

## 本センター研究者による公表論文リスト

2011 年

### ■査読のある論文

著者・著作名
Abrajevitch, A., Hori, R. S. and Kodama, K., Magnetization carriers and remagnetization of bedded chert, <i>Earth and Planetary Science Letters</i> , 305, 1–2, 135–142, 2011.
Abrajevitch, A. and Kodama, K., Diagenetic sensitivity of paleoenvironmental proxies: a rock magnetic study of Australian continental margin sediments, <i>Geochemistry, Geophysics, Geosystems</i> , 12, Q05Z24, 2011.
Fernando, A. G. S., Nishi, H., Tanabe, K., Moriya, K., Iba, Y., Kodama, K., Murphy, M. A. and Okada, H., Calcareous nannofossil biostratigraphic study of forearc basin sediments: Lower to Upper Cretaceous Budden Canyon Formation (Great Valley Group), northern California, USA, <i>Island Arc</i> , 20, 3, 346–370, 2011.
Hori, R. S., Yamakita, S., Ikehara, M., Kodama, K., Aita, Y., Sakai, T., Takemura, A., Kamata, Y., Suzuki, N., Takahashi, S., Sporli, K. B. and Grant-Mackie, J. A., Early Triassic (Induan) Radiolaria and carbon-isotope ratios of a deep-sea sequence from Waiheke Island, North Island, New Zealand, <i>Palaeoworld</i> , 20, 2–3, 166–178, 2011.
Oliva-Urcia, B., Casas, A. M., Soto, R., Villalain, J. J. and Kodama, K., A transtensional basin model for the Organya basin (central southern Pyrenees) based on magnetic fabric and brittle structures, <i>Geophysical Journal International</i> , 184, 1, 111–130, 2011.
Sato, M., Yamamoto, Y., Nishioka, T., Kodama, K., Mochizuki, N. and Tsunakawa, H., Pressure effect on low-temperature remanence of multidomain magnetite: Change in demagnetization temperature, <i>Geophysical Research Letters</i> , 39, L04305, 2012.
Sakaguchi, A., Kimura, G., Strasser, M., Screamton, J. E., Curewitz, D. and Murayama, M., Episodic seafloor mud brecciation due to great subduction zone earthquakes, <i>Geology</i> , 39, 10, 919–922, 2011.
Domitsu, H., Uchida, J., Ogane, K., Dobuchi, N., Sato, T., Ikehara, M., Nishi, H., Hasegawa, S. and Oda, M., Stratigraphic relationships between the last occurrence of <i>Neogloboquadrina inglei</i> and marine isotope stages in the northwest Pacific, D/V Chikyu Expedition 902, Hole C9001C, <i>Newsletters on Stratigraphy</i> , 44, 2, 113–122, 2011.
Hori, R. S., Yamakita, S., Ikehara, M., Kodama, K., Aita, Y., Sakai, T., Takemura, A., Kamata, Y., Suzuki, N., Takahashi, S., Sporli, K. B. and Grant-Mackie, J. A., Early Triassic (Induan) Radiolaria and carbon-isotope ratios of a deep-sea sequence from Waiheke Island, North Island, New Zealand, <i>Palaeoworld</i> , 20, 2–3, 166–178, 2011.

Moriwaki, H., Suzuki, T., Murata, M., Ikebara, M., Machida, H. and Lowe, D. J., Sakurajima–Satsuma (Sz–S) and Noike–Yumugi (N–Ym) tephras: New tephrochronological marker beds for the last deglaciation, southern Kyushu, Japan, <i>Quaternary International</i> , 246, 1–2, 203–212, 2011.
Sagawa, T., Yokoyama, Y., Ikebara, M. and Kuwae, M., Vertical thermal structure history in the western subtropical North Pacific since the last glacial maximum, <i>Geophysical Research Letters</i> , 38, L00F02, 2011.
Wehrmann, L. M., Risgaard-Petersen, N., Schrum, H. N., Walsh, E. A., Huh, Y., Ikebara, M., D' Hondt, S., Ferdelman, T. G., Ravelo, A. C., Takahashi, K., Zarikian, C. A. and The Integrated Ocean Drilling Program Expedition 323 Scientific Party, Coupled organic and inorganic carbon cycling in the deep subseafloor sediment of the northeastern Bering Sea Slope (IODP Exp. 323), <i>Chemical Geology</i> , 284, 3–4, 251–261, 2011.
Katsuki, K., Ikebara, M., Yokoyama, Y., Yamane, M. and Khim, B.-K., Holocene migration of oceanic front systems over the Conrad Rise in the Indian Sector of the Southern Ocean, <i>Journal of Quaternary Science</i> , 27, 2, 203–210, 2012.
Kiyokawa, S., Ito, T., Ikebara, M., Yamaguchi, K. E., Koge, S. and Sakamoto, R., Lateral variations in the lithology and organic chemistry of a black shale sequence on the Mesoarchean sea floor affected by hydrothermal processes: The Dixon Island Formation of the coastal Pilbara Terrane, Western Australia, Island Arc, (in press).
Kiyokawa, S., Ninomiya, T., Nagata, T., Oguri, K., Ito, T., Ikebara, M. and Yamaguchi, K. E., Effects of tides and weather on sedimentation of iron–oxyhydroxides in a shallow–marine hydrothermal environment at Nagahama Bay, Satsuma Iwo–Jima Island, Kagoshima, southwest Japan, Island Arc, (in press).
Yamazaki, T. and Ikebara, M., Origin of magnetic mineral concentration variation in the Southern Ocean, <i>Paleoceanography</i> , PA2206, (in press).
Fujimori, K., Tsujimoto, K., Moriuchi-Kawakami, T., Shibutani, Y., Ueda, M., Suzue, T., Kimoto, H. and Okamura, K., Determination of sulfide with acidic permanganate chemiluminescence for development of deep-sea in-situ analyzers, <i>Analytical Sciences</i> , 27, 2, 183–186, 2011.
Kawagucci, S., Yoshida, Y. T., Noguchi, T., Honda, M. C., Uchida, H., Ishibashi, H., Nakagawa, F., Tsunogai, U., Okamura, K., Takaki, Y., Nunoura, T., Miyazaki, J., Hirai, M., Lin, W., Kitazato, H. and Takai, K., Disturbance of deep-sea environments induced by the M9.0 Tohoku Earthquake, <i>Scientific Reports</i> , 2, 270, 2012.
Nakamura, K., Watanabe, H., Miyazaki, J., Takai, K., Kawagucci, S., Noguchi, T., Nemoto, S., Watsuji, T., Matsuzaki, T., Shibuya, T., Okamura, K., Mochizuki, M., Orihashi, Y., Ura, T., Asada, A., Marie, D., Koonjul, M., Singh, M., Beedessee, G., Bhikajee, M. and Tamaki, K., Discovery of New Hydrothermal Activity and Chemosynthetic Fauna on the Central Indian Ridge at 18–20S, <i>PLoS ONE</i> , 7, 3, e32965, 2011.
Provin, C., Fukuba, T., Okamura, K. and Fujii, T., Detection of new hydrothermal sources using an in situ integrated analyzer for manganese (IIA–Mn), 2011 IEEE Symposium on Underwater Technology and Workshop on Scientific Use of Submarine Cables and Related Technologies, 1–5, 2011.

<p>野口 拓郎, 岡村 慶, 八田 万有美, 紀本 英志, 鈴江 崇彦, 石橋 純一郎, 山中 寿朗, 藤井 輝夫, 現場型マンガン分析装置の小型軽量化と設置連続観測の実例, 物理探査, 64, 4, 291–297, 2011.</p>
<p>Sato, M., Yamamoto, Y., Nishioka, T., Kodama, K., Mochizuki, N. and Tsunakawa, H., Pressure effect on low-temperature remanence of multidomain magnetite: Change in demagnetization temperature, Geophysical Research Letters, 39, L04305, 2012.</p>
<p>Ishitani, Y., Ujiie, Y., de Vargas, C., Not, F. and Takahashi, K., Phylogenetic relationship and evolutionary pattern of Order Collodaria (Radiolaria), PlosOne, 7(5):e 35775, doi:10.1371/journal.pone.0035775, 2012.</p>
<p>Ishitani, Y., Ujiie, Y., de Vargas, C., Not, F. and Takahashi, K., Two distinct lineages in the radiolarian Order Spumellaria having different ecological preferences, Deep Sea Research Part II: Topical Studies in Oceanography, 61–64, 172–178, 2012.</p>
<p>Tamura, T., Bateman, M. D., Kodama, Y., Saitoh, Y., Watanabe, K., Yamaguchi, N. and Matsumoto, D., Building of shore-oblique transverse dune ridges revealed by ground-penetrating radar and optical dating over the last 500 years on Tottori coast, Japan Sea, Geomorphology, 132, 3–4, 153–166, 2011.</p>
<p>Tamura, T., Kodama, Y., Bateman, M. D., Saitoh, Y., Watanabe, K., Matsumoto, D. and Yamaguchi, N., Coastal barrier dune construction during sea-level highstands in MIS 3 and 5a on Tottori coast-line, Japan, Palaeogeography, Palaeoclimatology, Palaeoecology, 308, 3–4, 492–501, 2011.</p>
<p>Kamikuri, S., Moore, T. C., Ogane, K., Suzuki, N., Paiko, P. and Nishi, H., Radiolarians during early and middle Eocene, IODP Leg 320 Sites U1331, eastern equatorial Pacific, IODP Scientific Result, (in Press).</p>
<p>Kamikuri, S. and Wade, B. S., Radiolarian extinction pulses and biostratigraphy across the middle/late Eocene boundary and their implications for enhanced upwelling in the northwest Atlantic Ocean, Marine Micropaleontology, (in Press).</p>
<p>Moore, T. C. and Kamikuri, S., Radiolarian Stratigraphy across the Eocene – Oligocene Boundary in the Equatorial Pacific from Sites 1218, U1333, and U1334, IODP Scientific Result, (in Press).</p>
<p>Westerhold, T., Wilkens, R., Paike, H., Lyle, M., Dunkley, J., T., B., P., M. T. and Kamikuri, S., Revised composite depth scales and integration of IODP Sites U1331, U1332, U1333, U1334 and ODP Sites 1218, 1219, 1220, IODP Scientific Result, (in Press).</p>
<p>Kamikuri, S., Evolutionary changes in the fossil radiolaria <i>Stichocorys peregrina</i> Lineage on the basis of biometry in the eastern equatorial Pacific (IODP Site U1335) and Northeast Pacific (ODP Site 887), Marine Micropaleontology, (Submitted).</p>
<p>Kamikuri, S., Moore, T. C., Lyle, M., Ogane, K. and Suzuki, N., Early and Middle Eocene radiolarian assemblages in the eastern equatorial Pacific Ocean (IODP Leg 320 Site U1331): faunal changes and implications for paleoceanography, Micropaleontology, (Submitted).</p>
<p>Kamikuri, S., Moore, T. C., Ogane, K., Suzuki, N., Paiko, H. and Nishi, H., Radiolarian biostratigraphy from the early Eocene to early Miocene at IODP Leg 320, Sites U1331, U1332, and U1333 in the eastern equatorial Pacific Ocean, Micropaleontology, (Submitted).</p>

Elbra, T. and Pesonen, L. J., Physical properties of the Yaxcopoil-1 deep drill core, Chicxulub impact structure, Mexico, Meteoritics & Planetary Science, 46, 11, 1640–1652, 2011.
Raiskila, S., Salminen, J., Elbra, T. and Pesonen, L. J., Rock magnetic and paleomagnetic study of the Keurusselka impact structure, central Finland, Meteoritics & Planetary Science, 46, 11, 1670–1687, 2011.
Katsuki, K., Seto, K., M., S., Noguchi, T., Sonoda, T. and Kim, J.-Y., Paleoecological and Paleoenvironmental Changes in Lagoon Notoro-Ko (Japan) during the Last 200 Years Based on Diatom Assemblages and Sediment Chemistry, 地形, 33, 2, 197–217, 2012.
Kawagucci, S., Yoshida, Y. T., Noguchi, T., Honda, M. C., Uchida, H., Ishibashi, H., Nakagawa, F., Tsunogai, U., Okamura, K., Takaki, Y., Nunoura, T., Miyazaki, J., Hirai, M., Lin, W., Kitazato, H. and Takai, K., Disturbance of deep-sea environments induced by the M9.0 Tohoku Earthquake, Scientific Reports, 2, 270, 2012.
Nakamura, K., Watanabe, H., Miyazaki, J., Takai, K., Kawagucci, S., Noguchi, T., Nemoto, S., Watsuji, T., Matsuzaki, T., Shibuya, T., Okamura, K., Mochizuki, M., Orihashi, Y., Ura, T., Asada, A., Marie, D., Koonjul, M., Singh, M., Beedessee, G., Bhikajee, M. and Tamaki, K., Discovery of New Hydrothermal Activity and Chemosynthetic Fauna on the Central Indian Ridge at 18–20S, PLoS ONE, 7, 3, e32965, 2011.
Yoshida-Takashima, Y., Nunoura, T., Kazama, H., Noguchi, T., Inoue, K., Akashi, H., Yamanaka, T., Toki, T., Yamamoto, M., Furushima, Y. and Ueno, Y., Spatial Distribution of Viruses Associated with Planktonic and Attached Microbial Communities in Hydrothermal Environments, Applied and Environmental Microbiology, 78, 5, 1311–1320, 2012.
野口 拓郎, 岡村 慶, 八田 万有美, 紀本 英志, 鈴江 崇彦, 石橋 純一郎, 山中 寿朗, 藤井 輝夫, 現場型マンガン分析装置の小型軽量化と設置連続観測の実例, 物理探査, 64, 4, 291–297, 2011.

## ■査読のない論文

著者・著作名
Ikehara, M., Kochi University Research Project 'Research Center for Global Environmental Change by Earth Drilling Sciences', JSPS San Francisco Newsletter, 25, 11, 2012.
Kim, Y. H., Katsuki, K., Suganuma, Y., Ikehara, M. and Khim, B.-K., Variations of biogenic components in the region off the Lutzow-Holm Bay East Antarctica during the Last 700 Kyr, Ocean and Polar Research, 33, 3, 211–221, 2011.
Onodera, J., Okazaki, Y., Takahashi, K., Okamura, K., and Murayama, M. Distribution of polycystine Radiolaria, Phaeodaria and Acantharia in the Kuroshio Current off Shikoku and Tosa Bay during Cruise KT07-19 in August 2007, Memoirs of the Faculty of Science, Kyushu University, Series D, Earth and Planetary Sciences, 32, 39–61, 2011

安田 尚登, 東部南海トラフ海域のコア試料を用いた年代推定に関する研究, 平成 23 年度独立行政法人石油天然ガス・金属鉱物資源機構 - 高知大学共同研究報告書, 1-15, 2012.

岡村 千恵子, 岡村 慶, ミドル・レベル教育を中心に据えたアメリカの初等・中等教育改革に関する一考察, 高知大学学術研究報告, 60, 1-14, 2011.

村山 雅史, 豊村 克則, 坂 耕多, 成田 尚史, 加藤 義久, 四国沖表層堆積物の AMS14C 年代による堆積速度と有機物運搬過程, 第 12 回 AMS シンポジウム報告集, 77-80, 2011.

池原 実, 南極寒冷圏変動史の解説 : 第四紀の全球気候システムにおける南大洋の役割を評価する, 高知大学リサーチマガジン, 7, 4-5, 2011.

池原 実, 掘削コア科学による地球環境システム変動研究拠点, 高知大学リサーチマガジン, 7, 14-15, 2012.

斎藤 有, 北川 善理, 村山 雅史, 南海トラフへの碎屑物供給(AO, ST 地点含む), KH-11-09 Cruises Report, 4, 9, 2011.