and S. J. Kadish, Department of Geological Sciences, Brown University, Providence, RI 02912, USA.

E. Mazarico, G. A. Neumann, and D. E. Smith, Solar System Exploration Division, NASA Goddard Space Flight Center, Greenbelt, MD 20771, USA.

M. T. Zuber, Department of Earth, Atmospheric, and Planetary Sciences, Massachusetts Institute of Technology, Cambridge, MA 02139, USA.