

2010 References

1. Bindeman, I. N., Leonov, V. L., Izbekov, P. E., Ponomareva, V. V., Watts, K. E., Shipley, N. K., . . . Chen, C. H. (2010). Large-volume silicic volcanism in Kamchatka: Ar-Ar and U-Pb ages, isotopic, and geochemical characteristics of major pre-Holocene caldera-forming eruptions. *Journal of Volcanology and Geothermal Research*, 189, 57–80. doi:10.1016/j.jvolgeores.2009.10.009
2. Bullock, E. S., McKeegan, K. D., Gounelle, M., Grady, M. M., & Russell, S. S. (2010). Sulfur isotopic composition of Fe–Ni sulfide grains in CI and CM carbonaceous chondrites. *Meteor. Planet. Sci.*, 45, 885–898. doi:10.1111/j.1945-5100.2010.01052.x
3. Chamberlain, K. R., Schmitt, A. K., Swapp, S. M., Harrison, T. M., N.Swoboda-Colberg, W.Bleeker, . . . Khudoley, A. K. (2010). In situ U-Pb SIMS (IN-SIMS) micro-baddeleyite dating of mafic rocks: Method with examples. *Precambrian Research*, 183, 379–387. doi:10.1016/j.precamres.2010.05.004
4. Cooper, F. J., Platt, J. P., Platzman, E. S., Grove, M. J., & Seward, G. (2010). Opposing shear senses in a subdetachment mylonite zone: Implications for core complex mechanics. *Tectonics*, 29. doi:10.1029/2009TC002632
5. Godbout, L., Trudel, M., Irvine, J. R., Wood, C. C., Grove, M. J., Schmitt, A. K., & McKeegan, K. D. (2010). Sulfur isotopes in otoliths allow discrimination of anadromous and non–anadromous ecotypes of sockeye salmon (*Oncorhynchus nerka*). *Environmental Biology of Fishes*, 89, 521–532. doi:10.1016/j.revpalbo.2011.01.006
6. Harrison, T. M., Heizler, M. T., McKeegan, K. D., & Schmitt, A. K. (2010). In situ 40K–40Ca 'double-plus' SIMS dating resolves Klokken feldspar 40K–40Ar paradox. *Earth Planet. Sci. Lett.*, 299, 426–433. doi:10.1016/j.epsl.2010.09.023
7. Hietpas, J., Samson, S., Moecher, D., & Schmitt, A. K. (2010). Recovering tectonic events from the sedimentary record: Detrital monazite plays in high fidelity. *Jour. Petrol.*, 38, 167–170. doi:10.1130/G30265.1
8. Hopkins, M. D., Harrison, T. M., & Manning, C. E. (2010). Constraints on Hadean geodynamics from mineral inclusions in >4 Ga zircons. *Earth Planet. Sci. Lett.*, 298, 367–376. doi:10.1016/j.epsl.2010.08.010
9. J.E.P. Matzel, D. J., & MacPherson, G. J. (2010). Constraints on the Formation Age of Cometary Material from the NASA Stardust Mission. *Science*, 328, 483–486. doi:10.1126/science.1184741

10. Sample, J. (2010). Stable isotope constraints on vein formation and fluid evolution along a recent thrust fault in the Cascadia accretionary wedge. *Earth Planet. Sci. Lett.*, *293*, 300–312. doi:10.1016/j.epsl.2010.02.044
11. Schmitt, A. K., Chamberlain, K. R., Swapp, S. M., & Harrison, T. M. (2010). In situ U–Pb dating of micro-baddeleyite by secondary ion mass spectrometry. *Chem. Geol.*, *269*, 386–395. doi:10.1016/j.chemgeo.2009.10.013
12. Schmitt, A. K., Stockli, D. F., Lindsay, J. M., Robertson, R., Lovera, O. M., & Kislitsyn, R. (2010). Episodic growth and homogenization of plutonic roots in arc volcanoes from combined U–Th and (U–Th)/He zircon dating. *Earth Planet. Sci. Lett.*, *295*, 91–103. doi:10.1016/j.epsl.2010.03.028
13. Schmitt, A. K., Stockli, D. F., Niedermann, S., Lovera, O. M., & Hausback, B. P. (2010). Eruption ages of Las Tres Vírgenes volcano (Baja California): A tale of two helium isotopes. *Quat. Geochronol.*, *5*, 503–511. doi:10.1016/j.quageo.2010.02.004
14. Schmitt, A. K., Wetzel, F., Cooper, K. M., Zou, H., & Wörner, G. (2010). Magmatic Longevity of Laacher See Volcano (Eifel, Germany) Indicated by U–Th Dating of Intrusive Carbonatites. *Jour. Petrol.*, *51*, 1053–1085. doi:10.1093/petrology/egq011
15. Sharp, Z. D., Shearer, C. K., McKeegan, K. D., Barnes, J. D., & Wang, Y. Q. (2010, August). The Chlorine Isotope Composition of the Moon and Implications for an Anhydrous Mantle. *Science*, *329*, 1050–1053. doi:10.1126/science.1192606
16. Wetzel, F., Schmitt, A. K., Kronz, A., & Wörner, G. (2010). In situ ^{238}U – ^{230}Th disequilibrium dating of pyrochlore at sub–millennial precision. *Am. Min.*, *95*, 1353–1356. doi:10.2138/am.2010.3441
17. Yin, A., Dubey, C. S., Kelty, T. K., Webb, A. A., Harrison, T. M., Chou, C. Y., & Celerier, J. (2010). Geologic correlation of the Himalayan orogen and Indian craton: Part 2. Structural geology, geochronology, and tectonic evolution of the Eastern Himalaya. *Geol. Soc. Am. Bull.*, *122*, 360–395. doi:10.1130/B26461.1
18. Yin, A., Dubey, C. S., Webb, A. A., Kelty, T. K., Grove, M., Gehrels, G. E., & Burgess, W. P. (2010). Geologic correlation of the Himalayan orogen and Indian craton: Part 1. Structural geology, U–Pb zircon geochronology, and tectonic evolution of the Shillong Plateau and its neighboring regions in NE India. *Geol. Soc. Am. Bull.*, *122*, 336–359. doi:10.1130/B26460.1
19. Zou, H., & Fan, Q. (2010). U–Th isotopes in Hainan basalts: Implications for sub–asthenospheric origin of EM2 mantle endmember and the dynamics of melting beneath Hainan Island. *Lithos*, *116*, 145–152. doi:10.1016/j.lithos.2010.01.010
20. Zou, H., Fan, Q., & Zhang, H. (2010). Rapid development of the great Millennium eruption of Changbaishan (Tianchi) Volcano, China/North Korea: Evidence from U–Th zircon dating. *Lithos*, *119*, 289–296. doi:10.1016/j.lithos.2010.07.006

21. Zou, H., Fan, Q., Schmitt, A. K., & Sui, J. (2010). U-Th dating of zircons from Holocene potassic andesites (Maanshan volcano, Tengchong, SE Tibetan Plateau) by depth profiling: Time scales and nature of magma storage. *Lithos*, *118*, 202–210. doi:10.1016/j.lithos.2010.05.001