

教授昇任に係る教員選考調書

ふりがな	いじり あきら		
氏 名	井尻 暁		
昇任時年齢			
現 職 名	准教授		
所 属	海洋安全システム科学講座 海洋基礎科学分野		
最終卒業・修了 学校、学部等 (卒・修了等年月)	北海道大学大学院理学研究科地球惑星科学専攻博士課程		
	(2003年12月修了)		
学 位	修士(地球環境科学)(北海道大学)		
	博士(理学)(北海道大学)		
業績	教員選考委員会審査結果数		
	論文数	論文数(有審査)	54
		(うち第一著者)	20
		(うち英文による第一著者)	18
	その他		
審査分野	理工学分野(理工学)		
備 考 (教員歴: 助教以上 現大学院担当)	教員歴3年(准教授3年) 前期課程研究指導担当(Mマル合) 後期課程研究指導担当(Dマル合)		

教員個人調書（理工学・商船学（研究）分野）

2023年9月28日

氏名（ふりがな）	井尻 暁（いじり あきら）
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（学 歴）

入学・卒業（修了・取得）年月	学部・学科及び専攻名（学位・免状）
1993年4月	信州大学理学部地質学科 入学
1998年3月	同上 卒業 学士（理学）
1998年4月	北海道大学大学院地球環境科学研究科地圏環境科学専攻 修士課程 入学
2000年3月	同上 修了 修士（地球環境科学）
2000年4月	北海道大学大学院理学研究科地球惑星科学専攻 博士課程 入学
2003年12月	同上 修了 博士（理学）

（職 歴）

異 動 年 月	所属，職名，職務内容，担当科目等
2004年1月	北海道大学理学研究科 COE 研究員（新・新自然史創成）
2007年4月	独立行政法人海洋研究開発機構 ポストドクトラル研究員
2010年4月	東京大学大学院理学研究科 特任研究員（新学術領域 海底下の大河）
2011年4月	独立行政法人海洋研究開発機構高知コア研究所 研究員 （2011年4月～2018年3月：同機構海底資源研究開発センター兼務）
2014年4月	主任研究員
2021年4月	神戸大学大学院海事科学研究科 准教授
	国立研究開発法人海洋研究開発機構高知コア研究所 招聘主任研究員（兼務）
2021年12月	国立研究開発法人産業技術総合研究所招聘型外来研究員（兼務）
	現在に至る

[1] 学会における活動

(1) 加入学会

- 日本地質学会，正会員（2004年6月－現在）
- 日本地球化学会，正会員（2008年4月－現在）
- 日本有機地球化学会，正会員（2017年6月－現在）
- 地球環境史学会，正会員（2018年5月－現在）

(2) 役員歴

- 東京大学大気海洋研究所研究船共同利用運営委員会研究船運航部会委員（2022年4月－現在）

日本地球化学会理事 (2021年9月-現在)

J-DESC IODP 科学推進専門部会委員副委員長 (2023年4月-現在)

J-DESC IODP 科学推進専門部会委員 (2020年4月-現在)

J-DESC IODP 掘削科学専門部会委員 (2020年4月-現在)

地質学雑誌ゲスト編集委員 (2017年10月-2020年2月)

日本地球掘削科学コンソーシアム(J-DESC) IODP 科学技術専門部会委員 (2018年4月-2019年3月)

(3) 受賞

該当なし

[2] 社会における活動

室戸ユネスコ世界ジオパーク 1日先生: JAMSTEC 研究者になんでも聞いてみよう, 2020年3月.

第8回海洋と地球の学校, 講師「科学海洋掘削による海底下生命圏の探査」 2013年3月.

独立行政法人石油天然ガス・金属鉱物資源機構 (JOGMEC) 「微生物起源ガスに係るオンラインセミナー」, 講師, 2020年12月.

[3] 賞罰

1. PNAS, Cozzareli Prize 2017, Applied Biological, Agricultural, and Environmental Science
“Methyl-compound use and slow growth characterize microbial life in 2-km-deep subseafloor coal shale beds” Trembath-Reichert, E., Morono, Y., Ijiri, A., Hoshino, T., Dawson, K.S., Inagaki, F., Orphan, V.J., October 2017.
2. Paleo-3 Most Cited Paper 2003-2007 Award, Paleoenvironmental changes in the northern area of the East China Sea during the past 42,000 years. Ijiri, A., Wang, L., Oba, T., Kawahata, H, Huang, C-Y., Huang, C-Y., May 2007.
3. 日本古生物学会論文賞 第六十三号, 北海道中川地域の白亜系蝦夷層群に見つかった異例に保存の良い湧水性化石群集, 疋田吉織, 鈴木清一, 都郷義寛, 井尻暁, 2005年7月.

[4] 大学院における学位論文指導歴

琉球大学修士課程1人(副査)(2022年3月修了)

研究生受入

高知大学修士課程1人(2020年3月修了)、九州大学修士課程2人(2020年3月修了、2021年3月修了)、京都大学博士課程1人(2018年3月修了)

[5] 代表者として得た研究費

[獲得年度(西暦), 研究プロジェクト名, (研究費種目, 科研費の場合は課題番号/その他の場合は資金を得た機関名), 金額(千円)]

(1) 科学研究費

2023-2024年度, メタン・二酸化炭素凝集同位体温度指標を応用した新しい地化学地熱探査手法の開発, 挑戦的研究(萌芽), 23K17705, 6,370

2022-2023年度, 石英脈微小流体包有物の直接化学分析によって解き明かす地震発生帯流体の起源と挙動, 学術変革領域研究(A)(公募研究), 22H05308, 9,880

2020-2022 年度, 海底泥火山を介した地下深部生命, 炭素の海洋への拡散・循環モデルの構築
基盤研究(B), 20H04315, 17,550

2018-2021 年度, 太古代地質試料の生物源有機分子イメージングで解き明かす光合成生物誕生と進化
挑戦的研究(萌芽), 18K18796, 6,240

2017-2019 年度, 高感度メタン同位体分子温度指標分析による微生物起源メタンの生成・集積過程の解析
基盤研究(B), 17H01871, 18,200

2015-2017 年度, 縞状堆積物のバイオマーカーイメージングによる高時間分解古気候復元
挑戦的萌芽研究, 3,770

2014-2016 年度, メタンの同位体分子温度指標を用いた海底下地殻内環境の調査
基盤研究(B), 26287128, 17,290

2011-2013 年度, 海底堆積物中二酸化炭素の微生物変換の検証～二酸化炭素貯留の基礎研究
若手研究(A), 23681007, 26,780

2009-2011 年度, 極微小珪質プランクトンの酸素同位体比測定法の開発
挑戦的萌芽研究, 21654072, 3,310

2007-2008 年度, 自生炭酸塩岩の同位体分子指標を用いた沈み込み帯の間隙流体移動の長期観測
萌芽研究, 19654074, 3,500

(2) 共同研究／受託研究／その他（公募型研究助成）

2007 年度, サイズ排除クロマトグラフィーを用いた連続フロー型質量分析システムによる溶存有機炭素のサイズ別濃度・炭素同位体比定量法の開発
研究助成, クリタ水・環境科学振興財団研究助成, 萌芽的研究, 400

[6] 業績

(1) 発明・特許取得

[発明者, 特許名, 登録番号, 登録年月日(西暦)]

特記事項:

1. 稲垣史生, 井尻暁, 二酸化炭素の再資源化方法
特願 2013-116581, 2013.06.03
特開 2014-233248, 2014.12.15
特許 6202371 号, 2017.09.08

(2) 著書

[著者, 著書名, 担当部分(章/頁など), 発行所, 発行年月(西暦), 学術著書/教科書等の別, ISBN]

1. Yamanaka, T., Nagashio, H., Nishio, R., Kondo, K., Noguchi, T., Okamura, K., Nunoura, T., Makita, H., Nakamura, K., Watanabe, H., Inoue, K., Toki, T., Iguchi, K., Tsunogai, U., Nakada, R., Ohshima, S., Toyoda, S., Kawai, J., Yoshida, N., Ijiri, A., Sunamura, M., The Tarama Knoll: Geochemical and Biological Profiles of Hydrothermal Activity. In: *Subseafloor Biosphere Linked to Global Hydrothermal Systems; TAIGA Concept*, K. Okino, J. Ishibashi and M. Sunamura (eds.), Springer, pp.497-504, 2015. 学術著書

DOI:10.1007/978-4-431-54865-2_40

Total Citation (Google Scholar): 11

2. Noguchi, T., Fukuba, T., Okamura, K., Ijiri, A., Yanagawa, K., Ishitani, Y., Fujii, T., Sunamura, M., Distribution and Biogeochemical Properties of Hydrothermal Plumes in the Rodriguez Triple Junction, In: Subseafloor Biosphere Linked to Global Hydrothermal Systems; *TAIGA Concept*, K. Okino, J. Ishibashi and M. Sunamura (eds.), Springer, pp.195–204, 2015. 学術著書

DOI:10.1007/978-4-431-54865-2_40

Total Citation (Google Scholar): 3

特記事項： [学会賞の受賞など]

無し

(3) 学術論文 (有審査論文：ジャーナル)

[著者, 題目, 掲載誌, 巻(号), 頁, 発行年月(西暦), DOI]

特記事項： [論文賞の受賞(受賞年月) など]

1. ○*Ijiri, A., Setoguchi, R., Mitsutome, Y., Toki, T., Murayama, M., Hagino, K., Hamada, Y., Yamagata, T., Matsuzaki, H., Tanikawa, W., Tadai, O., Kitada, K., Hoshino, T., Noguchi, T., Ashi, J., Inagaki, F. Origins of sediments and fluids in submarine mud volcanoes off Tanegashima Island, northern Ryukyu Trench, Japan. *Frontiers in Earth Science*, Vol. 11, 1206810. July 2023.
DOI: 10.3389/feart.2023.1206810
Impact Factor: 2.9 (2023), Total Citation: 0 (Google Scholar)
特記事項: 指導学生(高知大学大学院修士課程 2022 年修了)
2. *Mitsutome, Y., Toki, T., Kagoshima, T., Sano, Y., Tomonaga, Y., Ijiri, A., Estimation of the depth of origin of fluids using noble gases in the surface sediments of submarine mud volcanoes off Tanegashima Island. *Scientific Report*, Vol. 13, 5051, April 2023. (国際共著)
DOI: 10.1038/s41598-023-31582-z
Impact Factor: 4.6 (2023), Total Citation: 0 (Google Scholar)
特記事項: 指導学生(副査)(琉球大学大学院修士課程 2022 年修了)
3. *Kato, Y., Morono, Y., Ijiri, A., Terada, T., Ikehara, M. A simple method for taxon-specific purification of diatom frustules from ocean sediments using a cell sorter. *Progress in Earth and Planetary Science*, Vol. 10, pp. 1–15, March 2023.
DOI: 10.1186/s40645-023-00543-5
Impact Factor: 3.9 (2023), Total Citation: 0 (Google Scholar)
4. 早稲田周, 奥村文章, 井尻暁, 岩野裕継, 新潟堆積盆の地表ガス徴および泥火山から産出するガスの起源・移動・変質. *石油技術協会誌*, Vol. 87, pp. 454–462. 2022 年 11 月
被引用件数: 0 (Google Scholar)
5. *Nobu, M.K., Nakai, R., Tamazawa, S., Mori, H., Toyoda, A., Ijiri, A., Suzuki, S., Kurokawa, K., Kamagata, Y., Tamaki, H., Unique H₂-utilizing lithotrophy in serpentinite-hosted systems. *The ISME Journal*, Vol. 17, pp. 95-104, October 2022.

DOI: 10.1038/s41396-022-01197-9

Impact Factor: 11 (2022), Total citation: 5 (Google Scholar)

6. *Toki, T., Kataoka, H., Takada, R., Nakaya, S., Oshima, S., Ijiri, A. Spring discharge mechanism along the southeast coast of Yonaguni Island in the southern Ryukyu forearc. *Journal of Hydrology-Regional Studies*, Vol. 40, 101051, March 2022.
DOI: 10.1016/j.ejrh.2022.101051
Impact Factor: 4.7 (2023), Total Citation: 0 (Google Scholar)
7. ○*Ijiri, A., Izumi, T., Morono, Y., Kato, Y., Terada, T., Ikehara, M., Purification of disc-shaped diatoms from the Southern Ocean sediment by a cell sorter to obtain an accurate oxygen isotope record. *ACS Earth and Space Chemistry*, Vol. 5, pp.2792-2806, September 2021.
DOI:10.1021/acsearthspacechem.1c00201
Impact Factor 3.556 (2021), Total Citation: 2 (Google Scholar)
特記事項: ACS Editors' Choice, September 2021, 指導学生(研究生)(高知大学修士課程 2020 年修了)
8. 谷川亘, 村山雅史, 井尻暁, 廣瀬丈洋, 浦本豪一郎, 星野辰彦, 田中幸記, 山本祐二, 濱田洋平, 岡崎啓史, 徳山英一, 南海地震水没災害伝承の痕跡発掘に向けた沿岸域海底調査: 須崎市野見湾を例に, *沿岸海洋研究*, vol. 59, pp. 21-31, 2021 年 9 月
DOI: 10.32142/engankaiyo.2021.4.001
被引用件数: 0 (Google Scholar)
9. *Heuer, V.B., Inagaki, F., Morono, Y., Kubo, Y., Spivack, A.J., Viehweger, B., Treude, T., Beulig, F., Schubotz, F., Tonai, S., Bowden, S.A., Cramm, M., Henkel, S., Hirose, T., Homola, K., Hoshino, T., Ijiri, A., Imachi, H., Kamiya, N., Kaneko, M., Lagostina, L., Manners, McClelland, H-L., Metcalfe, K., Okutsu, N., Pan, D., Raudsepp, M.J., Sauvage, J., Tsang, M-Y., Wang, D.T., Whitaker, E., Yamamoto, Y., Yang, K., Maeda, L., Adhikari, R.R., Glombitza, C., Hamada, Y., Kallmeyer, J., Wendt, J., Wörmer, L., Yamada, Y., Kinoshita, M., Hinrichs, K-U., Temperature limits to deep subsurface life in the Nankai Trough subduction zone, *Science*, Vol.370, pp.1230-1234, Dec, 2020. (国際共著)
DOI: 10.1126/science.abd7934
Impact Factor: 47.728 (2020), Total Citation: 55 (Google Scholar)
特記事項: 95th パーセンタイル in 2020
10. *Tsang, M-Y., Bowden, S., Wang, Z. Mohammed, A., Tonai, S., Muirhead, D. K., Yang, K., Yamamoto, Y., Kamiya, N., Okutsu, N., Hirose, T., Kars, M., Schubotz, F., Ijiri, A., Yamada, Y., Kubo, Y., Morono, Y., Inagaki, F., Heuer, V., Hinrichs, K-U., Hot Fluids, Burial Metamorphism and Thermal Histories in the Underthrust Sediments at IODP 370 Site C0023, Nankai Accretionary Complex, *Marine and Petroleum Geology*, Vol.112, 104080, February, 2020. (国際共著)
DOI:10.1016/j.marpetgeo.2019.104080
Impact Factor: 4.348 (2020), Total Citation: 6 (Google Scholar)
11. ○井尻暁, 泥火山における生物地球化学過程とその意義, *地質学雑誌*, Vol.126, pp.29-37, 2020 年 1 月.
DOI:10.5575/geosoc.2019.0044
被引用件数: 1 (Google Scholar)

12. ○ *[Ijiri, A.](#), Haraguchi, S., Jiménez-Espejo, F.J., Komai, N., Suga, H., Kinoshita, M., Inagaki, F., Yamada, Y. NGHP Expedition 02 JAMSTEC Science Team, Origin of low-chloride fluid in sediments from the eastern continental margin of India, results from the National Gas Hydrate Program Expedition 02, *Marine and Petroleum Geology*, Vol.108, pp.377-388, October, 2019.
DOI:10.1016/j.marpetgeo.2018.06.014
Impact Factor: 3.790 (2019), Total Citation: 11 (Google Scholar)
13. *Kinoshita, M., [Ijiri, A.](#), Haraguchi, S., Jiménez-Espejo, F. J., Komai, N., Suga, H., Sugihara, T., Yamada, Y., NGHP Expedition JAMSTEC Science Team, Constrains on the fluid and gas supply rate both into and through gas hydrate reservoir systems as inferred from pore-water chloride and *in situ* temperature profiles, Krishna-Godavari Basin, India, *Marine and Petroleum Geology*, Vol.108, pp.377-388, October, 2019.
DOI:10.1016/j.marpetgeo.2018.12.049
Impact Factor: 3.790 (2019), Total Citation: 6 (Google Scholar)
14. *Morono, Y., Wishart, J., Ito, M., [Ijiri, A.](#), Hoshino, T., Torres, M., Verba, C., Terada, T., Inagaki, F., Colwell, F., Microbial Metabolism and Community Dynamics in Hydraulic Fracturing Fluids Recovered from Deep Hydrocarbon-Rich Shale, *Frontiers in Microbiology*, Vol.10, 376, March, 2019. (国際共著)
DOI:10.3389/fmich.2019.00376
Impact Factor: 4.235 (2019), Total Citation: 13 (Google Scholar)
15. *Imachi, H., Tasumi, E., Takaki, Y., Hoshino, T., Schubotz, F., Gan, S., Tu, T-H., Saito, Y., Yamanaka, Y., [Ijiri, A.](#), Matsui, Y., Miyazaki, M., Morono, Y., Takai, K., Hinrichs, K-U. Inagaki, F., Cultivable microbial community in 2-km-deep, 20-million-year-old subseafloor coalbeds through ~1000 days anaerobic bioreactor cultivation, *Scientific Reports*, Vol.9, 2305, February, 2019. (国際共著)
DOI:10.1038/s41598-019-38754-w
Impact Factor: 3.998 (2019), Total Citation: 20 (Google Scholar)
16. *Ota, Y., Kawahata, H., Kuroda, J., Yamaguchi, A., Suzuki, A., Araoka, D., Abe-Ouchi, A., Yamada, Y., [Ijiri, A.](#), Kanamatsu, T., Kinoshita, M., Moe, K. T., Lin, W., Saito, S., Sanada, Y., Hamada, H., Nakamura, Y., Shinmoto, Y., Wu, H. Y., Ahagon, N., Aoike, K., Iijima, K., Machiyama, H., Tejada, M. L., Umetsu, K., Usui, Y., Yamamoto, Y., Yoshikawa, S., Jiménez-Espejo, F.J., Haraguchi, S., Komai, N., Suga, H., Abe, N., Gupta, L., Hirose, T., Masaki, Y., Nomura, S., Sugihara, T., Tanikawa, W., Kubo, Y., Maeda, L., Toczko, S., Indian Monsoonal Variations During the Past 80 Kyr Recorded in NGHP-02 Hole 19B, Western Bay of Bengal: Implications From Chemical and Mineral Properties, *Geochemistry, Geophysics, Geosystems*, Vol.20, pp.148-165, November, 2018.
DOI:10.1029/2018GC007772
Impact Factor: 2.946 (2018), Total Citation: 15 (Google Scholar)
17. *Hamada, Y., Hirose, T., [Ijiri, A.](#), Yamada, Y., Sanada, Y., Saito, S., Sakurai, N., Sugihara, T., Yokoyama, T., Saruhashi, T., Hoshino, T., Kamiya, N., Bowden, S., Cramm, M., Henkel, S., Homola, K., Imachi, H., Kaneko, M., Lagostina, L., Manners, H., McClelland, H-L., Metcalfe, K., Okutsu, N., Pan, D., Raudsepp, M. J., Sauvage, J., Shubotz, F., Spivack, A., Tonai, S., Treude, T., Tsang, M-Y., Viehweger, B., Wang, D. T., Whitaker, E., Yamamoto, Y, Yang, K.,

Kinoshita, M., Maeda, L., Kubo, Y., Morono, Y., Inagaki, F., Heuer, V. B., In-situ mechanical weakness of subducting sediments beneath a plate boundary décollement in the Nankai Trough, *Progress in Earth and Planetary Science*, Vol.5, 70, November, 2018. (国際共著)

DOI:10.1186/s40645-018-0228-z

Impact Factor: 2.676 (2018), Total Citation: 6 (Google Scholar)

18. ○*Miyajima, Y.[†], Ijiri, A.[†], Miyake, A., Hasegawa, T., Origin of methane and heavier hydrocarbons entrapped within Miocene methane-seep carbonates from central Japan, *Chemical Geology*, Vol.498, pp.83-95, October, 2018. (†Double corresponding authors)

DOI: 10.1016/j.chemgeo.2018.09.014

Impact Factor: 3.618 (2018), Total Citation: 6 (Google Scholar)

特記事項:指導学生(研究生)(京都大学博士課程 2018 年修了)

19. ○*Ijiri, A., Okamura, K., Ohta, J., Nishio, Y., Hamada, Y., Iijima, K., Inagaki, F., Uptake of porewater phosphate by REY-rich mud in the western North Pacific Ocean. *Geochemical Journal*, Vol.52, pp.373-378, July, 2018.

DOI: 10.2343/geochemj.2.0522

Impact Factor: 0.990 (2018), Total Citation: 2 (Google Scholar)

20. ○*Ijiri, A., Iijima, K., Tsunogai, U., Ashi, J., Inagaki, F., Clay mineral suites in submarine mud volcanoes in the Kumano forearc basin, Nankai Trough—Constraints on the origin of mud-volcano sediments. *Geosciences*, Vol.8, 220, June, 2018.

DOI:10.3390/geosciences8060220

Impact Factor: 0.391 (2018), Total Citation: 6 (Google Scholar)

21. ○*Ijiri, A., Inagaki, F., Kubo, Y., Adhikari, R. R., Hattori, S., Hoshino, T., Imachi, H., Kawagucci, S., Morono, Y., Ohtomo, Y., Ono, S., Sakai, S., Takai, K., Toki, T., Wang, D. T., Yoshinaga, M. Y., Arnold, G. L., Ashi, J., Case, D., Fesker, T., Hinrichs, K.-U., Ikenaga, Y., Ikehara, M., Kallmeyer, J., Kumagai, H., Lever, M. A., Morita, S., Nakamura, K., Nakamura, Y., Nishizawa, M., Orphan, V., Røy, H., Schmidt, F., Tani, A., Tanikawa, W., Terada, T., Tomaru, H., Tsuji, T., Tsunogai, U., Yamaguchi, Y. T., Yoshida, N., Deep-biosphere methane production stimulated by geofluids in the Nankai accretionary complex. *Science Advances*, Vol.4, eaao4631, June, 2018. (国際共著)

DOI: 10.1126/sciadv.aao4631

Impact Factor: 12.804 (2018), Total Citation: 67 (Google Scholar)

特記事項: 96th パーセンタイル in 2018

22. ○*Ijiri, A., Tomioka, N., Wakaki, S., Masuda, H., Shozugawa, K., Kim, S., Khim, B.-K., Murayama, M., Matsuo, M., Inagaki, F., Low-temperature clay mineral dehydration contributes to porewater dilution in Bering Sea Slope seafloor. *Frontiers in Earth Science*, Vol.6, 36, April, 2018. (国際共著)

DOI: 10.3389/feart.2018.00036

Impact Factor: 1.148 (2018), Total Citation: 17 (Google Scholar)

23. 稲垣史生, 諸野祐樹, 星野辰彦, 井尻暁, 肖楠, 鈴木志野, 石井俊一, 浦本豪一郎, 寺田武志, 井町寛之, 久保雄介, 海底下深部生命圏フロンティアの探究と将来展望. *地質学雑誌*, Vol.124, No.1, pp. 77-92, 2018 年 1 月.

DOI: 10.5575/geosoc.2017.0079

被引用件数 : 2 (Google Scholar)

24. ○* Case, D. C.[†], [Ijiri, A.](#)[†], Morono, Y., Tavormina, P., Orphan, V. J., Inagaki, F., Aerobic and anaerobic methanotrophic communities associated with methane hydrates exposed on the seafloor: A high-pressure sampling and stable isotope-incubation experiment. *Frontiers in Microbiology*, Vol.8, 2569 (†Contributed equally to this work), December, 2017. (国際共著)
DOI:10.3389/fmicb.2017.02569
Impact Factor: 4.019 (2017), Total Citation: 18 (Google Scholar)
特記事項 : †二人の人物が同等に筆頭著者としての貢献をしたことを示す。
25. *Trembath-Reichert, E., Morono, Y., [Ijiri, A.](#), Hoshino, T., Dawson, K. S., Inagaki, F., Orphan, V. J., Methyl-compound use and slow growth characterize microbial life in 2-km-deep subseafloor coal and shale beds. *Proceedings of the National Academy of Sciences of the United States of America*, Vol.114, E9206-E9215, October, 2017. (国際共著)
DOI:10.1073/pnas.1707525114.
Impact Factor: 9.504 (2017), Total Citation: 96 (Google Scholar)
特記事項 : PNAS, Cozzareli Prize 2017 受賞 (2017年5月), 95th パーセンタイル in 2017
26. *Yanagawa, K., [Ijiri, A.](#), Breuker, A., Sakai, S., Miyoshi, Y., Kawagucci, S., Nogushi, T., Hirai, M., Schippers, A., Ishibashi, J., Takai, K., Sunamura, M., Urabe, T., Nunoura, T., and Takai, K., Defining boundaries for the distribution of microbial communities beneath the sediment-buried, hydrothermally active seafloor, *ISME Journal*, Vol.11, pp.529-542, October, 2017. (国際共著)
DOI: 10.1038/ismej.2016.119
Impact Factor: 9.520 (2017), Total Citation: 20 (Google Scholar)
27. *Hoshino, T., Toki, T., [Ijiri, A.](#), Morono, Y., Machiyama, H., Ashi, J., Okamura, K., Inagaki, F., *Atribacteria* from the subseafloor sedimentary biosphere disperse to the hydrosphere through submarine mud volcanoes. *Frontiers in Microbiology*, Vol.8, 1135, June, 2017.
DOI:10.3389/fmicb.2017.01135
Impact Factor: 4.019 (2017), Total Citation: 47 (Google Scholar)
28. ○[Ijiri, A.](#), Ikegawa, Y., Inagaki, F., Data report: permeability of ~1.9 km deep coal-bearing formation samples off the Shimokita Peninsula, Japan, *In*: Inagaki, F., Hinrichs, K.-U., Kubo, Y., the Expedition 337 Scientists, *Proceedings of the Integrated Ocean Drilling Program*, Vol.337, 2017.
DOI: 10.2204/iodp.proc.337.202.2017
Total Citation: 5 (Google Scholar)
29. *Iijima, K., Yasukawa, K., Fujinaga, K., Nakamura, K., Machida, S., Takaya, Y., Ohta, J., Haraguchi, S., Nishio, Y., Usui, Y., Nozaki, T., Yamazaki, T., Ichiyama, Y., [Ijiri, A.](#), Inagaki, F., Machiyama, H., Suzuki, K., and Kato, Y., Discovery of extremely REY-rich mud in the western North Pacific Ocean. *Geochemical Journal*, Vol.50, pp.557-573, November, 2016.
DOI:10.2343/geochemj.2.0431
Impact Factor: 0.991 (2016), Total Citation: 90 (Google Scholar)
特記事項 : 91th パーセンタイル in 2016
30. *Fujinaga, K., Yasukawa, K., Nakamura, K., Machida, S., Takaya, Y., Ohta, J., Araki, S., Liu, H., Usami, R., Maki, R., Haraguchi, S., Nishio, Y., Usui, Y., N., Yamazaki, T., Ichiyama, Y.,

Ijiri, A., Inagaki, F., Machiyama, H., Iijima, K., Suzuki, K., Kato Y., Geochemistry of REY-rich mud in the Japanese Exclusive Economic Zone around Minamitorishima Island. *Geochemical Journal*, Vol.50, pp.575-590, November, 2016.

DOI:10.2343/geochemj.2.0432

Impact Factor: 0.991 (2016), Total Citation: 45 (Google Scholar)

31. *Toki, T., Itoh, M., Iwata, D., Ohshima, S., Shinjo, R., Ishibashi, J., Tsunogai, U., Takahata, N., Sano, Y., Yamanaka, T., Ijiri, A., Okabe, N., Gamo, T., Muramatsu, Y., Ueno, Y., Kawagucci, S., Takai, K., Geochemical characteristics of hydrothermal fluids at Hatoma Knoll in the southern Okinawa Trough, *Geochemical Journal*, Vol.50, pp.493-525, November, 2016.

DOI: 10.2343/geochemj.2.0449

Impact Factor: 0.991 (2016), Total Citation: 23 (Google Scholar)

32. *Nobuhara, T., Onda, D., Sato, T., Aosawa, H., Ishimura, T., Ijiri, A., Tsunogai, U., Kikuchi, N., Kondo, Y., Kiel, S., Mass occurrence of the enigmatic gastropod *Elmira* in the Late Cretaceous Sada Limestone seep deposit in southwestern Shikoku, Japan. *PalZ*, Vol.90, pp.701-722, September, 2016. (国際共著)

DOI:10.1007/s12542-016-0326-4

Impact Factor: 1.095 (2016), Total Citation: 10 (Google Scholar)

33. *Kikuchi, S., Makita, H., Konno, U., Shiraishi, F., Ijiri, A., Takaki, Y., Maeda, M., Takahashi, Y., Limited reduction of ferrihydrite encrusted by goethite in freshwater sediment, *Geobiology*, Vol.14, pp.374-389, March, 2016.

DOI:10.1111/gbi.12181

Impact Factor: 3.462 (2016), Total Citation: 12 (Google Scholar)

34. *Inagaki, F., Hinrichs, K.-U., Kubo, Y., Bowles, M. W., Heuer, V. B., Hong, W-L., Hoshino, T., Ijiri, A., Imachi, H., Ito, M., Kaneko, M., Lever, M. A., Lin, Y-S., Methé, B. A. Morita, S., Morono, Y., Tanikawa, W., Bihan, M., Bowden, S. A., Elvert, M., Glombitza, C., Gross, D., Harrington, G. J. Hori, T., Li, K., Limmer, D., Liu, C-H., Murayama, M., Ohkouchi, N., Ono, S., Park, Y.-S., Phillips, S. C., Prieto-Mollar, X., Purkey, M., Riedinger, N., Sanada, Y., Sauvage, J., Snyder, G., Susilawati, R., Takano, Y., Tasumi, E., Terada, T., Tomaru, H., Trembath-Reichert, E., Wang, D. T., Yamada, Y., Exploring deep microbial life in coal-bearing sediment down to ~2.5 km below the ocean floor. *Science*, Vol.349, pp.420-424, July, 2015. (国際共著)

DOI:10.1126/science.aaa6882

Impact Factor: 34.661 (2015), Total Citation: 385 (Google Scholar)

特記事項 : 99th パーセンタイル in 2015

35. *Nishio, Y., Ijiri, A., Toki, T., Morono, Y., Tanimizu, M., Nagaishi, K., Inagaki, F., Origins of lithium in submarine mud volcano fluid in the Nankai accretionary wedge, *Earth and Planetary Science Letters*, Vol.414, pp.144-155, March, 2015.

DOI: 10.1016/j.epsl.2015.01.018

Impact Factor: 4.326 (2015), Total Citation: 43 (Google Scholar)

36. *Toki, T., Higa, R., Ijiri, A., Tsunogai, U., Ashi, J., Origin and transport of pore fluids in the Nankai accretionary prism inferred from the chemical and isotopic compositions of pore water at cold seep sites off Kumano, *Earth, Planets and Space*, Vol.66, 137, October, 2014.

DOI: 10.1186/s40623-014-0137-3

Impact Factor: 3.056 (2013), Total Citation: 19 (Google Scholar)

37. *Yanagawa, K., Breuker, A., Schippers, A., Nishizawa, M., Ijiri, A., Hirai, M., Takaki, Y., Sunamura, M., Urabe, T., Nunoura, T., Takai, K., Microbial community stratification controlled by the subseafloor fluid flow and geothermal gradient at the Iheya North hydrothermal field in the Mid-Okinawa Trough (IODP Expedition 331), *Applied and Environmental Microbiology*, Vol.80, pp.6126–6135, October, 2014. (国際共著)
DOI:10.1128/AEM.01741-14
Impact Factor: 3.668 (2014), Total Citation: 30 (Google Scholar)
38. ○*Ijiri, A., Yamane, M., Ikehara, M., Yokoyama, Y., Okazaki, Y., Online oxygen isotope analysis of sub-milligram quantities of biogenic opal using the inductive high-temperature carbon reduction method coupled with continuous-flow isotope ratio mass spectrometry, *Journal of Quaternary Science*, Vol.29, pp.455-462, July, 2014.
DOI: 10.1002/jqs.2716
Impact Factor: 3.357 (2014), Total Citation: 5 (Google Scholar)
39. 土岐知弘, 比嘉良作, 棚原朗, 井尻暁, 角皆潤, 芦寿一郎, 熊野泥火山における間隙水の起源, *地球化学*, Vol.47, pp.221-236, 2013年12月.
DOI:10.14934/chikyukagaku.47.221
被引用件数 : 2 (Google Scholar)
40. ○*Ohtomo, Y.†, Ijiri, A.†, Ikegawa, Y., Tsutsumi, M., Imachi, H., Uramoto, G., Hoshino, T., Morono, Y., Sakai, S., Saito, Y., Tanikawa, W., Hirose, T., Inagaki, F., Biological CO₂ conversion to acetate in subsurface coal-sand formation using a high-pressure reactor system, *Frontiers in Microbiology*, Vol.4, 361(†Contributed equally to this work), December, 2013.
DOI: 10.3389/fmicb.2013.00361
Impact Factor: 3.941 (2013), Total Citation: 28 (Google Scholar)
特記事項 : †二人の人物が同等に筆頭著者としての貢献をしたことを示す。
41. ○*Ijiri, A., Ohtomo, Y., Morono, Y., Ikehara, M., and Inagaki, F., Increase in acetate concentrations during sediment sample onboard storage: a caution for pore-water geochemical analyses, *Geochemical Journal*, Vol.47, 567-571, October, 2013.
DOI: 10.2343/geochemj.2.0272
Impact Factor: 1.942 (2013), Total Citation: 2 (Google Scholar)
42. ○*Ijiri, A., Harada, N., Hirota, A., Tsunogai, U., Ogawa, N.O., Itaki, T., Khim, B.-K., Uchida, M., Biogeochemical processes involving acetate in sub-seafloor sediments from the Bering Sea shelf break, *Organic Geochemistry*, Vol.48, pp.47-55, July, 2012. (国際共著)
DOI: 10.1016/j.orggeochem.2012.04.004
Impact Factor: 2.518 (2012), Total Citation: 21 (Google Scholar)
43. *Toki, T., Uehara, Y., Kinjo, K., Ijiri, A., Tsunogai, U., Tomaru, H., Ashi, J., Methane production and accumulation in the Nankai accretionary prism: Results from IODP Expeditions 315 and 316, *Geochemical Journal*, Vol.46, pp.89-106, April, 2012.
DOI: 10.2343/geochemj.1.0155
Impact Factor: 0.758 (2012), Total Citation: 27 (Google Scholar)
44. *Harada, N., Sato, M., Seki, O., Timmermann, A., Moossen, H., Bendled, J., Nakamura, Y., Kimoto, K., Okazaki, Y., Nagashima, K., Gorbarenko, S. A., Ijiri, A., Nakatsuka, T., Menviel,

- L., Chikamoto, M. O., Abe-Ouchi, A., and Schouten, S, Sea surface and subsurface temperature changes in the Okhotsk Sea and adjacent North Pacific during the last glacial maximum and deglaciation, *Deep Sea Research II*, Vol.61-64, pp.93-105, February-March, 2012. (国際共著)
DOI: 10.1016/j.dsr2.2011.12.007
Impact Factor: 2.243 (2012), Total Citation: 43 (Google Scholar)
45. * Seki, O., Harada, N., Sato, M., Kawamura, K., Ijiri, A., Nakatsuka, T., Assessment for paleoclimatic utility of terrestrial biomarker record in the Okhotsk Sea sediments, *Deep Sea Research II*, Vol.61-64, pp.85-92, February-March, 2012.
DOI: 10.1016/j.dsr2.2011.03.008
Impact Factor: 2.243 (2012), Total Citation: 29 (Google Scholar)
46. * Chaplignin, B., Leng, M. J., Webb, E., Alexandre, A., Dodd, J.P., Ijiri, A., Lücke, A., Shemesh, A., Abelmann, A., Herzsuh, U., Longstaffe, F.J., Meyer, H., Moschen, R., Okazaki, Y., Rees, N. H., Sharp, Z.D., Sloane, H. J., Sonzogni, C., Swann, G. E. A., Sylvestre, F., Tyler, J. J., Yam, R., Inter-laboratory comparison of oxygen isotope compositions from biogenic silica, *Geochimica et Cosmochimica Acta*, Vol.75, pp.7242-7256, November, 2011. (国際共著)
DOI: 10.1016/j.gca.2011.08.011
Impact Factor: 4.259 (2011), Total Citation: 83 (Google Scholar)
47. ○ Ijiri, A., Harada, N., Ogawa, N.O., Sakamoto, T., Nakatsuka, T., Carbon isotope biogeochemistry of acetate in sub-seafloor sediments in the Sea of Okhotsk near Sakhalin Island, Russia, *Research in Organic Geochemistry*, Vol.26, pp.95-105, December, 2010.
DOI: https://doi.org/10.20612/rog.26.0_95
Total Citation: 1 (Google Scholar)
48. * Hirota, A., Ijiri, A., Komatsu, D.D., Ohkubo, S.B., Nakagawa, F., Tsunogai, U., Enrichment of nitrous oxide in the water column in the area of the Bering and Chukchi Seas. *Marine Chemistry*, Vol.116, pp.47-53, November, 2009.
DOI: 10.1016/j.marchem.2009.09.001
Impact Factor: 2.751 (2010), Total Citation: 34 (Google Scholar)
49. * Kameyama, S., Tsunogai, U., Nakagawa, F., Sasakawa, M., Komatsu, D. D., Ijiri, A., Yamaguchi, J., Horiguchi, T., Kawamura, H., Yamaguchi, A., Tsuda, A., Enrichment of alkanes within a phytoplankton bloom during an *in situ* iron enrichment experiment in the western subarctic pacific, *Marine Chemistry*, Vol.115, pp.92-101, June, 2009.
DOI: 10.1016/j.marchem.2009.06.009
Impact Factor: 2.751 (2010), Total Citation: 12 (Google Scholar)
50. ○ * Ijiri, A., Tsunogai, U., Gamo, T., Nakagawa, F., Sakamoto, T., Saito, S., Enrichment of adsorbed methane in authigenic carbonate concretions of the Japan Trench. *Geo-Marine Letters*, Vol.29, pp.301-308, May, 2009.
DOI: 10.1007/s00367-009-0143-9
Impact Factor: 1.730 (2010), Total Citation: 17 (Google Scholar)
51. ○ 井尻暁, 海底泥火山堆積物中の間隙水の起源, *地学雑誌*, Vol.118, pp.435-454, 2009年6月.
DOI: 10.5026/jgeography.118.435
被引用件数 : 11 (Google Scholar)

52. ○*Ijiri, A., Wang, L., Oba, T., Kawahata, H., Huang, C.-Y., Huang, C.-Y.,
Paleoenvironmental changes in the northern area of the East China Sea during the past 42,000
years, *Palaeogeography, Palaeoclimatology, Palaeoecology*, Vol.219, pp.239-261, April, 2005.
(国際共著)
DOI: 10.1016/j.palaeo.2004.12.028
Impact Factor: 2.390 (2010), Total Citation: 238 (Google Scholar)
特記事項 : Paleo-3 Most Cited Paper 2003-2007 Award 受賞 (2007年5月)
53. *Hikida, Y., Suzuki, S., Togo, Y., Ijiri, A., An exceptionally well-preserved seep community
from the Cretaceous Yezo forearc basin in Hokkaido, northern Japan, *Paleontological
Research*, Vol.7, pp.329-342, December, 2003.
DOI: 10.2517/prpsj.7.329
Impact Factor: 0.368 (2010), Total Citation: 55 (Google Scholar)
特記事項 : 日本古生物学会論文賞受賞 (2005年7月)
54. ○*Ijiri, A., Tsunogai, U., Gamo, T., A simple method for oxygen-18 determination of
milligram quantities of water using NaHCO₃ reagent. *Rapid Communications in Mass
Spectrometry*, Vol.17, pp.1472-1478, May, 2003.
DOI:10.1002/rcm.1081
Impact Factor: 2.846 (2010), Total Citation: 29 (Google Scholar)

(4) 学術論文 (有審査論文 : フルペーパー査読・国際会議プロシーディングス)

[著者, 題目, 発表機関, 頁, 発行年月(西暦), DOI]

特記事項 : [Best Presentation 賞の受賞など]

1. ○Ijiri, A., Sakamoto, T., Tsunogai, U., Gamo, T., Saito, S., Suyehiro, K., Data report:
Authigenic carbonates at SITES 1150, 1151. *Proceedings of the Ocean Drilling Program,
Scientific Results*, vol. 186-109, 2003.
Total Citation: 2 (Google Scholar)

(5) 学術論文 (有審査論文 : アブストラクト査読・国際会議プロシーディングス)

本人が口頭発表 (ポスター発表を含む) を行ったものに限る。

[著者, 題目, 発表機関, 頁, 発行年月(西暦), DOI]

特記事項 : [Best Presentation Award の受賞など]

1. Ijiri, A., Setoguchi, R., Hamada, Y., Mitsutome, Y., Toki, T., Hagino, K., Murayama, M.,
Inagaki, F. Different depths of sedimentary and fluid origins in submarine mud volcanoes off
Tanegashima Island, Japan, *Goldschmidt 2022*, July 2022. (Online poster)
2. Ijiri, A., Izumi, T., Morono, Y., Kato, Y., Terada, T., Ikehara, M., Purification of disc-shaped
diatoms from Southern Ocean sediment by cell sorter and their oxygen isotope analysis, *AGU
Fall Meeting 2021*, PP15E-0960, New Orleans & Online, 13-17 December, 2021. (Online
poster)
3. Ijiri, A., Haraguchi, S., Jiménez-Espejo, F.J., Komai, N., Suga, H., Kinoshita, M., Inagaki, F.,
Yamada, Y., Gas Hydrate Formation Associated with Migration of Deep Sourced Fluid in the
Krishna-Godavari Basin, Eastern Continental Margin of India, *Goldschmidt Abstracts*, 2018,
p.1119, August, 2018.

4. Ijiri, A., Toki, T., Agena, K., Hoshino, T., Hagino, K., Hamada, Y., Machiyama, H., Ashi, J., Inagaki, F., Secondary Methanogenesis in Dormant Submarine Mud Volcano off Tanegashima Island, Japan, Goldschmidt Abstracts, 2017, p.1767, August, 2017.
5. Ijiri, A., Wang, D., Ono, S., Inagaki, F., Origin of Biogenic Methane in the Nankai Submarine Mud Volcano Based on Methane Stable Isotopologues, Goldschmidt Abstracts, 2016, p.1240, June, 2016. (国際共著)
6. Ijiri, A., Inagaki, F., Occurrence of microbial acetate-oxidation in ~2 km-deep coal-bearing sediments off the Shimokita Peninsula, Japan (IODP Expedition 337), AGU Fall Meeting 2015, OS23B-2021, December, 2015.
7. Ijiri, A., Wakaki, S., Murayama, M., Inagaki, F., Implication of low temperature smectite to illite reaction at shallow burial depth in the Bering slope sediments, AGU Fall Meeting 2014, B41H-0153, December, 2014.
8. Ijiri, A., Inagaki, F., Kubo, Y., Expeditions CK09-1 and 906 Scientists, Biogeochemistry of the deep mud-volcano biosphere in the Kumano forearc basin of the Nankai Trough, Goldshmidt 2013, Mineralogical Magazine, Vol.77, p.1355, August, 2013.
9. Ijiri A., Kawada Y., Murayama M., Inagaki F., Mix A., Oxygen isotopic composition of the Bering slope bottom water during the Last Glacial Maximum, AGU Fall Meeting 2012, Eos Trans. AGU, Vol. 90, No.52, Fall Meet. Suppl., Abstract PP13A-1383, December 2012. (国際共著)
10. Ijiri, A., Toki, T., Yamaguchi, Y.T., Kawagucci, S., Hattori, S., Morono, Y., Lever, M.A., Yoshida, N., Tsunogai, U., Nakamura, K., Takai, K., Ashi, J., Inagaki, F., Biogeochemical study on mud-volcano sediments from the Kumano forearc basin, Japan, AGU Fall Meeting 2011, B51K-0563, December, 2011. (国際共著)
11. Ijiri, A., Toki, T., Yamaguchi, Y., Kawagucci, S., Hattori, S., Morono, Y., Tsunogai, U., Nakamura, K., Takai, K., Ashi, J., Inagaki, F., Biogeochemical processes in mud-volcano sediments from the Kumano forearc basin, Japan, Goldschmidt 2011, Mineralogical Magazine, Vol.75, No.3, p.1079, August, 2011.
12. Ijiri, A., Kawada, Y., Hirota, A., Tsunogai, U., Nakagawa, F., Harada, N., Sakamoto, T., Oxygen and hydrogen isotopic composition of the Bering Sea during the Last Glacial Maximum: constraints from pore water analyses, AGU Fall Meeting 2009, PP13A-1383, December, 2009.
13. Ijiri, A., Tsunogai, U., Gamo, T., Ashi, J., Kinoshita, M., Origin of low salinity pore fluids: Kumano forearc mud volcanoes, Japan, AGU Fall Meeting 2003, T52C-0288, December 2003.
14. Ijiri, A., Tsunogai, U., Gamo, T., Hikida, Y., Highly isotopically depleted hydrocarbon gases in methane-derived carbonate of the Cretaceous age, 13 th V.M. Goldschmidt Conference, Geochimica et Cosmochimica Acta, Vol.67, No.18, Supplement p.167, September, 2003.
15. Ijiri, A., Wang, L., Oba, T., Kawahata, H., Paleoenvironmental Changes in the Northern Area of the East China Sea During the Past 43,000 Years, 2000 Western Pacific Geophysics Meeting, OS31A-05, June, 2000.

(6) 学術論文 (有審査論文：アブストラクト査読・国際会議プロシーディングス)

本人以外が口頭発表 (ポスター発表を含む) を行ったもの。

[著者, 題目, 発表機関, 頁, 発行年月 (西暦), DOI]

特記事項： [Best Presentation Award の受賞など]

1. Mitsutome, Y., Toki, T., Kagoshima, T., Takahata, N., Tomonaga, Y., Ijiri, A., The roots of helium in surface sediments of submarine mud volcanoes off Tanegashima, AGU Fall Meeting 2021 (On line), December, 2021. (国際共著)
2. Toki, T., Shinjyo, R., Mitsutome, Y., Oushima, S., Masuda, H., Ijiri, A., Nakaya, S., Roots and reservoir of venting fluid at Taketomi submarine hot spring, AGU Fall Meeting 2021 (On line), December, 2021.
3. Morishita, T., Fujie, G., Ono, S., Kagoshima, T., Morgan, J. P., Conin, M., Ijiri, A., Ildefonse, B., Ishikawa, T., Katayama, I., Kelemen, P. B., Kuroda, J., Suzuki, Y., Teagle, D. A. H., Templeton, A. S., Toki, T., Ujiie, K., Yamaguchi, A., Yamano, M., IODP proposal for Bend-Fault Hydrology in the Old incoming Plate (H-ODIN) using CHIKYU: Scientific objectives and drilling site & strategy, AGU Fall Meeting 2020, OS021-0006, December 2020. (国際共著)
4. Morono, Y., Ijiri, A., Katsuki, N., High Temperature and Pressure (HTP) Reactor System for Understanding Physiology of Extremophiles at in situ Condition, AGU Fall Meeting 2019, B11K-2204, December, 2019.
5. Miyajima, Y., Ijiri, A., Murayama, M., Adsorbed Methane in a Miocene Methane-Seep Carbonate from Joetsu, Japan, Goldschmidt Abstracts, 2016, pp. 2103, June, 2016.
6. Itoh, M., Kebukawa, Y., Ijiri, A., Naraoka, H., Coordinated NanoSIMS and iMScope Analyses for Extraterrestrial Organics in Murchison Matrix, Goldschmidt Abstracts, 2016, pp.1297, June, 2016.
7. Imachi, H., Tasumi, E., Tu, T-H., Ijiri, A., Morono, Y., Ishii, S., Methé, B., Takai, K., Inagaki, F., Identifying 2 km-Deep Methanogenic Community Members Using a Long-Term Bioreactor Cultivation, Goldschmidt Abstracts, 2016, pp.1249., June, 2016. (国際共著)
8. Kikuchi, S., Makita, H., Konno, U., Shiraishi, F., Ijiri, A., Takai, K., Takahashi, Y., Limited Reduction of Ferrihydrite Encrusted by Goethite in Freshwater Sediment, Goldschmidt Abstracts, 2016, p.p.1494, June, 2016.
9. Trembath-Reichert, E., Morono, Y., Ijiri, A., Dawson, K., Hinrichs, K-U., Inagaki, F., NanoSIMS Reveals Activity in Deepest Samples Ever Collected by Marine Scientific Drilling, Goldschmidt Abstracts, 2016, pp.3171, June, 2016. (国際共著)
10. Okazaki, Y., Ijiri, A., Yamane, M., Online Oxygen Isotope Analysis of Biogenic Opal Using the Inductive High-Temperature Carbon Reduction Method with Continuous Flow Isotope Ratio Mass Spectrometry, Goldschmidt Abstracts, 2016, p.p.2370, June, 2016.
11. Wishart, J.R., Morono, Y., Itoh, M., Ijiri, A., Hoshino, T., Inagaki, F., Verba, C., Torres, M.E., Colwell, F.S., Assessing Microbial Activity in Marcellus Shale Hydraulic Fracturing Fluids, AGU Fall Meeting 2014, B11C-0032, December, 2014. (国際共著)
12. Case, D., Ijiri, A., Morono, Y., Orphan, V.J., Inagaki, F., Microbiological and Geochemical Characterization of the Deep Subsurface Environment: Kumano Mud Volcano, Nankai Trough, Japan, AGU Fall Meeting 2013, B13C-0483, December, 2013. (国際共著)
13. Ohtomo, Y., Ijiri, A., Ikegawa, Y., Tsutumi, M., Imachi, H., Uramoto, G., Hoshino, T., Morono, Y., Tanikawa, W., Hirose, T., Inagaki, F., Biological CO₂ conversion to acetate in subsurface coal-sand formation using a high-pressure reactor system, AGU Fall Meeting 2013, V41A-2748, December, 2013.

14. Nishio, Y., Ijiri, A., Toki, T., Morno, Y., Inagaki, F., Lithium isotopic evidence for deep-seated fluids from Kumano mud volcano in Nankai accretionary prism, AGU Fall Meeting 2011, T21B-2330, December, 2011.
15. Sakamoto, T., Sakai, S., Takahashi, K., Mic, A.C., Asahi, H., Ikehara, M., Okada, M., Ijiri, A., Onodera, J., Okazaki, Y., Horikawa, K., Seki, O., Aoki, K., Behavior of Biological and Terrigenous Elements during the Late Cenozoic in the Bering Sea: Paleoceanographic Constraints of the IODP Exp. 323 Sediments by High Resolution Non-Destructive TATSCAN Scanning, Goldschmidt 2011, Mineralogical Magazine, Vol.75, No.3, pp.1782, August, 2011.
(国際共著)
16. Sakamoto, T., Sakai, S., Iijima, K., Sugisaki, S., Oguri, K., Takahashi, K., Asahi, H., Ikehara, M., Onodera, J., Ijiri, A., Okazaki, Y., Horikawa, K., Mix, A., Ravelo, A.C., Alvarez Zarikian, C.A., Scientific party of IODP Expedition 323, The role of the Bering Sea in the global climate: Preliminary results of the IODP Expedition 323, Bering Sea paleoceanography, AGU Fall Meeting 2010, PP22B-02, December, 2010. (国際共著)
17. Takahashi, K., Ravelo, A.C., Alvarez Zarikian, Nagashima, T., Kanematsu, Y., Hioki, Y., Ikehara, M., Kim, S., Khim, B., Aiello, I.W., Onodera, J., Radi, T., Sakamoto, T., Stroynowski, Z.N., Asahi, H., Chen, M., Colmenero-Hidalgo, E., Husum, K., Ijiri, A., Kender, S., Lund, S., Okada, M., Okazaki, Y., Horikawa, K., Seki, O., IODP Expedition 323 Shipboard Scientists, Pliocene-Pleistocene paleo-productivity changes in the Bering Sea: results from IODP Expedition 323, AGU Fall Meeting 2010, PP23C-04, December, 2010. (国際共著)
18. Harada, N., Sato, M., Seki, O., Timmermann, A., Moosen, H., Bendle, J.A., Nakamura, Y., Kimoto, K., Okazaki, Y., Nagashima, K., Gorbarenko, S.A., Ijiri, A., Nakatsuka, T., Menviel, L., Chikamoto, M.O., Abe-Ouchi, A., Schouten, S., Sea surface and subsurface temperature changes in the Okhotsk Sea and adjacent North Pacific during the Last Glacial Maximum and deglaciation, AGU Fall Meeting 2010, PP33B-1676, December, 2010. (国際共著)
19. Tomaru, H., Ijiri, A., Toki, T., Inagaki, F., Raman spectroscopic analyses on structure and composition of gas hydrate from Kumano mud volcano, Nankai Trough, Japan, AGU Fall Meeting 2009, *Eos Trans. AGU*, Vol.90, No.52, Fall Meet. Suppl., Abstract OS31A-1181, December 2009.
20. Ishibashi, J-I., Suzuki, R., Hamasaki, H., Yamanaka, T., Chiba, H., Ijiri, A., Tsunogai, U., Nakagawa, S., Nunoura, T., Takai, K., Subseafloor Phase Separation and Fluid Migration Supports Calyptogena Colony in the Marginal Region of a Hydrothermal Field, Goldschmidt 2008, *Geochimica et Cosmochimica Acta*, Vol.72, No.12, Supplement pp.412, July, 2008.
21. Hirota, A., Ijiri, A., Komatsu, D.D., Ohkubo, S., Nakagawa, F., Tsunogai, U., Enrichment of nitrous oxide in water column of Bering sea and Chukchi sea, AGU Fall Meeting 2007, *Eos Trans. AGU*, Vol.88, No.52, Fall Meet. Suppl., Abstract OS43B-1241, December 2007.
22. Ishibashi, J., Suzuki, R., Hamasaki, H., Yamanaka, T., Chiba, H., Tsunogai, U., Ijiri, A., Nakagawa, S., Nunoura, T., Takai, K., Kinoshita, M., Ashi, J., Vapor-rich Hydrothermal Fluid Migration Within Pumiceous Sediment in the Iheya North Knoll, Okinawa Trough, AGU Fall Meeting 2007, *Eos Trans. AGU*, Vol.88, No.52, Fall Meet. Suppl., Abstract V34B-06, December 2007.

23. Oba, T., Ijiri, A., Huang, C., Huang, C., Kawahata, H., High-resolution SST and SSS Records of IMAGES Core (MD982195) in the Northern Part of the East China Sea, AGU Fall Meeting 2001, Eos Trans. AGU, Vol.82, No.47, Fall Meet. Suppl., Abstract PP32C-07. December 2001. (国際共著)

(7) その他

1. *Kubo, Y., Inagaki, F., Tonai, S., Uramoto, G., Takano, O., Yamada, Y., the Expedition 910 Shipboard Scientific Party (incl. Ijiri, A.), New Chikyu Shallow Core Program (SCORE): exploring mass transport deposits and the seafloor biosphere off Cape Erimo, northern Japan, Scientific Drilling, Vol.27, pp.25-33, May, 2020.
DOI: /10.5194/sd-27-25-2020
Impact Factor: 0.71 (2020), Total Citation: 2 (Google Scholar)
2. 井尻暁, 微量生物源オパール¹の酸素同位体比測定法の開発と応用 (総特集 海洋システムの謎に挑む化学 : 蒲生俊敬教授退職記念号)(同位体地球化学),号外海洋, Vol.61, pp.91-96, 2018年5月.
3. 稲垣史生, 井尻暁, 北田数也, 町山栄章, 海底下の微生物起源ガスと生命活動との関わり—海洋掘削科学の最前線—, 石油技術協会誌, Vol.83, No.2, pp.130-137, 2018年3月.
被引用件数 : 0 (Google Scholar)
4. Heuer, V.B., Inagaki, F., Morono, Y., Kubo, Y., Maeda, L., Bowden, S., Cramm, M., Henkel, S., Hirose, T., Homola, K., Hoshino, T., Ijiri, A., Imachi, H., Kamiya, N., Kaneko, M., Lagostina, L., Manners, H., McClelland, H.L., Metcalfe, K., Okutsu, N., Pan, D., Raudsepp, M. J., Sauvage, J., Schubotz, F., Spivack, A., Tonai, S., Treude, T., Tsang, M.Y., Viehweger, B., Wang, D.T., Whitaker, E., Yamamoto, Y., Yang, K., Kinoshita, M., Expedition 370 Preliminary Report: Temperature Limit of the Deep Biosphere off Muroto, January, 2017. (国際共著)
DOI: 10.14379/iodp.pr.370.2017
Total Citation: 10 (Google Scholar)
5. 井尻暁, レーザー分光によるメタン同位体分子種測定, ぶんせき, Vol.5, pp.200, 2017年5月.
6. *Inagaki, F., Hinrichs, K.-U., Kubo, Y., the IODP Expedition 337 Scientists (incl. Ijiri, A.), IODP Expedition 337: Deep Coalbed Biosphere off Shimokita -Microbial processes and hydrocarbon system associated with the deeply buried coalbed in the ocean, Scientific Drilling, Vol. 21, pp.17-28, June, 2016. (国際共著)
DOI:10.5194/sd-21-17-2016
Impact Factor: 0.665 (2016), Total Citation: 11 (Google Scholar)
7. Kubo, Y., Hitomi, Y., Ijiri, A., Experiments on interstitial water squeezing at high pressure using water-gathering plates, JAMSTEC Report of Research and Development, Vol.21, pp.17-22 September, 2015.
DOI: 10.5918/jamstecr.21.17
Total Citation: 0 (Google Scholar)
8. 大友陽子, 井尻暁, 諸野祐樹, 池川洋二郎, 末永弘, デビット ケース, 町山栄章, 山本富士夫, 後藤秀作, 福場辰洋, 永澤眞, 松本雅光, 稲垣史生, 深海底における CO₂ 排出及び表層型塊状メタンハイドレート分解実験, JAMSTEC Report of Research and Development, Vol. 20, pp.61-71, 2015年3月. (国際共著)

DOI: 10.5918/jamstecr.20.61

被引用件数 : 0 (Google Scholar)

9. *Tanai, K., Mottl, M.J., Nielsen, S.H.H., the IODP Expedition 331 Scientists (incl. Ijiri, A.) (2012) IODP Expedition 331: strong and expansive seafloor hydrothermal activities in the Okinawa Trough. *Scientific Drilling*, Vol.13, pp.19-27, April, 2012. (国際共著)
DOI: 10.2204/iodp.sd.13.03.2011
Impact Factor: 0.662 (2012), Total Citation: 70 (Google Scholar)
10. 西尾嘉朗, 井尻暁, 海底泥火山の研究から見えてきたもの. *Techno-Ocean News*, Vol.55, pp.1-2, 2015年1月.
11. *Takahashi, K., Ravelo, A.C., and Alvarez Zarikian, C., the IODP Expedition Scientists (incl. Ijiri, A.), IODP Expedition 323—Pliocene and Pleistocene paleoceanographic changes in the Bering Sea. *Scientific Drilling*, Vol.11, pp.4-13, March, 2011. (国際共著)
DOI:10.2204/iodp.sd.11.01.2011
Impact Factor: 0.662 (2012), Total Citation: 45 (Google Scholar)
12. 石村豊穂, 井尻暁, 阿部恒平, 角皆潤, 北海道, 中新統望来層におけるシロウリガイ属化石をともなう石灰質団塊の特徴. *地質学雑誌*, 口絵, Vol.111, VII-VII, 2005年5月.
DOI: https://doi.org/10.5575/geosoc.111.3.VII_VIII
被引用件数 : 4 (Google Scholar)
13. Tsunogai, U., Komatsu, D.D., Ijiri, A., Sasakawa, M., Nakagawa, F., Tracing material cycle using stable isotopes: Carbon monoxide from automobile. *Neo-Science of Natural History: Integration of Geoscience and Biodiversity Studies: Proceedings of International Symposium on "Dawn of a New Natural History-Integration of Geoscience and Biodiversity Studies"* March 5-6, 2004.
14. 芦寿一郎, 倉本真一, 森田澄人, 角皆潤, 後藤秀作, 小島茂明, 岡本拓士, 石村豊穂, 井尻暁, 土岐知弘, 工藤新吾, 浅井聡子, 内海真生, 熊野沖南海トラフ付加プリズムの地質構造と冷湧水—YK01-04 Leg2 熊野沖調査概要—. *JAMSTEC 深海研究*, Vol. 20, pp.1-8, 2002年