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[EDUCATION]

2007 Ph.D. in Department of Geosciences, National Taiwan University

1999 B. Sc. in Department of Geosciences, National Taiwan University

[EXPERIENCE]

2015.08~now Assistant Research Scientist, Institute of Earth Sciences, Academia Sinica

2014.08~2015.08 Assistant Research Scholar, Department of Geosciences, National Taiwan University
[Project: Applications of MC-ICPMS to the Petrogenesis of Rocks in the Tethyan Orogenic Belt]

2011.08~2014.07 Assistant Research Scholar, Department of Geosciences, National Taiwan University
[Project: Geochronology and Geochemistry of Magmatism in the Eastern Tethyan Orogenic Belt
(Tibet, Yunnan and Myanmar)]

2008.08~2011.07 Post-Doctoral Fellow, Geochemistry Lab, Department of Geosciences, National Taiwan University

2007.08~2008.07 Post-Doctoral Fellow, Ar-Ar Lab, Department of Geosciences, National Taiwan University

[RESEARCH INTERESTS]

1. Geochronology and Geochemistry
2. Igneous Petrogenesis and Tectonics
3. New Analytical Techniques for Isotopic Analyses using MCICP-MS (Neptune & Nu Plasma)
4. In-situ Isotope Measurements for minerals using LA-(MC-)ICP-MS

[TECHNICAL SKILLS]

Mass Spectrometry:

- Noble Gas: VG1200, VG3600 and Nu Instruments Noblesse
- Inductively Coupled Plasma (ICP): Agilent 7500cx, 7500s, 7700x and 7900
- Multi-Collector ICP: Thermal Electron Finnigan Neptune and Nu Instruments Nu Plasma

Introduction System:

- Solution: APEX, Aridus and DSN-100 desolvators, and stable inlet system
- Solid: New Wave Nd:YAG Laser LUV266, UP213 and Excimer UP193FX, and Photon Machines Analyte G2 (193)

[PUBLICATIONS]

- 58 . Shellnutt, J.G., Nguyen, D.T. and **Lee, H.-Y.** (2020) Resolving the origin of the Seychelles microcontinent: Insight from zircon geochronology and Hf isotopes. *Precambrian Research*, 343: 105725.
- 57 . Rostami-Hossouri, M., Ghasemi, H., Pang, K.-N., Shellnutt, J.G., Rezaei-Kahkhaei, M., Miao, L., Mobasher, M., Iizuka, Y., **Lee, H.-Y.** and Lin, T.-H. (2020) Geochemistry of continental alkali basalts in the Sabzevar region, northern Iran: implications for the role of pyroxenite in magma genesis. *Contributions to Mineralogy and Petrology*, <https://doi.org/10.1007/s00410-020-01687-z>
- 56 . Lin, Y.-C., Chung, S.-L., Bingöl, A.F., Yang, L., Okrostsvaridze, A., Pang, K.-N., **Lee, H.-Y.** and Lin, T.-H. (2020) Diachronous initiation of post-collisional magmatism in the Arabia-Eurasia collision zone. *Lithos*, 356-357: 105394
- 55 . Tsai, C.-H., Shyu, J.B.H., Chung, S.-L. and **Lee, H.-Y.** (2019) Miocene sedimentary provenance and paleogeography of the Hengchun Peninsula, southern Taiwan: Implications for tectonic development of the Taiwan orogen. *Journal of Asian Earth Sciences*, <https://doi.org/10.1016/j.jseaes.2019.104032>.
- 54 . Kovach V. P., I. K. Kozakov, K.-L. Wang, Yu. V. Plotkina, **H.-Y. Lee**, S.-L. Chung (2019) Age and Sources of Terrigenous Rocks of Basal Formation of the Tsagaan-Olom Group of the Dzabkhan Terrane: Results of U-Th-Pb Geochronological, Lu-Hf and Sm-Nd Isotopic Studies STRATIGRAPHY AND GEOLOGICAL CORRELATION, 27(5), 555–572, doi: 10.1134/S0869593819050046
- 53 . Atici, G., Axel K. Schmitt, Bjarne Friedrichs, Stephen Sparks, Martin Danišič, Esra Yurteri, Evren Atakay Gündoğdu, Julie Schindlbeck-Belo, Mehmet Çobankaya, Kuo-Lung Wang & **Hao-Yang Lee.**, (2019) Ages and glass compositions for paired large volume eruptions from the Acigöl volcanic complex, Cappadocia (Turkey) *Mediterranean Geoscience Reviews*, 1, 167–178, doi:10.1007/s42990-019-00013-5
- 52 . Skuzovatov, S.Yu.*, Wang, K.-L., Dril, S.I., Iizuka, Y., **Lee, H.-Y.**, (2019) Geochemistry, zircon U-Pb and Lu-Hf systematics of high-grade metasedimentary sequences from the South Muya block (northeastern Central Asian Orogenic Belt): reconnaissance of polymetamorphism and accretion of Neoproterozoic exotic blocks in southern Siberia, *Precambrian Research*, 321, 34-53. <https://doi.org/10.1016/j.precamres.2018.11.022>
- 51 . Rehman, H.U., Iizuka, Y., **Lee, H.-Y.**, Chung, S.-L., Duan, Z., Wei, C., Khan, T., Zafar, T. and Yamamoto, H., (2019) Zirconium in rutile thermometry of the Himalayan ultrahigh-pressure eclogites and their retrogressed counterparts, Kaghan Valley, Pakistan, *Lithos*, 344-345: 86-99
- 50 . Singh, A.K., Chung, S.-L., Bikramaditya, R., **Lee, H.-Y.** and Khogenkumar, S., (2019) Zircon U-Pb geochronology, Hf isotopic compositions, and petrogenetic study of Abor volcanic rocks of Eastern Himalayan Syntaxis, Northeast India: Implications for eruption during breakup of Eastern Gondwana, *Geological Journal*, 2020;55:1227–1244, <https://doi.org/10.1002/gj.3477>.
- 49 . Rehman, H.U., Khan, T., **Lee, H.-Y.**, Chung, S.-L., Murata, M. and Jan, M.Q., (2019) Permian felsic magmatism in the Neoproterozoic Nagar Parkar Igneous Complex of the Malani Igneous Suite: Evidence from zircon U-Pb age, *Island Arc*, <https://doi.org/10.1111/iar.12323>.
- 48 . Tretyakov, A.A., Pilitsyna, A.V., Degtyarev, K.E., Salnikova, E.B., Kovach, V.R., **Lee, H.-Y.**, Batanova, V.G., Wang, K.-L., Kanygina, N.A. and Kovalchuk, E.V., (2019) Neoproterozoic granitoid magmatism and granulite metamorphism in the Chu-Kendyktas terrane (Southern Kazakhstan, Central Asian Orogenic Belt): Zircon

- dating, Nd isotopy and tectono-magmatic evolution, *PRECAMBRIAN RESEARCH*,
<https://doi.org/10.1016/j.precamres.2019.105397>.
- 47 . Mateen, T., Okamoto, K., Chung, S.-L., Wang, K.-L., **Lee, H.-Y.**, Abe, S., Mita, Y., Rehman, H.U., Terabayashi, M. and Yamamoto, H., (2019) LA-ICP-MS zircon U-Pb age and Hf isotope data from the granitic rocks in the Iwakuni area, Southwest Japan: re-evaluation of emplacement order and the source magma, *Geosciences Journal*, <http://www.springer.com/journal/12303>.
- 46 . Stern, C.R., Pang, K.-N., **Lee, H.-Y.**, Skewes, M.A. and Arevalo, A., (2019) Implications of Hf isotopes for the evolution of the mantle source of magmas associated with the giant E1 Teniente Cu-Mo megabreccia deposit, Central Chile, *Minerals*, <https://doi.org/10.3390/min9090550>.
- 45 . Bikramaditya, R.K., Chung, S.-L., Singh, A.K., **Lee, H.-Y.**, Lin, T.-H. and Iizuka, Y., (2019) Age and isotope geochemistry of magmatic rocks of the Lohit Plutonic Complex, eastern Himalaya: implications for the evolution of Transhimalayan arc magmatism, *Journal of the Geological Society*, <https://doi.org/10.1144/jgs2018-214>
- 44 . Zhang, Xiaoran, Chung, S.-L., Lai, Y.-M., Ghani, A. A., Murtadha S., **Lee, H.-Y.**, Hsu C.-C. (2019) A 6000-km-long Neo-Tethyan arc system with coherent magmatic flare-ups and lulls in South Asia. *Geology*, 47(6), 573-576, doi: 10.1130/G46172.1
- 43 . Tsai, C.-H., Shyu, J. Bruce H., Chung, S.-L., Ramos N. T., **Lee, H.-Y.** (2019) Detrital zircon record from major rivers of Luzon Island: implications for Cenozoic continental growth in SE Asia. *Journal of the Geological Society London*, 176(4), 727-735, doi: 10.1144/jgs2019-003
- 42 . Pilitsyna, A.V., Tretyakov, A.A., Degtyarev, K.E., Salnikova, E.B., Kotov, A.B., Kovach, V.P., Wang, K.-L., Batanova, V.G., Plotkina, Y.V., Tolmacheva, E.V., Ermolaev, B.V. and **Lee, H.-Y.** (2019) Early Palaeozoic metamorphism of Precambrian crust in the Zheltau terrane (Southern Kazakhstan; Central Asian Orogenic belt): P-T paths, protoliths, zircon dating and tectonic implications. *Lithos*, 324-325: 115-140.
- 41 . Bikramaditya, R.K., Singh, A.K., Chung, S.-L., Sharma, R. and **Lee, H.-Y.** (2018) Zircon U-Pb ages and Lu-Hf isotopes of metagranitoids from the Subansiri region, Eastern Himalaya: implications for crustal evolution along the northern Indian passive margin in the early Paleozoic. From: Sharma, R., Villa, I.M. and Kumar, S. (eds) *Crustal Architecture and Evolution of the Himalaya-Karakoram-Tibet Orogen*. Geological Society, London, Special Publications, 481.
- 40 . Lai, Y.-M., Chu, M.-F., Chen, W.-S., Shao, W.-Y., **Lee, H.-Y.** and Chung, S.-L. (2018) Zircon U-Pb and Hf isotopic constraints on the magmatic evolution of the Northern Luzon Arc. *Terrestrial, Atmospheric and Oceanic Sciences*, 29: 149-186.
- 39 . Shao, W.-Y., Chen, W.-S., **Lee, H.-Y.** and Chung, S.-L. (2018) Zircon U-Pb and Hf isotopic study of the eastern Taiwan ophiolite. *Western Pacific Earth Sciences*, 15-18: 107-130.
- 38 . Zhang, X., Takeuchi, M. and **Lee, H.-Y.** (2018) Tracing the origin of Southwest Japan using the Hf isotopic composition of detrital zircons from the Akiyoshi Belt. *Terra Nova*, <https://doi.org/10.1111/ter.12363>.
- 37 . Bingöl, A.F., Beyarslan, M., Lin, Y.-C. and **Lee, H.-Y.** (2018) Geochronological and geochemical constraints on the origin of the Southeast Anatolian ophiolites, Turkey. *Arabian Journal of Geosciences*, 11: 569, <https://doi.org/10.1007/s12517-018-3880-0>.
- 36 . Zhang, X., Chung, S.-L., Lai, Y.-M., Ghani, A.A., Murtadha, S., **Lee, H.-Y.** and Hsu, C.-C. (2018) Detrital zircons dismember Sibumasu in East Gondwana. *Journal of Geophysical Research, Solid Earth*, 123: 6098-6110.

- 35 . Chu, M.-F., Lai, Y.-M., Li, Q., Chen, W.-S., Song, S.-R., **Lee, H.-Y.** and Lin, T.-H. (2018) Magmatic pulses of the Tatun Volcano Group, northern Taiwan, revisited: Constraints from zircon U-Pb ages and Hf isotopes. *Journal of Asian Earth Sciences*, 167: 209-217.
- 34 . Rehman, H.U., Khan, T., Jan, M.Q., **Lee, H.-Y.**, Chung, S.-L. and Murata, M. (2018) Timing and span of the continental crustal growth in SE Pakistan: Evidence from LA-ICP-MS U-Pb zircon ages from granites of the Nagar Parkar Igneous Complex. *Gondwana Research*, 61: 172-186.
- 33 . Rehman, H.U., Kitajima, K., Valley, J.W., Chung, S.-L., **Lee, H.-Y.**, Yamamoto, H. and Khan, T. (2018) Low- $\delta^{18}\text{O}$ mantle-derived magma in Panjal Traps overprinted by hydrothermal alteration and Himalayan UHP metamorphism: Revealed by SIMS zircon analysis. *Gondwana Research*, 56: 12-22.
- 32 . Zhai, Q.-G., Wang, J., Hu, P.-Y., **Lee, H.-Y.**, Tang, Y., Wang, H.-T., Tang, S.-H. and Chung, S.-L. (2017) Late Paleozoic granitoids from central Qiangtang, northern Tibetan plateau: A record of Paleo-Tethys Ocean subduction. *Journal of Asian Earth Sciences*, <http://dx.doi.org/10.1016/j.jseaes.2017.07.030>.
- 31 . Usuki, T., Iizuka, Y., Hirajima, T., Svojtka, M., **Lee, H.-Y.** and Jahn, B.-M. (2017) Significance of Zr-in-rutile thermometry for deducing the decompression P-T path of a garnet-clinopyroxene granulite in the Moldanubian Zone of the Bohemian Massif. *Journal of Petrology*, 58: 1173-1198.
- 30 . Chiu, H.-Y., Chung, S.-L., Zarrinkoub, M.H., Melkonyan, R., Pang, K.-N., **Lee, H.-Y.**, Wang, K.-L., Mohammadi, S.S. and Khatib, M.M. (2017) Zircon Hf isotopic constraints on the magmatic and tectonic evolution in Iran: Implications for crustal evolution in the Tethyan orogenic belt. *Journal of Asian Earth Sciences*, 145: 652-669.
- 29 . Kröner, A., Kovach, V., Kozakov, I., Aranovich, L., Xie, H., Kirnozova, T., Fuzgan, M., Serebryakov, N., Wang, K.-L. and **Lee, H.-Y.** (2017) Granulites and Palaeoproterozoic lower crust of the Baidarik Block, Central Asian Orogenic Belt of NW Mongolia. *Journal of Asian Earth Sciences*, 145: 393-407.
- 28 . Deevsalar, R., Shinjo, R., Ghaderi, M., Murata, M., Hoskin, P., Oshiro, S., Wang, K.-L., **Lee, H. Y.** and Neill, I. (2017) Mesozoic-Cenozoic mafic magmatism in Sanandaj-Sirjan Zone, Zagros Orogen (Western Iran): geochemical and isotopic inferences from Middle Jurassic and Late Eocene gabbros. *Lithos*, 284: 588-607.
- 27 . Hu, P.-Y., Zhai, Q.-G., Jahn, B.-M., Wang, J., Li, C., Chung, S.-L., **Lee, H.-Y.** and Tang, S.-H. (2017) Late Early Cretaceous magmatic rocks (118-113 Ma) in the middle segment of the Bangong-Nujiang suture zone, Tibetan Plateau: Evidence of lithospheric delamination. *Gondwana Research*, 44: 116-138.
- 26 . Quek, L. X., Ghani, A. A., Lai, Y.-M., **Lee, H.-Y.**, Saidin, M., Hassan, M. H. A., Ng, T. F., Ali, M. A. M., Badrudin, M. H., Aziz, J. H. A. and Zulkifley, M. T. M. (2017) Late Silurian to Early Devonian meta-gabbro intrusions of Western Peninsular Malaysia: Evidence for an early phase of Devonian rifting of Eastern Paleo-Tethys Ocean at NW Australian Gondwana margin. *International Geology Review*. (accepted)
- 25 . Shellnutt, J. G., Yeh, M.-W., Suga, K., Lee, T.-Y., **Lee, H.-Y.** and Lin, T.-H. (2017) Temporal and structural evolution of the Early Palaeogene rocks of the Seychelles microcontinent. *Scientific Reports*, DOI:10.1038/s41598-017-00248-y.
- 24 . Kovach, V., Degtyarev, K., Tretyakov, A., Kotov, A., Tolmacheva, E., Wang, K.-L., Chung, S.-L., **Lee, H.-Y.** and Jahn, B.-M. (2017) Sources and provenance of the Neoproterozoic placer deposits of the Northern Kazakhstan: Implication for continental growth of the western Central Asian Orogenic Belt. *Gondwana Research*, 47: 28-43. (SCI)

- 23 . Pang, K.-N., Chung, S.-L., Zarrinkoub, M.H., Li, X.-H., **Lee, H.-Y.**, Lin, T.-H. and Chiu, H.-Y. (2016) New age and geochemical constraints on the origin of Quaternary adakite-like lavas in the Arabia-Eurasia collision zone. *Lithos*, 264: 348-359. (SCI)
- 22 . Singh, A.K., Chung, S.-L., Bikramaditya, R.K. and **Lee, H.-Y.** (2016) New U-Pb zircon ages of plagiogranites from the Nagaland-Manipur Ophiolites, Indo-Myanmar Orogenic Belt, Northeast India. *Journal of the Geological Society London*, doi:10.1144/jgs2016-048.
- 21 . Rehman, H.U., **Lee, H.-Y.**, Chung, S.-L., Khan, T., O'Brien, P.J. and Yamamoto, H. (2016) Source and mode of the Permian Panjal Trap magmatism: Evidence from zircon U-Pb and Hf isotopes and trace element data from the Himalayan ultrahigh-pressure rocks. *Lithos*, 260: 286-299. (SCI)
- 20 . Zhai, Q.-G., Jahn, B.-M., Wang, J., Hu, P.-Y., Chung, S.-L., **Lee, H.-Y.**, Tang, S.-H. and Tang, Y. (2016) Oldest Paleotethyan ophiolitic mélange in the Tibetan plateau. *Geological Society of America Bulletin*, 128: 255-378. (SCI)
- 19 . **Lee, H.-Y.**, Chung, S.-L. and Yang, H.-M. (2016) Late Cenozoic volcanism in central Myanmar: Geochemical characteristics and geodynamic significance. *Lithos*, 245: 174-190. (SCI)
- 18 . Pang, K.-N., Chung, S.-L., Zarrinkoub, M.H., Wang, F., Kamenetsky, V.S. and **Lee, H.-Y.** (2015) Quaternary high-Mg ultrapotassic rocks from the Qal'eh Hasan Ali maars, southeastern Iran: petrogenesis and geodynamic implications. *Contributions to Mineralogy and Petrology*, doi:10.1007/s00410-015-1183-y. (SCI)
- 17 . Shao, W.-Y., Chung, S.-L., Chen, W.-S., **Lee, H.-Y.** and Xie, L.-W. (2015) Old continental zircons from a young oceanic arc, eastern Taiwan: Implications for Luzon subduction initiation and Asian accretionary orogeny. *Geology*, doi: 10.1130/G36499.1. (SCI)
- 16 . Zhai, Q.-G., Jahn, B.-M., Wang, J., Su, L., Mo, X.-X., Wang, K.-L., Tang, S.-h. and **Lee, H.-Y.** (2013) The Carboniferous ophiolite in the middle of the Qiangtang terrane, Northern Tibet: SHRIMP U-Pb dating, geochemical and Sr-Nd-Hf isotopic characteristics. *Lithos*, 168-169: 186-199. (SCI)
- 15 . Zhai, Q.-G., Jahn, B.-M., Su, L., Wang, J., Mo, X.-X., **Lee, H.-Y.**, Wang, K.-L. and Tang, S. (2013) Triassic arc magmatism in the Qiangtang area, northern Tibet: Zircon U-Pb ages, geochemical and Sr-Nd-Hf isotopic characteristics, and tectonic implications. *Journal of Asian Earth Sciences*, 63: 162-178. (SCI)
- 14 . Pang, K.-N., Zhou, M.-F., Qi, L., Chung, S.-L., Chu, C.-H. and **Lee, H.-Y.** (2013) Petrology and geochemistry at the Lower zone-Middle zone transition of the Panzhihua intrusion, SW China: Implications for differentiation and oxide ore genesis. *Geoscience Frontiers*, <http://dx.doi.org/10.1016/j.gsf.2013.01.006>.
- 13 . Pang, K.-N., Chung, S.-L., Zarrinkoub, M.H., Lin, Y.-C., **Lee, H.-Y.**, Lo, C.-H. and Khatib, M.M. (2013) Iranian ultrapotassic volcanism at ~11 Ma signifies the initiation of post-collisional magmatism in the Arabia-Eurasia collision zone. *Terra Nova*, 0: 1-9. (SCI)
- 12 . Pang, K.-N., Chung, S.-L., Zarrinkoub, M.H., Khatib, M.M., Mohammadi, S.S., Chiu, H.-Y., Chu, C.-H., **Lee, H.-Y.** and Lo, C.-H. (2013) Eocene-Oligocene post-collisional magmatism in the Lut-Sistan region, eastern Iran: Magma genesis and tectonic implications. *Lithos*, 180-181: 234-251. (SCI)
- 11 . Zarrinkoub, M.H., Pang, K.-N., Chung, S.-L., Khatib, M.M., Mohammadi, S.S., Chiu, H.-Y. and **Lee, H.-Y.** (2012) Zircon U-Pb age and geochemical constraints on the origin of the Birjand ophiolite, Sistan suture zone, eastern Iran. *Lithos*, 154: 392-405. (SCI)
- 10 . Pang, K.-N., Chung, S.-L., Zarrinkoub, M.H., Mohammadi, S.S., Yang, H.-M., Chu, C.-H., **Lee, H.-Y.** and Lo, C.-H. (2012) Age, geochemical characteristics and petrogenesis of Late Cenozoic intraplate alkali basalts in the Lut-Sistan region, eastern Iran. *Chemical Geology*, 306-307: 40-53. (SCI)

- 9 . Lin, I.-J., Chung, S.-L., Chu, C.-H., **Lee, H.-Y.**, Gallet, S., Wu, G., Ji, J. and Zhang, Y. (2012) Geochemical and Sr-Nd Isotopic Characteristics of Cretaceous to Paleocene Granitoids and Volcanic Rocks, SE Tibet: Petrogenesis and Tectonic Implications. *Journal of Asian Earth Sciences*, 53: 131-150. (SCI)
- 8 . **Lee, H.-Y.**, Chung, S.-L., Ji, J., Lee, Qian, Q., Gallet, S., Lo, C.-H., Lee, T.-Y. and Zhang, Q. (2012) Geochemical and Sr-Nd isotopic constraints on the genesis of the Cenozoic Linzizong volcanic successions, southern Tibet. *Journal of Asian Earth Sciences*, 53: 96-114. (SCI)
- 7 . Chu, M.-F., Chung, S.-L., O'Reilly, S. Y., Pearson, N. J., Wu, F.-Y., Li, X.-H., Liu, D., Ji, J., Chu, C.-H. and **Lee, H.-Y.** (2011) India's Hidden Inputs to Tibetan Orogeny Revealed by Hf Isotopes of Transhimalayan Zircons and Host Rocks. *Earth and Planetary Science Letters*, 307: 479-486. (SCI)
- 6 . **Lee, H.-Y.**, Chung, S.-L., Lo, C.-H., Ji, J., Lee, T.-Y., Qian, Q. and Zhang, Q. (2009) Eocene Neotethyan slab breakoff in southern Tibet inferred from the Linzizong volcanic record. *Tectonophysics*, 477: 20-35. (SCI)
- 5 . Zhu, D.-C., Zhao, Z.-D., Pan, G.-T., **Lee, H.-Y.**, Kang, Z.-Q., Liao, Z.-L., Wang, L.-Q., Li, G.-M., Dong, G.-C. and Liu, B. (2008) Early cretaceous subduction-related adakite-like rocks of the Gangdese Belt, southern Tibet: Products of slab melting and subsequent melt-peridotite interaction? *Journal of Asian Earth Sciences*, 34: 298-309. (SCI)
- 4 . **Lee, H.-Y.**, Chung, S.-L., Wang, Y., Zhu, D., Yang, J., Song, B., Liu, D. and Wu, F. (2007) Age, petrogenesis and geological significance of the Linzizong volcanic successions in the Linzhou basin, southern Tibet: Evidence from zircon U-Pb dates and Hf isotopes. *Acta Petrologica Sinica*, 23: 493-500. (in Chinese; SCI)
- 3 . Chung, S.-L., Liu, D., Ji, J., Chu, M.-F., **Lee, H.-Y.**, Wen, D.-J., Lo, C.-H., Lee, T.-Y., Qian, Q. and Zhang, Q. (2003) Adakites from continental collision zones: Melting of thickened lower crust beneath southern Tibet. *Geology*, 31: 1021-1024. (SCI)
- 2 . **Lee, H.-Y.**, Chung, S.-L., Wang, J.-R., Wen, D.-J., Lo, C.-H., Yang, T.F., Zhang, Y., Xie, Y., Lee, T.-Y., Wu, G. and Ji, J. (2003) Miocene Jiali faulting and its implications for Tibetan tectonic evolution. *Earth and Planetary Science Letters*, 205: 185-194. (SCI)
- 1 . Wang, K.-L., Chen, C.-H., Chung, S.-L., Lin, L.-H., Lo, C.-H., Yang, T.F. and **Lee, H.-Y.** (2000) Field occurrence, $^{40}\text{Ar}/^{39}\text{Ar}$ dating and petrochemical features of volcanic rocks in Mienhuayu off NE Taiwan. *Journal of the Geological Society of China*, 43: 247-264.

[PRESENTATIONS]

13. **Lee, H.-Y.** et al. (2016) Detrital zircon constraints and implications for the magmatic evolution and Cimmerian orogeny in Georgian Caucasus. Abstract presented at *2016 AGU Fall Meeting, San Francisco, Calif., 12-16 Dec.*
12. **Lee, H.-Y.** et al. (2016) Magmatic and crustal evolution in Georgian Caucasus: evidence from detrital zircons. Abstract presented at *2016 Goldschmidt conference, Yokohama, Japan, 26 June-1 July.*
11. **Lee, H.-Y.** et al. (2015) Detrital zircon U-Pb and Hf isotopic constraints on the magmatic and crustal evolution in Georgia. Abstract presented at *2015 Goldschmidt conference, Prague, Czech, 21-26 Aug.*
10. **Lee, H.-Y.** et al. (2013) Age and geochemical constraints on the genesis of Late Cenozoic volcanic rocks in central Myanmar. Abstract presented at *2013 Goldschmidt conference, Florence, Italy, 25-30 Aug.* DOI:10.1180/minmag.2013.077.5.12.
9. **Lee, H.-Y.** et al. (2011) Late Cenozoic volcanism in central Myanmar: ages, geochemical characteristics and geodynamic significance. Abstract SE67-A011 presented at *2011 AOGS Meeting, Taipei, Taiwan, 8-12 Aug.*

8. **Lee, H.-Y.** et al. (2010) Cenozoic volcanic rocks from central Myanmar: Age, geochemical characteristics and geodynamic significance. Abstract T43B-2227 presented at *2010 Fall Meeting, AGU, San Francisco, Calif., 13-17 Dec.*.
7. **Lee, H.-Y.** et al. (2010) Age and geochemical constraints on the petrogenesis of late Cenozoic volcanism in Myanmar. *Tectonic Crossroads: Evolving Orogens of Eurasia-Africa-Arabia, Ankara, Conference Abstracts*, 53 p.
6. **Lee, H.-Y.** et al. (2007) Age and Geochemical Characteristics of the Linzizong Volcanism for Neotethyan Slab Breakoff in Southern Tibet. *Eos Trans. AGU, 88(52), Fall Meet. Suppl., Abstract V41D-0824*.
5. **Lee, H.-Y.** et al. (2004) New age and geochemical constraints for the origin of the Linzizong volcanic successions, southern Tibet. *Eos Trans. AGU, Western Pacific Geophysics Meeting, Honolulu, Hawaii, USA, Conference Abstracts*, 164 p.
4. **Lee, H.-Y.** et al. (2004) New age and geochemical constraints for the genesis of the Linzizong volcanic successions, southern Tibet. *93 Geological Society located in Taipei Annul Meeting Abstracts*, 57 p.
3. **Lee, H.-Y.** et al. (2003) Age and geochemical constraints on the genesis of the Paleogene Linzizong volcanic successions in southern Tibet. *EGS-AGU-EUG Joint Assembly, Nice, France, Geophysical Research Abstracts*, 5, 06426 (Disc).
2. **Lee, H.-Y.** et al. (2003) New and geochemical constraints on the genesis of the Paleogene Linzizong volcanic successions in southern Tibet. *92 Geological Society located in Taipei Annul Meeting Abstracts*, 726-729.
1. **Lee, H.-Y.** et al. (2001) New geochronological data from the eastern Gangdese batholith with implications for the dextral movement of the Jiali fault. *EUG XI, Strasbourg, France, Journal of Conference*, 6: 331 p.

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