



地球掘削科学共同利用・共同研究拠点(JURC-DES)
成果論文 [2007-2009]

(凡例 : 課題代表者、拠点教員、【課題番号】)

[2007]

Hirono, T., Yokoyama, T., Hamada, Y., Tanikawa, W., Mishima, T., Ikehara, M., Famin, V., Tanimizu, M., Lin, W., Soh, W., Song, S.-R., 2007. A chemical kinetic approach to estimate dynamic shear stress during the 1999 Taiwan Chi-Chi earthquake. *Geophysical Research Letters* 34.

【07B014】

<https://doi.org/10.1029/GL030743>

Hori, R.S., Higuchi, Y., Fujiki, T., Maeda, T., Ikehara, M., 2007. Geochemistry of the Oruatemanu Formation, Arrow Rocks, Northland, New Zealand. *GNS Science Monograph* 24, 123-156.

Hori, R.S., Ikehara, M., 2007. Preliminary report on Early Triassic acritarchs from Arrow Rocks, Northland, New Zealand. *GNS Science Monograph* 24, 117-122.

Ikehara, M., **Hirono, T.**, Tadai, O., Sakaguchi, M., Kikuta, H., Fukuchi, T., Mishima, T., Nakamura, N., Aoike, K.A.N., Fujimoto, K., Hashimoto, Y., Ishikawa, T., Ito, H., Kinoshita, M., Lin, W., Masuda, K., Matsubara, T., Matsabayashi, O., Mizoguchi, K., Murayama, M., Otsuki, K., Sone, H., Takahashi, M., Tanikawa, W., Tanimizu, M., Soh, W., Song, S.-R., 2007. Low total and inorganic carbon contents within the Taiwan Chelungpu fault system. *Geochemical Journal* 41, 391-396.

【07B014】

10.2343/geochemj.41.391

Kano, A., Ferdelman, T.G., Williams, T., Henriet, J.-P., Ishikawa, T., Kawagoe, N., Takashima, C., Kakizaki, Y., Abe, K., Sakai, S., Browning, E.L., Li, X., Integrated Ocean Drilling Program Expedition 307 Scientists, 2007. Age constraints on the origin and growth history of a deep-water coral mound in the northeast Atlantic drilled during Integrated Ocean Drilling Program Expedition 307. *Geology* 35, 1051-1054.

【06B011】

10.1130/g23917a.1

Kuwae, M., Yamaguchi, H., Tsugeki, N.K., Miyasaka, H., Fukumori, K., Ikehara, M., Genkai-Kato, M., Omori, K., Sugimoto, T., Ishida, S., Takeoka, H., 2007. Spatial distribution of organic and sulfur geochemical parameters of oxic to anoxic surface sediments in Beppu Bay in southwest Japan. *Estuarine, Coastal and Shelf Science* 72, 348-358.

【05A006】

<https://doi.org/10.1016/j.ecss.2006.11.005>

Takashima, C., Kawagoe, N., Ohmori, K., **Kano, A.**, Ishikawa, T., Ferdelman, T.G., Williams, T., Henriet, J.-P., 2007. Drilling a deep-water coral mound and its geological significance.

Proceedings of the 13th Formation Evaluation Symposium of Japan A, 1-5.

【06B011】

Yang, T., **Hyodo, M.**, Yang, Z., Ding, L., Fu, J., Mishima, T., 2007. Early and middle Matuyama geomagnetic excursions recorded in the Chinese loess-paleosol sediments. *Earth, Planets and Space* 59, 825-840.

【05B020, 06B005】

<https://doi.org/10.1186/BF03352745>

[2008]

Mishima, H., Kakei, M., Yasui, T., Miyamoto, S., Miake, Y., Yanagisawa, T., 2008. Apatite crystal in hard tissue of conodont fossils. *Frontiers of Materials Science in China* 2, 179.

【6B004, 07A005, 07B020】

<https://doi.org/10.1007/s11706-008-0030-8>

Ohno, M., Murakami, F., Komatsu, F., Guyodo, Y., Acton, G., Kanamatsu, T., Evans, H.F., Nanayama, F., 2008. Paleomagnetic directions of the Gauss-Matuyama polarity transition recorded in drift sediments (IODP Site U1314) in the North Atlantic. *Earth, Planets and Space* 60, e13-e16.

【05B010, 06A010, 06B010】

<https://doi.org/10.1186/BF03352845>

Yang, T., **Hyodo, M.**, Yang, Z., Ding, L., Li, H., Fu, J., Wang, S., Wang, H., Mishima, T., 2008. Latest Olduvai short-lived reversal episodes recorded in Chinese loess. *Journal of Geophysical Research: Solid Earth* 113.

【05B020, 06B005】

<https://doi.org/10.1029/2007JB005264>

[2009]

Asami, R., Felis, T., Deschamps, P., Hanawa, K., **Iryu, Y.**, Bard, E., Durand, N., Murayama, M., 2009. Evidence for tropical South Pacific climate change during the Younger Dryas and the Bølling–Allerød from geochemical records of fossil Tahiti corals. *Earth and Planetary Science Letters* 288, 96-107.

【06B014, 07A016, 07B009, 08A022, 08B019】

<https://doi.org/10.1016/j.epsl.2009.09.011>

Hamada, Y., **Hirono, T.**, Ikehara, M., Soh, W., Song, S.-R., 2009. Estimated dynamic shear stress and frictional heat during the 1999 Taiwan Chi-Chi earthquake: A chemical kinetics approach with isothermal heating experiments. *Tectonophysics* 469, 73-84.

【08A019】

<https://doi.org/10.1016/j.tecto.2009.01.036>

Kawamura, N., **Ishikawa, N.**, and Torii, M., 2009. Data report: magnetic properties of unconsolidated deep-sea sediments from the North Atlantic, IODP Expedition 303 Sites U1302–U1304 and U1308, in: Channell, J.E.T., Kanamatsu, T., Sato, T., Stein, R., Alvarez Zarikian, C.A., Malone, M.J., and the Expedition 303/306 Scientists (Ed.), *Proceedings of the Integrated Ocean Drilling Program*. Integrated Ocean Drilling Program Management International, Inc., College Station, TX.

【05A003, 05B007】

doi:10.2204/iodp.proc.303306.209.2009

Kuwae, M., Hayami, Y., Oda, H., Yamashita, A., Amano, A., Kaneda, A., Ikehara, M., Inouchi, Y., Omori, K., Takeoka, H., Kawahata, H., 2009. Using foraminiferal Mg/Ca ratios to detect an ocean-warming trend in the twentieth century from coastal shelf sediments in the Bungo Channel, southwest Japan. *The Holocene* 19, 285-294.

【04B021】

<https://doi.org/10.1177/0959683608100573>

Nifuku, K., Kodama, K., Shigeta, Y., Naruse, H., 2009. Faunal turnover at the end of the Cretaceous in the North Pacific region: Implications from combined magnetostratigraphy and biostratigraphy of the Maastrichtian Senpohshi Formation in the eastern Hokkaido Island, northern Japan. *Palaeogeography, Palaeoclimatology, Palaeoecology* 271, 84-95.

【04B013, 05B004】

<https://doi.org/10.1016/j.palaeo.2008.09.012>