

## 22 Prof. Haemyeong Jung



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### Major Publications

- Jung, H. (2014). Deformation microstructures of olivine and chlorite in chlorite peridotites from almklovdalen in the western gneiss region, southwest norway, and implications for seismic anisotropy. *International Geology Review*, 57(5-8), 1-19.
- Hoog, J. C. M. D., Hattori, K., & Jung, H. (2014). Titanium- and water-rich metamorphic olivine in high-pressure serpentinites from the voltri massif (ligurian alps, italy): evidence for deep subduction of high-field strength and fluid-mobile elements. *Contributions to Mineralogy & Petrology*, 167(3), 1-15.
- Yong, P., & Jung, H. (2014). Deformation microstructures of olivine and pyroxene in mantle xenoliths in shanwang, eastern china, near the convergent plate margin, and implications for seismic anisotropy. *International Geology Review*, 57(5-8), 1-21.
- Park, M., Jung, H., & Kil, Y. (2014). Petrofabrics of olivine in a rift axis and rift shoulder and their implications for seismic anisotropy beneath the rio grande rift. *Island Arc*, 23(23), 299-311.
- Jung, S., Jung, H., & Austrheim, H. (2014). Characterization of olivine fabrics and mylonite in the presence of fluid and implications for seismic anisotropy and shear localization. *Earth Planets & Space*, 66(1), 1-21.
- Ko, B., & Jung, H. (2015). Crystal preferred orientation of an amphibole experimentally deformed by simple shear. *Nature Communications*, 6.
- Yong, P., & Jung, H. (2014). Deformation microstructures of olivine and pyroxene in mantle xenoliths in shanwang, eastern china, and implications for seismic anisotropy. 2014 년도 한국암석학회 · 한국광물학회 공동 학술발표회 논문집.
- Lee, J., & Jung, H. (2014). Lattice-preferred orientation of olivine found in diamond-bearing garnet peridotites in finsch, south africa and implications for seismic anisotropy. *Journal of Structural Geology*, 70(4), 12-22.
- Cao, Y., Jung, H., & Song, S. (2014). Microstructures and petro-fabrics of lawsonite blueschist in the north qilian suture zone, nw china: implications for seismic anisotropy of subducting oceanic crust. *Tectonophysics*, 628, 140-157.
- Kil, Y., Jung, H., & Yang, K. (2016). Li isotopic disequilibrium of the cenozoic subcontinental lithospheric mantle in east asia. *Geosciences Journal*, 20(5), 597-607.
- Ree, J. H., Choh, S. J., Jung, H., & Lee, D. J. (2016). Re-examination of a supposed 'archaeocyath' specimen from the hyangsanni formation, okcheon basin, korea. *Geosciences Journal*, 20(3), 285-294.
- Lee, J., Jung, H., & Klemd, R. (2016). Lattice preferred orientation of talc and implications for seismic anisotropy at high-pressure subduction zones. 한국암석학회 학술발표회 논문집.
- Jung, H. (2016). Crystal preferred orientation of amphibole and implications for seismic anisotropy in the crust. EGU General Assembly Conference (Vol.18). EGU General Assembly Conference Abstracts.

- Cao, Y., & Jung, H. (2015). Seismic properties of subducting oceanic crust: constraints from natural lawsonite-bearing blueschist and eclogite in Sivrihisar Massif, Turkey. *Physics of the Earth & Planetary Interiors*, 250, 12-30.
- Hae Il Jung, Hyoung Uk Lee, Tae Sung Ahn, Jong Eun Lee, Hyun Yong Lee, & Seong Taek Mun, et al. (2016). Complete tubular duplication of colon in an adult: a rare cause of colovaginal fistula. *Annals of Surgical Treatment and Research*, 91(4), 207-211.
- Eom, S. H., Liu, S., Su, M., Noh, T. H., Hong, J., & Kim, N. D., et al. (2016). Synthesis of phthalimide derivatives as potential PPAR- $\gamma$  ligands. *Marine Drugs*, 14(6).
- Yong, M. K., Kim, S., Jung, K., & Kim, S. (2016). Diversity and functional analysis of light-driven pumping rhodopsins in marine flavobacteria. *Microbiologyopen*, 5(2), 212-223.