

## *Appendix A.3*

### **Translating scientific articles to the non-scientific public using the Wikipedia Encyclopedia**

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**Articles used in this course:**

Week 2: Grove, T.L., Kinzler, R.J., and Bryan, W.B. (1992); Fractionation of Mid-Ocean Ridge Basalt (MORB). Mantle flow and melt generation at Mid-Ocean Ridges geophysical monograph 71; American Geophysical Union; 281-310. doi: 10.1029/GM071p0281

Week 3: Nandedkar, R.H., Ulmer, P., and Müntener, O. (2014); Fractional crystallization of primitive, hydrous arc magmas: an experimental study at 0.7 GPa. Contributions to Mineralogy and Petrology; 167:1015. doi: 10.1007/s00410-014-1015-5

Week 4: Solano, J.M.S., Jackson, M.D., Sparks, R.S.J., Blundy, J.D., and Annen, C. (2012); Melt segregation in deep hot zones: a mechanism for chemical differentiation, crustal assimilation and the formation of evolved magmas. Journal of Petrology; 55(10); 1999-2026. doi: 10.1093/petrology/egs041

Week 5: Leuthold, J., Müntener, O., Baumgartner, L.P., and Putlitz, B. (2014); Petrological constraints on the recycling of mafic crystal mushes and intrusion of braided sills in the Torres del Paine mafic complex (Patagonia). Journal of Petrology; 55(5); 917-949. doi: 10.1093/petrology/egu011

Week 6: Helz R.T., Clague D.A., Sisson T.W., and Thornber C.R. (2014); Petrological insights into basaltic volcanism at historically active Hawaiian volcanoes. In: Poland, M.P., Takahashi, T.J., and Landowski C.M.; Characteristics of Hawaiian Volcanoes; U.S. Geological Survey Professional Paper 1801; chap.6; 237-294. doi: 10.3133/pp18015