

LIST OF PUBLICATIONS

PEER REVIEW JOURNALS

Manuscripts in preparation

Wang, D., Vervoort, J.D., Fisher, C.M., Lewis, R.S. and Buddington, A.M., Clearwater block: a distinct Archean terrane in NW Laurentia? to be submitted to *GSA Bulletin*

Wang., D., Fisher, C.M., Vervoort, J.D., Cao, H. and Salerno, A.S, Using Nd isotopes in titanite to track the partial melting in ultra-high pressure system, to be submitted to *Geology*

Submitted and published papers

Wang., D., Fisher, C.M., Vervoort, J.D. and Cao, H., in review, Nd isotope disequilibrium among metamorphic chronometers (garnet, monazite) and its use in tracing crustal melting, *Earth and Planetary Science Letter*

Wang., D., Vervoort, J.D., Fisher, C.M., Cao, H. and Li, G., in review, Integrated garnet and zircon-titanite geochronology constrains the evolution of ultra-high pressure terranes: an example from the Sulu orogen, *Journal of Metamorphic Geology*

Yan, T., Zhang, X., **Wang, D.**, Yang, Z., Accepted, Geochronology, mineralogy and geochemistry of the Late Triassic Xiuwacu biotite granite in the southern Yidun Terrane, southwest China: Insights into the petrogenesis and magmatic fertility, *Geological Journal*.

Yang, L.Q., Deng, J., Gao, X., He, W.Y., Meng, J.Y., Santosh, M., Yu, H.J., Yang, Z. and **Wang, D.**, 2017. Timing of formation and origin of the Tongchanggou porphyry-skarn deposit: Implications for Late Cretaceous Mo-Cu metallogenesis in the southern Yidun Terrane, SE Tibetan Plateau. *Ore Geology Reviews*, 81, pp.1015-1032.

Buddington, A.M., **Wang, D.** and Doughty, P.T, 2016, Pre-Belt Basement Tour: Late Archean-Early Proterozoic Rocks of the Cougar Gulch Area, Southern Priest River Complex, *Field Guides*, 41, 265-284.

Yang, L., Deng, J., Dilek, Y., Meng, J., Gao, X., Santosh, X., **Wang, D.** and Yan, H., 2016, Melt source and evolution of I-type granitoids in the SE Tibetan Plateau: Late Cretaceous magmatism and mineralization driven by collision-induced transtensional tectonics: *Lithos*, 245, 258-273.

TALKS AND CONFERENCE ABSTRACTS

Wang., D., Vervoort, J.D., Fisher, C.M., G., 2018, Tracing partial melt during the exhumation of deeply subducted continental crust: Insights from Sm-Nd isotope systematics in titanite, monazite and garnet, 2018 Fall Meeting, American Geophysics Union

Wang., D., Vervoort, J.D., Fisher, C.M., Lewis, R.S. and Buddington, A.M., 2017, Crystalline basement rocks of northern Idaho: A distinct Archean terrane in NW Laurentia, Geological Society of America Annual Meeting.

- Wang, D.**, 2017, Garnet Lu-Hf and Sm-Nd geochronology and its application in ultrahigh-pressure terranes. Invited talk. China University of Geosciences, Beijing, China.
- Wang, D.**, Vervoort, J.D., Fisher, C.M., Cao, H. and Li, G., 2016, Constraining Metamorphic Timing and Processes by Dating Garnet, Zircon, Titanite and Monazite in UHP and HP Rocks from Weihai, Sulu UHP Terrane, Eastern China, Abstract V23A-2963 presented at 2016 Fall Meeting, AGU, San Francisco, Calif., 12-16 Dec.
- Wang, D.**, Vervoort, J.D., Cao, H. and Li, G., 2015, Garnet Sm-Nd and Lu-Hf geochronology of eclogites from Weihai, Sulu UHP terrane, eastern China: Geological Society of America Abstracts with Programs, v.47, no.7, p.375.
- Wang, D.**, Vervoort, J.D., Fisher, C.M., Lewis, R.S., Buddington, A.M., and Doughty, P.T., 2014, The basement terranes of north central Idaho: filling in the gap between Priest River and Clearwater complexes: Geological Society of America Abstracts with Programs, v. 46, no. 5, p. 33.