

2020 References

1. Aleon J., P. B.-M., & Brisset, F. (2020). Alkali magmatism on a carbonaceous chondrite planetesimal. *Proceedings of the National Academy of Sciences USA*, *117*, 8353–8359. doi:<https://doi.org/10.1073/pnas.1919550117>
2. Ashtiani, H. J., & Sobel, E. (2020). Geochronology and geochemistry of subducted Cadomian continental basement in central Iran: Decompressional anatexis along the Jurassic Neotethys margin. *Gondwana Research*, *82*, 354–366. doi:<https://doi.org/10.1016/j.gr.2020.01.005>
3. Borlina C. S., L. E., & Maloof A., C. (2020). Reevaluating the evidence for a Hadean-Eoarchean dynamo. *Science Advances*, *6*. doi:10.1126/sciadv.aav9634
4. Borrelli C., L. M., & Panieri, G. (2020). The benthic foraminiferal $\delta^{34}\text{S}$ records flux and timing of paleo methane emissions. *Scientific Reports*, *10*. doi:10.1038/s41598-020-58353-4
5. Brennan D. T., L. P., & Chamberlain K., R. (2020). Neoproterozoic Windermere Supergroup near Bayhorse, Idaho: late-stage Rodinian rifting was deflected west around the Belt basin. *Tectonics*, *39*. doi:<https://doi.org/10.1029/2020TC006145>
6. Busby C., L. M., & Brown, S. (2020). Volcanic record of the arc-to-rift transition onshore of the Guaymas basin in the Santa Rosalía area, Gulf of California, Baja California. *Geosphere*, *16*. doi:doi.org/10.1130/GES02094.1
7. Catlos, E. J., Perez, T. J., Lovera, O. M., Dubey, C. S., Schmitt, A. K., & Etzel, T. M. (2020). High-resolution P-T-time paths across Himalayan faults exposed along the Bhagirathi transect NW India: Implications for the construction of the Himalayan orogen and ongoing deformation. *Geochemistry, Geophysics, Geosystems*, *21*. doi:<https://doi.org/10.1029/2020GC009353>
8. Chowdhury, D. B. (2020b). Boron partitioning between zircon and melt: Insights into Hadean, modern arc, and pegmatitic settings. *Chemical Geology*, *551*. doi:<https://doi.org/10.1016/j.chemgeo.2020.119763>
9. Crow C. A., M. K., & Gilmour, J. D. (2020). Xenon systematics of individual lunar zircons, a new window on the history of the lunar surface. *Geochimica et Cosmochimica Acta*. doi:<https://doi.org/10.1016/j.gca.2020.06.019>
10. Dunham E. T., D. S., & Hervig R., L. (2020). Best Practices for Determination of Initial $^{10}\text{Be}/^{9}\text{Be}$ in Early Solar System Materials by SIMS. *Geostandards and Geoanalytical Research*. doi:<https://doi.org/10.1111/ggr.12329>
11. Etzel, T. M., Catlos, E. J., Cemen, I., Ozerdem, C., Oyman, T., & Miggins, D. (2020). Documenting exhumation in the central and northern Menderes Massif (western Turkey): New insights from

- garnet-based P-T estimates and K-feldspar $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. *Geochimica et Cosmochimica Acta*, 2020. doi:<https://doi.org/10.2113/2020/8818289>
12. Greer J., C. N., & Mojzsis S., J. (2020a). Widespread poly-metamorphosed Archean granitoid gneisses and supracrustal enclaves of the southern Inukjuak Domain, Québec (Canada). *Lithos*, 364–365. doi:<https://doi.org/10.1016/j.lithos.2020.105520>
 13. Greer, J. C., Cates, N. L., Caro, G., Bleeker, W., Kelly, N. M., & Mojzsis, S. J. (2020b). Polyphase Archean granitoid gneisses and supracrustal enclaves of the southern Inukjuak Domain, Quebec (Canada). *Lithos*, 364-365. doi:<https://doi.org/10.1016/j.lithos.2020.105520>
 14. Han J., L. M., & Simon J., I. (2020c). A coordinated microstructural and isotopic study of a Wark-Lovering rim on a Vigarano CAI. *Geochemica et Cosmochimica Acta*, 269, 639–660. doi:[10.1016/j.gca.2019.10.042](https://doi.org/10.1016/j.gca.2019.10.042)
 15. Han, J., Keller, L. P., Liu, M.-C., Needham, A. W., & Simon, J. I. (2020). Microstructural and Isotopic Constraints on WL Rim Formation. doi:<https://ntrs.nasa.gov/citations/20200001784>
 16. Han, J., Liu, M.-C., Matsuda, N., Park, C., & Keller, L. P. (2020). Mg Isotopic Compositions of Fine-Grained Ca-Al-Rich Inclusions from Reduced CV3 Chondrites and Implications on the Timescale of Nebular Condensation. doi:<https://ntrs.nasa.gov/citations/20200001783>
 17. Harrison, T. M. (2020). Hadean Earth. *Springer International Publishing*, 1–291. Retrieved from <https://www.springer.com/gp/book/9783030466862>
 18. Khudoley, A. K., Prokopyev, A. V., Chamberlain, K. R., Savlev, A. D., Ernst, R. E., Malyshev, S. V., . . . Lebedeva, O. Y. (2020). Late Ordovician Mafic Magmatic Event, Southeast Siberia: Tectonic Implications, LIP Interpretation, and Potential Link with a Mass Extinction. *Minerals*, 10. doi:<https://doi.org/10.3390/min10121108>
 19. McCain K. A., L. M., & McKeegan K., D. (2020). Calibration of matrix-dependent biases in isotope and trace element analyses of carbonate minerals. *Journal of Vacuum Science & Technology B*, 38. doi:<https://doi.org/10.1116/6.0000111>
 20. Morrison, P., & Mojzsis, S. J. (2020). Tracing the early emergence of microbial sulfur metabolisms. *Geomicrobiology Journal*, 38, 66–86. doi:<https://doi.org/10.1080/01490451.2020.1812773>
 21. Trail, B. M., & McKeegan, K. D. (2020). Evidence for diverse lunar melt compositions and mixing of the pre-3.9 Ga crust from zircon chemistry. *Geochimica et Cosmochimica Acta*. doi:<https://doi.org/10.1016/j.gca.2020.06.018>
 22. Watts K., E., & Mercer C., N. (2020). Zircon-hosted melt inclusion record of silicic magmatism in the Mesoproterozoic St. Francois Mountains terrane, Missouri: Origin of the Pea Ridge iron oxide-apatite-rare earth element deposit and implications for regional crustal pathways of mineralization. *Geochimica et Cosmochimica Acta*, 272, 54–77. doi:<https://doi.org/10.1016/j.gca.2019.12.032>

23. Zou, H., Guo, Z., Peng, Y., Schmitt, A. K., Fan, Q., Zhao, Y., & Ma, M. (2020a). U-series ages of young volcanoes from the Southeastern Tibetan Plateau: Holocene eruptions and magma evolution timescales. *Lithos*, 370-371, 54–77. doi:<https://doi.org/10.1016/j.lithos.2020.105643>
24. Zou, H., Vazquez, J., & Fan, Q. (2020b). Timescales of magmatic processes in post-collisional potassic lavas, northwestern Tibet. *Lithos*, 358-359. doi:<https://doi.org/10.1016/j.lithos.2020.105418>